TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

NOTICE OF AN APPLICATION TO AMEND A WATER USE PERMIT

APPLICATION NO. 5712A

SR Superior LLC seeks to amend Water Use Permit No. 5712 to reduce the authorized storage volume of Lake "A", located on an unnamed tributary of Lake Creek, San Jacinto River Basin in Montgomery County, to 199 acre-feet, remove Special Conditions Paragraph 1.a., and add an accounting plan to account for inflows and outflows of state water. More information on the application and how to participate in the permitting process is given below.

APPLICATION. SR Superior LLC, 12100 Wilshire Blvd., Suite 1750, Los Angeles, California 90025-7101, Applicant, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Water Use Permit No. 5712 pursuant to Texas Water Code (TWC) § 11.122 and TCEQ Rules Title 30 Texas Administrative Code (TAC) §§ 295.1, et seq. Notice is being published and mailed to the water rights holders of record in the San Jacinto River Basin pursuant to Title 30 TAC § 295.158(b).

Water Use Permit No. 5712 (Permit) authorizes SR Superior LLC to construct and maintain a reservoir (Lake "A") on an unnamed tributary of Lake Creek, tributary of West Fork San Jacinto River, San Jacinto River Basin and impound 255 acre-feet of water for recreational use, with no right of diversion, in Montgomery County, ZIP code 77305. Time limitations and special conditions apply.

Special Conditions Paragraph 1.a. states "Permittee shall fill and maintain the reservoir at operating level at all times with ground water. Failure to maintain the reservoir full at all times may impact the downstream water rights and thus constitutes a violation of the permit conditions."

Applicant seeks to amend Water Use Permit No. 5712 to reduce the authorized storage volume of Lake "A" to 199 acre-feet, remove Special Conditions Paragraph 1.a., and add an accounting plan to account for inflows and outflows of state water.

The Applicant has submitted and the Executive Director has approved the *Water Accountability Monitoring Program Protocol, SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment TCEQ Water Rights Permit No. 5712, Montgomery County, Texas LJA Job No. 1282-1001* accounting protocol.

The application was received on October 13, 2011. Additional information and fees were received January 10, January 18, March 9, March 15, and May 4, 2012. The application was declared administratively complete and filed with the Office of the Chief Clerk on May 16, 2012. Additional information was received on July 2, December 14, December 19, 2012, January 27 and May 6, 2014, and May 25, August 9, and October 14, 2021.

The Executive Director has completed the technical review of the application and prepared a draft amendment. The draft amendment, if granted, would authorize impoundment of state water on a non-priority basis and include special conditions including, but not limited to, maintaining the accounting protocol. The application, technical memoranda, and Executive Director's draft amendment are available for viewing on the TCEQ web page at: https://www.tceq.texas.gov/permitting/water_rights/wr-permitting/view-wr-pend-apps . Alternatively, you may request a copy of the documents by contacting the TCEQ Office of the Chief Clerk by phone at (512) 239-3300 or by mail at TCEQ OCC, Notice Team (MC-105), P.O. Box 13087, Austin, Texas 78711.

PUBLIC COMMENT / PUBLIC MEETING. Written public comments and requests for a public meeting should be submitted to the Office of the Chief Clerk, at the address provided in the information section below, within 30 days of the date of newspaper publication of the notice. A public meeting is intended for the taking of public comment, and is not a contested case hearing. A public meeting will be held if the Executive Director determines that there is a significant degree of public interest in the application.

CONTESTED CASE HEARING. The TCEQ may grant a contested case hearing on this application if a written hearing request is filed within 30 days from the date of newspaper publication of this notice. The Executive Director may approve the application unless a written request for a contested case hearing is filed within 30 days after newspaper publication of this notice.

To request a contested case hearing, you must submit the following: (1) your name (or for a group or association, an official representative), mailing address, daytime phone number, and fax number, if any; (2) applicant's name and permit number; (3) the statement "[*I/we*] request a contested case hearing;" (4) a brief and specific description of how you would be affected by the application in a way not common to the general public; and (5) the location and distance of your property relative to the proposed activity. You may also submit proposed conditions for the requested permit which would satisfy your concerns. Requests for a contested case hearing must be submitted in writing to the Office of the Chief Clerk at the address provided in the information section below.

If a hearing request is filed, the Executive Director will not issue the permit and will forward the application and hearing request to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

INFORMATION. Written hearing requests, public comments or requests for a public meeting should be submitted to the Office of the Chief Clerk, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or electronically at http://www14.tceq.texas.gov/epic/eComment/ by entering WRPERM 5712 in the search field. For information concerning the hearing process, please contact the Public Interest Counsel, MC 103, at the same address.

For additional information, individual members of the general public may contact the Public Education Program at 1-800-687-4040. General information regarding the TCEQ can be found at our web site at www.tceq.texas.gov. Si desea información en Español, puede llamar al 1-800-687-4040 o por el internet al http://www.tceq.texas.gov.

Issued: July 14, 2022

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

AMENDMENT TO A WATER USE PERMIT

PERMIT NO. 5712A TYPE: § 11.122

Permittee:	SR Superior LLC	Address:	12100 Wilshire Blvd., Suite 1750 Los Angeles, CA 90025-7101
Filed:	May 16, 2012	Granted:	
Purpose:	Recreation	County:	Montgomery
Watercourse:	Unnamed tributary of Lake Creek, tributary of West Fork San Jacinto River	Watershed:	San Jacinto River Basin

WHEREAS, Water Use Permit No. 5712 (Permit) authorizes SR Superior LLC (Applicant/Permittee) to construct and maintain a reservoir (Lake "A") on an unnamed tributary of Lake Creek, tributary of West Fork San Jacinto River, San Jacinto River Basin and impound 255 acre-feet of water for recreational use, with no right of diversion, in Montgomery County; and

WHEREAS, time limitations and special conditions apply: and

WHEREAS, Special Conditions Paragraph 1.a. states "Permittee shall fill and maintain the reservoir at operating level at all times with ground water. Failure to maintain the reservoir full at all times may impact the downstream water rights and thus constitutes a violation of the permit conditions."; and

WHEREAS, Applicant seeks to amend Water Use Permit No. 5712 to reduce the authorized storage volume of Lake "A" to 199 acre-feet; and

WHEREAS, Applicant also seeks to remove Special Conditions Paragraph 1.a.; and

WHEREAS, Applicant further seeks to add an accounting plan to account for inflows and outflows of state water; and

WHEREAS, the Texas Commission on Environmental Quality finds that jurisdiction over the application is established; and

WHEREAS, the Applicant has submitted and the Executive Director has approved the *Water Accountability Monitoring Program Protocol, SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment TCEQ Water Rights Permit No. 5712, Montgomery County, Texas LJA Job No. 1282-1001* accounting protocol; and

WHEREAS, the Executive Director recommends special conditions be included in this amendment; and

WHEREAS, the Commission has complied with the requirements of the Texas Water Code and Rules of the Texas Commission on Environmental Quality in issuing this amendment;

NOW, THEREFORE, this amendment to Water Use Permit No. 5712, designated Water Use Permit No. 5712A, is issued to SR Superior LLC, subject to the following terms and conditions:

1. IMPOUNDMENT

   In lieu of the previous authorization, Permittee is authorized to modify and maintain the dam and reservoir (Lake "A") on an unnamed tributary of Lake Creek, tributary of West Fork San Jacinto River, San Jacinto River Basin, and impound not to exceed 199 acre-feet of water, with the centerline of the dam being at Latitude 30.280895 °N and Longitude 95.637628 °W in Montgomery County.

2. USE

   In addition to the previous authorization, Permittee is authorized to store, on a non-priority basis, inflows from the unnamed tributary of Lake Creek.

3. PRIORITY

   A. The time priority of Permittee's rights is November 15, 2000.

   B. Any state water impounded in the reservoir is impounded on a non-priority basis.

4. TIME LIMITATIONS

   A. Modification of the dam must be in accordance with the plans and specifications approved by the Executive Director. Modification of the dam without final approval of the plans and specifications is a violation of this authorization.

   B. Modification shall begin within two years of issuance of this permit and be completed within three years of issuance of the permit unless Permittee applies for and is subsequently granted an extension of time before the expiration of these time limitations.

   C. Failure to commence modification of the dam within the period stated above shall subject all rights to this permit to forfeiture, subject to notice and hearing. After beginning modifications, failure to timely modify the dam and reservoir stated above shall subject this permit to cancellation in whole or in part, subject to notice and hearing, and removal of the dam.

5. SPECIAL CONDITIONS

Special Condition 1.a. is deleted from this permit and the following additional special conditions apply:

A. Permittee shall only impound state water as authorized under this amendment in accordance with the most recently approved *Water Accountability Monitoring Program Protocol, SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment TCEQ Water Rights Permit No. 5712, Montgomery County, Texas LJA Job No. 1282-1001.* Permittee shall maintain the protocol in electronic format and make it available upon request. Any modifications to the accounting protocol shall be approved by the Executive Director. Any modification to the accounting protocol that changes the permit terms, or that changes the method for determining reservoir inflows and outflows, must be in the form of an amendment to the permit. Should Permittee fail to maintain the accounting protocol or notify the Executive Director of any modifications to the protocol. Permittee shall immediately cease impoundment of water to the extent such impoundment is authorized in this amendment, and either apply to amend the permit, or voluntarily forfeit the amendment. If Permittee fails to amend the accounting protocol or forfeit the amendment, the Commission may begin proceedings to cancel the amendment. Permittee shall immediately notify the Executive Director upon modification of the accounting protocol and provide copies of the appropriate documents effectuating such changes.

B. Permittee shall install and maintain outlets in the dam such that inflows of state water can be passed downstream in quantities necessary to satisfy downstream senior and superior water rights when water is required by those users.

This amendment is issued subject to all terms, conditions and provisions contained in Water Use Permit No. 5712, except as specifically amended herein.

This amendment is issued subject to all superior and senior water rights in the San Jacinto River Basin.

Permittee agrees to be bound by the terms, conditions, and provisions contained herein and such agreement is a condition precedent to the granting of this amendment.

All other matters requested in the application which are not specifically granted by this amendment are denied.

This amendment is issued subject to the Rules of the Texas Commission on Environmental Quality and to the right of continuing supervision of State water resources exercised by the Commission.

_____
For the Commission

Date Issued:

Sarah Henderson

From: David Rivera [redacted]
Sent: Friday, June 24, 2022 11:00 AM
To: Sarah Henderson
Cc: James Brown; Robert Price; Holly Guillaume
Subject: RE: SR Superior WRPERM No. 5712A

Sarah,

Thank you for your call. To clarify we have no comments to the amendment.

David Rivera, P.E.
Vice President
LJA Engineering | We Build Civilization
Katy
1904 West Grand Parkway North suite 100
Katy, Tx 77449
Phone:713.953.5277
Fax:713.953.5026
E: [redacted]
W: www.ljaengineering.com

From: David Rivera
Sent: Thursday, June 23, 2022 4:18 PM
To: Sarah Henderson <sarah.henderson@tceq.texas.gov>
Cc: James Brown [redacted]; Robert Price [redacted]; Holly Guillaume <[redacted]>
Subject: RE: SR Superior WRPERM No. 5712A

Sarah ,

Please see the attached letter in response. Please let us know if you need additional information from us.

David Rivera, P.E.
Vice President
LJA Engineering | We Build Civilization
Katy
1904 West Grand Parkway North suite 100
Katy, Tx 77449
Phone:713.953.5277
Fax:713.953.5026
E: [redacted]
W: www.ljaengineering.com

From: Sarah Henderson <sarah.henderson@tceq.texas.gov>
Sent: Friday, May 27, 2022 10:43 AM
To: David Rivera <[redacted]>
Cc: James Brown <[redacted]>; Robert Price <[redacted]>; Holly Guillaume <[redacted]>
Subject: RE: SR Superior WRPERM No. 5712A

[EXTERNAL EMAIL]

Mr. Rivera,
Please find the attached response letter to the Applicant's extension request.
Comments to the draft amendment and public notice are now due by June 24, 2022.
Sincerely,
Sarah

Sarah Henderson
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
P.O. Box 13087/MC-160
Austin, TX 78711-3087
(P) 512.239.2535
(F) 512.239.4770

From: Holly Guillaume <[redacted]>
Sent: Tuesday, May 24, 2022 2:44 PM
To: Sarah Henderson <sarah.henderson@tceq.texas.gov>
Cc: James Brown <[redacted]>; David Rivera <[redacted]>
Subject: SR Superior WRPERM No. 5712A

Good afternoon Sarah,
Please see the attached letter regarding SR Superior WRPERM No. 5712A.

Thank you,

Holly Guillaume
Land Development

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Katy
P: 713.953.5200
D: 713.580.4176
www.ljaengineering.com
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LJA ENGINEERING

1904 W Grand Parkway N, Suite 100, Katy, Texas 77449
t 713.953.5200 f 713.953.5026 LJA.com TBPE F-1386

June 23, 2022

Ms. Brooke McGregor, Manager
Ms. Sarah Henderson, Project Manager
Texas Commission on Environmental Quality (TCEQ)
Attn: Water Rights Permitting & Availability Section
P.O. Box 13087/MC-160
Austin, Texas 78711-3087

Re: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Montgomery County, Texas
LJA Job No. 1282-1001 (6.0)

Dear Ms. McGregor and Ms. Henderson:

On behalf of SR Superior, LLC (owner of the above mentioned facility), LJA Engineering, Inc. (LJA) we thank you for granting additional time to review your letter dated May 10, 2011. Please let us know how to proceed with the public notice.

If you have any questions or would like to discuss, please contact me at 713.953.5277 or by email at [redacted].

Sincerely,

David A. Rivera, PE
Vice President

DAR/jb

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 27, 2022

Mr. David Rivera, P.E. **VIA E-MAIL**
LJA Engineering
1904 West Grand Parkway North, Suite 100
Katy, Texas 77449

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code § 11.122, Requiring Published and Mailed Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Rivera:

This acknowledges receipt, on May 24, 2022, of the applicant's request for an extension of time to respond to the Texas Commission on Environmental Quality's draft public notice and amendment dated May 10, 2022.

A 30-day extension is granted until June 24, 2022. Please review the drafts and contact me no later than June 24, 2022 with any comments or questions as the notice will be forwarded to the Office of the Chief Clerk for mailing after that date. No further extensions will be granted associated with this request.

If you have any questions concerning this matter, please contact Sarah Henderson via email at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

J. Brooke McGregor

Brooke McGregor, Manager
Water Rights Permitting & Availability Section
Water Availability Division

Sarah Henderson

From: Holly Guillaume <[redacted]>
Sent: Tuesday, May 24, 2022 2:44 PM
To: Sarah Henderson
Cc: James Brown; David Rivera
Subject: SR Superior WRPERM No. 5712A
Attachments: SR Superior WRPERM No. 5712A request for extension.PDF

Good afternoon Sarah,
Please see the attached letter regarding SR Superior WRPERM No. 5712A.

Thank you,

Holly Guillaume
Land Development

LJA Engineering | We seek solutions.®

Katy
P: 713.953.5200
D: 713.580.4176
www.ljaengineering.com
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LJA ENGINEERING

1904 W Grand Parkway N, Suite 100, Katy, Texas 77449
t 713.953.5200 f 713.953.5026 LJA.com TBPE F-1386

May 24, 2022

Ms. Sarah Henderson, Project Manager
Texas Commission on Environmental Quality (TCEQ)
Attn: Water Rights Permitting & Availability Section
P.O. Box 13087/MC-160
Austin, Texas 78711-3087

Re: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Montgomery County, Texas
LJA Job No. 1282-1001 (6.0)

Dear Ms. Henderson:

On behalf of SR Superior, LLC (owner of the above mentioned facility), LJA Engineering, Inc. (LJA) would like to request a 30-day extension from the TCEQ as a response to the letter dated May 10, 2022 regarding the proposed amendment to the permit noted above, the public notice commencement and the technical memoranda.

If you have any questions or would like to discuss, please contact me at 713.953.5284 or by email at [redacted]

Sincerely,

James E. Brown, PE
Senior Vice President

JEB/jb

O:\LAND\1282\1282-1001\Request for Extension.doc

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 10, 2022

Mr. David Rivera, P.E. **VIA E-MAIL**
LJA Engineering
1904 West Grand Parkway North, Suite 100
Katy, Texas 77449

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code § 11.122, Requiring Published and Mailed Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Rivera:

Drafts, subject to revision, of the public notice, proposed amendment to Water Use Permit No. 5712, and the related technical memoranda are attached.

Staff is recommending that the referenced application be granted in accordance with the attached drafts. Please review the drafts and contact me no later than May 24, 2022 with any comments or questions as the notice will be forwarded to the Office of the Chief Clerk for mailing after that date.

Please note this application requires a 30-day comment period and once the comment period has closed, the proposed amendment to Water Use Permit No. 5712 may be issued as drafted given no hearing requests are received.

If you have any questions concerning this matter, please contact me via email at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah E Henderson

Sarah Henderson., Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

Attachments

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

NOTICE OF AN APPLICATION TO AMEND A WATER USE PERMIT

APPLICATION NO. 5712A

SR Superior LLC seeks to amend Water Use Permit No. 5712 to reduce the authorized storage volume of Lake "A", located on an unnamed tributary of Lake Creek, San Jacinto River Basin in Montgomery County, to 199 acre-feet, remove Special Conditions Paragraph 1.a., and add an accounting plan to account for inflows and outflows of state water. More information on the application and how to participate in the permitting process is given below.

APPLICATION. SR Superior LLC, 12100 Wilshire Blvd., Suite 1750, Los Angeles, California 90025-7101, Applicant, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Water Use Permit No. 5712 pursuant to Texas Water Code (TWC) § 11.122 and TCEQ Rules Title 30 Texas Administrative Code (TAC) §§ 295.1, et seq. Notice is being published and mailed to the water rights holders of record in the San Jacinto River Basin pursuant to Title 30 TAC § 295.158(b).

Water Use Permit No. 5712 (Permit) authorizes SR Superior LLC to construct and maintain a reservoir (Lake "A") on an unnamed tributary of Lake Creek, tributary of West Fork San Jacinto River, San Jacinto River Basin and impound 255 acre-feet of water for recreational use, with no right of diversion, in Montgomery County, ZIP code 77305. Time limitations and special conditions apply.

Special Conditions Paragraph 1.a. states "Permittee shall fill and maintain the reservoir at operating level at all times with ground water. Failure to maintain the reservoir full at all times may impact the downstream water rights and thus constitutes a violation of the permit conditions."

Applicant seeks to amend Water Use Permit No. 5712 to reduce the authorized storage volume of Lake "A" to 199 acre-feet, remove Special Conditions Paragraph 1.a., and add an accounting plan to account for inflows and outflows of state water.

The Applicant has submitted and the Executive Director has approved the *Water Accountability Monitoring Program Protocol, SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment TCEQ Water Rights Permit No. 5712, Montgomery County, Texas LJA Job No. 1282-1001* accounting protocol.

The application was received on October 13, 2011. Additional information and fees were received January 10, January 18, March 9, March 15, and May 4, 2012. The application was

declared administratively complete and filed with the Office of the Chief Clerk on May 16, 2012. Additional information was received on July 2, December 14, December 19, 2012, January 27, 2014, and May 25, August 9, and October 14, 2021.

The Executive Director has completed the technical review of the application and prepared a draft amendment. The draft amendment, if granted, would authorize impoundment of state water on a non-priority basis and include special conditions including, but not limited to, maintaining the accounting protocol. The application, technical memoranda, and Executive Director's draft amendment are available for viewing on the TCEQ web page at: https://www.tceq.texas.gov/permitting/water_rights/wr-permitting/view-wr-pend-apps . Alternatively, you may request a copy of the documents by contacting the TCEQ Office of the Chief Clerk by phone at (512) 239-3300 or by mail at TCEQ OCC, Notice Team (MC-105), P.O. Box 13087, Austin, Texas 78711.

PUBLIC COMMENT / PUBLIC MEETING. Written public comments and requests for a public meeting should be submitted to the Office of the Chief Clerk, at the address provided in the information section below, within 30 days of the date of newspaper publication of the notice. A public meeting is intended for the taking of public comment, and is not a contested case hearing. A public meeting will be held if the Executive Director determines that there is a significant degree of public interest in the application.

CONTESTED CASE HEARING. The TCEQ may grant a contested case hearing on this application if a written hearing request is filed within 30 days from the date of newspaper publication of this notice. The Executive Director may approve the application unless a written request for a contested case hearing is filed within 30 days after newspaper publication of this notice.

To request a contested case hearing, you must submit the following: (1) your name (or for a group or association, an official representative), mailing address, daytime phone number, and fax number, if any; (2) applicant's name and permit number; (3) the statement "[*I/we*] request a contested case hearing;" (4) a brief and specific description of how you would be affected by the application in a way not common to the general public; and (5) the location and distance of your property relative to the proposed activity. You may also submit proposed conditions for the requested permit which would satisfy your concerns. Requests for a contested case hearing must be submitted in writing to the Office of the Chief Clerk at the address provided in the information section below.

If a hearing request is filed, the Executive Director will not issue the permit and will forward the application and hearing request to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

INFORMATION. Written hearing requests, public comments or requests for a public meeting should be submitted to the Office of the Chief Clerk, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or electronically at http://www14.tceq.texas.gov/epic/eComment/ by entering WRPERM 5712 in the search field. For information concerning the hearing process, please contact the Public Interest Counsel, MC 103, at the same address.

For additional information, individual members of the general public may contact the Public Education Program at 1-800-687-4040. General information regarding the TCEQ can be found at our web site at www.tceq.texas.gov. Si desea información en Español, puede llamar al 1-800-687-4040 o por el internet al http://www.tceq.texas.gov.

Issued:

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

AMENDMENT TO A WATER USE PERMIT

PERMIT NO. 5712A TYPE: § 11.122

Permittee:	SR Superior LLC	Address:	12100 Wilshire Blvd., Suite 1750 Los Angeles, CA 90025-7101
Filed:	May 16, 2012	Granted:	
Purpose:	Recreation	County:	Montgomery
Watercourse:	Unnamed tributary of Lake Creek, tributary of West Fork San Jacinto River	Watershed:	San Jacinto River Basin

WHEREAS, Water Use Permit No. 5712 (Permit) authorizes SR Superior LLC (Applicant/Permittee) to construct and maintain a reservoir (Lake "A") on an unnamed tributary of Lake Creek, tributary of West Fork San Jacinto River, San Jacinto River Basin and impound 255 acre-feet of water for recreational use, with no right of diversion, in Montgomery County; and

WHEREAS, time limitations and special conditions apply: and

WHEREAS, Special Conditions Paragraph 1.a. states "Permittee shall fill and maintain the reservoir at operating level at all times with ground water. Failure to maintain the reservoir full at all times may impact the downstream water rights and thus constitutes a violation of the permit conditions."; and

WHEREAS, Applicant seeks to amend Water Use Permit No. 5712 to reduce the authorized storage volume of Lake "A" to 199 acre-feet; and

WHEREAS, Applicant also seeks to remove Special Conditions Paragraph 1.a.; and

WHEREAS, Applicant further seeks to add an accounting plan to account for inflows and outflows of state water; and

WHEREAS, the Texas Commission on Environmental Quality finds that jurisdiction over the application is established; and

WHEREAS, the Applicant has submitted and the Executive Director has approved the *Water Accountability Monitoring Program Protocol, SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment TCEQ Water Rights Permit No. 5712, Montgomery County, Texas LJA Job No. 1282-1001* accounting protocol; and

WHEREAS, the Executive Director recommends special conditions be included in this amendment; and

WHEREAS, the Commission has complied with the requirements of the Texas Water Code and Rules of the Texas Commission on Environmental Quality in issuing this amendment;

NOW, THEREFORE, this amendment to Water Use Permit No. 5712, designated Water Use Permit No. 5712A, is issued to SR Superior LLC, subject to the following terms and conditions:

1. IMPOUNDMENT

   In lieu of the previous authorization, Permittee is authorized to modify and maintain the dam and reservoir (Lake "A") on an unnamed tributary of Lake Creek, tributary of West Fork San Jacinto River, San Jacinto River Basin, and impound not to exceed 199 acre-feet of water, with the centerline of the dam being at Latitude 30.280895 °N and Longitude 95.637628 °W in Montgomery County.

2. USE

   In addition to the previous authorization, Permittee is authorized to store, on a non-priority basis, inflows from the unnamed tributary of Lake Creek.

3. PRIORITY

   A. The time priority of Permittee's rights is November 15, 2000.

   B. Any state water impounded in the reservoir is impounded on a non-priority basis.

4. TIME LIMITATIONS

   A. Modification of the dam must be in accordance with the plans and specifications approved by the Executive Director. Modification of the dam without final approval of the plans and specifications is a violation of this authorization.

   B. Modification shall begin within two years of issuance of this permit and be completed within three years of issuance of the permit unless Permittee applies for and is subsequently granted an extension of time before the expiration of these time limitations.

   C. Failure to commence modification of the dam within the period stated above shall subject all rights to this permit to forfeiture, subject to notice and hearing. After beginning modifications, failure to timely modify the dam and reservoir stated above shall subject this permit to cancellation in whole or in part, subject to notice and hearing, and removal of the dam.

5. SPECIAL CONDITIONS

Special Condition 1.a. is deleted from this permit and the following additional special conditions apply:

A. Permittee shall only impound state water as authorized under this amendment in accordance with the most recently approved *Water Accountability Monitoring Program Protocol, SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment TCEQ Water Rights Permit No. 5712, Montgomery County, Texas LJA Job No. 1282-1001.* Permittee shall maintain the protocol in electronic format and make it available upon request. Any modifications to the accounting protocol shall be approved by the Executive Director. Any modification to the accounting protocol that changes the permit terms, or that changes the method for determining reservoir inflows and outflows, must be in the form of an amendment to the permit. Should Permittee fail to maintain the accounting protocol or notify the Executive Director of any modifications to the protocol. Permittee shall immediately cease impoundment of water to the extent such impoundment is authorized in this amendment, and either apply to amend the permit, or voluntarily forfeit the amendment. If Permittee fails to amend the accounting protocol or forfeit the amendment, the Commission may begin proceedings to cancel the amendment. Permittee shall immediately notify the Executive Director upon modification of the accounting protocol and provide copies of the appropriate documents effectuating such changes.

B. Permittee shall install and maintain outlets in the dam such that inflows of state water can be passed downstream in quantities necessary to satisfy downstream senior and superior water rights when water is required by those users.

This amendment is issued subject to all terms, conditions and provisions contained in Water Use Permit No. 5712, except as specifically amended herein.

This amendment is issued subject to all superior and senior water rights in the San Jacinto River Basin.

Permittee agrees to be bound by the terms, conditions, and provisions contained herein and such agreement is a condition precedent to the granting of this amendment.

All other matters requested in the application which are not specifically granted by this amendment are denied.

This amendment is issued subject to the Rules of the Texas Commission on Environmental Quality and to the right of continuing supervision of State water resources exercised by the Commission.

_____
For the Commission

Date Issued:

Texas Commission on Environmental Quality

INTEROFFICE MEMORANDUM

To: Sarah Henderson, Project Manager
Water Rights Permitting Team
Date: March 28, 2022

From: Kathy Alexander, Ph.D., Policy and Technical Analyst
Water Availability Division

Subject: SR Superior LLC
WRPERM 5712
CN603487182
Unnamed Tributary of Lake Creek, San Jacinto River Basin
Montgomery County

HYDROLOGY REVIEW

Application Summary

Water Use Permit No. 5712 (Permit) authorizes SR Superior, LLC (Applicant/Permittee) to maintain a reservoir on an unnamed tributary of Lake Creek, San Jacinto River Basin impounding 255 acre-feet of water for recreational use, with no right of diversion, in Montgomery County.

The Permit includes Paragraph 1.a., which states, "Permittee shall fill and maintain the reservoir at operating level at all times with ground water. Failure to maintain the reservoir full at all times may impact the downstream water rights and thus constitutes a violation of the permit conditions."

Applicant requests to amend the Permit to remove Special Conditions Paragraph 1.a., requiring that the reservoir be maintained with groundwater, reduce the authorized storage volume to 199 acre-feet, and add an accounting plan to account for inflows and releases of state water.

The Applicant submitted an accounting protocol (*Water Accountability Monitoring Program Protocol, SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment TCEQ Water Rights Permit No. 5712, Montgomery County, Texas LJA Job No. 1282-1001*) on December 14, 2012. The accounting protocol was subsequently revised on January 27, 2014, and May 25, August 9, and October 14, 2021.

Hydrology Review

Resource Protection staff did not recommend instream flow requirements for this application. See the Resource Protection memo dated February 4, 2022.

The application does not request a new appropriation of water; and instead requests to remove Paragraph 1.a. and add an accounting plan. Therefore, a water availability analysis is not necessary. However, the request to remove Paragraph 1.a, requiring that the reservoir be maintained with groundwater, must be reviewed to ensure that no water rights are affected by the request.

The Applicant submitted an accounting protocol (*Water Accountability Monitoring Program Protocol, SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment TCEQ Water Rights Permit No. 5712, Montgomery County, Texas LJA Job No. 1282-1001*) that uses changes in reservoir elevation, evaporation calculations and flow measurements through a weir just downstream of the reservoir to balance inflows to the reservoir with outflows and calculate the volume of inflows that must be released when required to satisfy downstream senior and superior water rights. Staff reviewed the accounting plan and finds it adequate.

In addition, the Application requests to decrease the storage volume of the reservoir from 255 acre-feet to 199 acre-feet and to modify the existing dam to add outlets so that any inflows can be passed downstream if required to satisfy senior and superior water rights. Staff believes that the proposed reduction in reservoir storage volume and modifications to the existing dam, in conjunction with the accounting protocol discussed above, may be adequate to protect downstream water rights.

However, in addition to the accounting protocol, and modifications to the dam, and in consideration of limited surface water availability for new uses in the area of the application, staff's opinion is that any state water impounded in the reservoir should be considered as non-priority water to further protect downstream water rights.

Conclusion

Hydrology Staff is of the opinion that if the applicant maintains the reservoir in accordance with the approved accounting protocol, and any impounded inflows of state water are treated as non-priority water, the application will not affect downstream water rights. Therefore, Hydrology staff can support granting the application.

Staff recommends that the following special conditions be included in the amendment and that the amendment reflect any state water impounded in the

reservoir is impounded on a non-priority basis:

1. Permittee shall only impound state water as authorized under this amendment in accordance with the most recently approved *Water Accountability Monitoring Program Protocol, SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment TCEQ Water Rights Permit No. 5712, Montgomery County, Texas LJA Job No. 1282-1001.* Permittee shall maintain the protocol in electronic format and make it available upon request. Any modifications to the accounting protocol shall be approved by the Executive Director. Any modification to the accounting protocol that changes the permit terms, or that changes the method for determining reservoir inflows and outflows, must be in the form of an amendment to the permit. Should Permittee fail to maintain the accounting protocol or notify the Executive Director of any modifications to the protocol, Permittee shall immediately cease impoundment of water to the extent such impoundment is authorized in this amendment, and either apply to amend the permit, or voluntarily forfeit the amendment. If Permittee fails to amend the accounting protocol or forfeit the amendment, the Commission may begin proceedings to cancel the amendment. Permittee shall immediately notify the Executive Director upon modification of the accounting protocol and provide copies of the appropriate documents effectuating such changes.

2. Permittee shall install and maintain outlets in the dam such that inflows of state water can be passed downstream in quantities necessary to satisfy downstream senior and superior water rights when water is required by those users.

Texas Commission on Environmental Quality

INTEROFFICE MEMORANDUM

To: Sarah Henderson, Project Manager
Water Rights Permitting Team

Date: February 4, 2022

Through: Leslie Patterson, Team Leader
Resource Protection Team

From: George Gable, Aquatic Scientist
Resource Protection Team

Subject: SR Superior LLC
WRPERM 5712
CN603487182
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Environmental reviews of water right applications are conducted in accordance with applicable provisions of the Texas Water Code (TWC) and the administrative rules of the Texas Commission on Environmental Quality (TCEQ). The provisions applicable to environmental reviews can vary according to the type and the location of the authorization requested.

APPLICATION SUMMARY

Water Use Permit No. 5712 (Permit) authorizes SR Superior LLC (Applicant/ Permittee) to maintain a reservoir on an unnamed tributary of Lake Creek, San Jacinto River Basin, impounding 255 acre-feet of water for recreational use, with no right to divert, in Montgomery County.

The Permit includes Special Conditions Paragraph 1.a., which states, ”Permittee shall fill and maintain the reservoir at operating level at all times with ground water. Failure to maintain the reservoir full at all times may impact the downstream water rights and thus constitutes a violation of the permit conditions.”

Applicant requests to amend the Permit to remove Special Conditions Paragraph 1.a., requiring that the reservoir be maintained with groundwater, reduce the authorized storage volume to 199 acre-feet, and add an accounting plan to account for inflows and releases of state water.

ENVIRONMENTAL ANALYSIS

Aquatic and Riparian Habitats: The Applicant’s reservoir is located on an unnamed tributary of Lake Creek, an intermittent stream, in the Southern Tertiary Uplands ecoregion (Griffith *et. al.*, 2004).

The checklist for the San Jacinto River Basin identified 82 species of ichthyofauna occurring within West Fork San Jacinto hydrologic unit (United States Geologic Survey [USGS] code 12040101) (Hendrickson and Cohen 2015). The interior least tern (*Sternula antillarum athalassos*), Houston burrowing crayfish (*Fallicambarus houstonensis*), blackspot shiner (*Notropis atrocaudalis*), chub shiner (*Notropis potteri*), Sabine shiner (*Notropis sabinae*), a mayfly (*Tricorythodes curvatus*), Texas emerald dragonfly (*Somatochlora margarita*), Louisiana pigtoe (*Pleurobema riddellii*), sandbank pocketbook (*Lampsilis satura*), and alligator snapping turtle (*Macrochelys temminckii*), high-interest aquatic and aquatic-dependent species, have been determined to occur in Montgomery County (TPWD 2015). This amendment is not expected to have an effect on any high interest aquatic or aquatic-dependent species because no state water will be taken.

On April 20, 2011, the TCEQ adopted environmental flow standards for the Trinity and San Jacinto Rivers, and Galveston Bay (Title 30 Texas Administrative Code (TAC) Chapter 298 Subchapter B). These environmental flow standards are considered adequate to support a sound ecological environment (Title 30 TAC §298.210). The Applicant does not request a new appropriation of water or an amendment that increases the amount of water stored, taken, or diverted; therefore, the environmental flow standards do not apply. The Applicant's request is not expected to adversely impact aquatic and riparian habitats in the area.

Recreational Uses: The unnamed tributary has a presumed primary contact recreation 1 use (TCEQ 2018). The Applicant's request should not adversely impact recreational uses.

Water Quality: The unnamed tributary has a presumed minimal aquatic life use (TCEQ 2018). The Applicant's request should not adversely impact water quality.

Freshwater Inflows: Freshwater inflows are critical for maintaining the historical productivity of bays and estuaries along the Gulf Coast. The application does not request a new appropriation of water; therefore, the Applicant's request should not have any impact to Galveston Bay.

RECOMMENDATIONS

Resource Protection staff have no recommendations regarding this proposed amendment, if granted.

LITERATURE CITED

Griffith, G.E., Griffith, G.E., S.A. Bryce, J.M. Omernik, J.A. Comstock, A.C. Rogers, B. Harrison, S.L. Hatch, and D. Bezanson. 2004. Ecoregions of Texas. (2 sided color poster with map, descriptive text, and photographs). U.S. Geological Survey, Reston, VA. Scale 1:2,500,000.

Hendrickson DA, Cohen AE. 2015. Fishes of Texas Project Database [Internet]. [2022 February 16]; Version 2.0. Available from http://www.fishesoftexas.org/home/ doi:10.17603/C3WC70

TCEQ. 2018. Texas Surface Water Quality Standards §§307.1-307.10. Austin (TX): Texas Commission on Environmental Quality.

TPWD. 2015. TPWD County Lists of Texas Protected Species and Species of Greatest Conservation Need [Internet]. Austin (TX): Montgomery County, revised October 1, 2021. [2022 February 16]. Available from

George M. Gable IV

George Gable, Aquatic Scientist

Texas Commission on Environmental Quality

INTEROFFICE MEMORANDUM

To: Sarah Henderson, Project Manager
Water Rights Permitting Team

Date: February 4, 2022

Through: Leslie Patterson, Team Leader
Resource Protection Team

Jennifer Allis, Senior Water Conservation Specialist
Resource Protection Team

From: Trent Jennings, Water Conservation Specialist
Resource Protection Team

Subject: SR Superior LLC
WRPERM 5712
CN603487182
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

APPLICATION SUMMARY

Water Use Permit No. 5712 (Permit) authorizes SR Superior LLC (Applicant/ Permittee) to maintain a reservoir on an unnamed tributary of Lake Creek, San Jacinto River Basin impounding 255 acre-feet of water for recreational use, with no right to divert, in Montgomery County.

The Permit includes Special Conditions Paragraph 1.a., which states, "Permittee shall fill and maintain the reservoir at operating level at all times with ground water. Failure to maintain the reservoir full at all times may impact the downstream water rights and thus constitutes a violation of the permit conditions."

Applicant requests to amend the Permit to remove Special Conditions Paragraph 1.a., requiring that the reservoir be maintained with groundwater, reduce the authorized storage volume to 199 acre-feet, and add an accounting plan to account for inflows and releases of state water.

WATER CONSERVATION REVIEW

Pursuant to Title 30 Texas Administrative Code §295.9, a water conservation plan is not required to be submitted for this application.

The application is consistent with the 2021 Region H Water Plan and the 2022 State Water Plan because there is nothing in the water plans that conflicts with issuing this proposed amendment.

RECOMMENDATIONS

Resource Protection Staff have no recommendations regarding the proposed amendment, if granted.

Trent Jennings

Trent Jennings, Water Conservation Specialist

Texas Commission on Environmental Quality

INTEROFFICE MEMORANDUM

To: Sarah Henderson
Water Rights Permitting Team

Date: March 12, 2012

Thru:

From: Warren D. Samuelson, P. E., Manager
Dam Safety Section MC-177

Subject: SR Superior, LLC, Application to amend Permit No. 5712 to modify and maintain a dam and reservoir, unnamed tributary Lake Creek, San Jacinto River Basin, Montgomery County

The applicant seeks authorization to modify and maintain a dam on an unnamed tributary of Lake Creek in Montgomery County. The dam, as modified, will impound a capacity of 199 acre-feet.

The Dam Safety Program will review the final design of the dam with the owner's engineer, LJA Engineering, Inc., in conjunction with final construction plans and specifications after issuance of this permit. Plans and specifications have not been submitted.

It is recommended that the permit include the following language:

TIME LIMITATIONS

A. Modification of the dam must be in accordance with the plans and specifications approved by the Executive Director. Modification of the dam without final approval of the plans and specifications is a violation of this authorization.

B. Modification shall begin within two years of issuance of this permit and be completed within three years of issuance of the permit, unless Permittee applies for and is subsequently granted an extension of time before the expiration of these time limitations.

C. Failure to commence modification of the dam within the period stated above shall subject all rights to this permit to forfeiture, subject to notice and hearing. After beginning modifications, failure to timely modify the dam and reservoir stated above shall subject this permit to cancellation in whole or in part, subject to notice and hearing, and removal of the dam.

Warren D. Samuelson

Warren D. Samuelson, P. E., Manager
Dam Safety Section

Sarah Henderson

From: David Rivera <[redacted]>
Sent: Thursday, October 14, 2021 4:50 PM
To: Sarah Henderson
Subject: RE: SR Superior WRPERM No. 5712A
Attachments: SRSuperior_5712A_TechRFI5_20Sept2021.pdf; SRSuperior_5712A_TechRFI5_20Sept2021 - SR Superior TCEQ Lake A Sample.xlsx; SRSuperior_5712A_20211014.pdf

Sarah,

Please see the attached response to the comments you provided on Sept 20th. I included your original comment letter so you wouldn't have to pull that when you receive this. Please feel free to call and talk to me if you have any questions. My contact info is below.

David Rivera, P.E.
Vice President
LJA Engineering | We Build Civilization
Katy
1904 West Grand Parkway North suite 100
Katy, Tx 77449
Phone:713.953.5277
Fax:713.953.5026
[redacted]
E: [redacted]
W: www.ljaengineering.com

From: Sarah Henderson <sarah.henderson@tceq.texas.gov>
Sent: Monday, September 20, 2021 12:22 PM
To: David Rivera <[redacted]>
Subject: SR Superior WRPERM No. 5712A

[EXTERNAL EMAIL]

Mr. Rivera,
Please find the attached letter requesting additional information regarding the referenced water use amendment application.
A response is requested by October 20, 2021.
Feel free to contact me with any questions.

Sincerely,
Sarah

Sarah Henderson
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
P.O. Box 13087/MC-160
Austin, TX 78711-3087
(P) 512.239.2535
(F) 512.239.4770

LJA ENGINEERING

1904 W Grand Parkway N, Suite 100, Katy, Texas 77449
t 713.953.5200 f 713.953.5026 LJA.com TBPE F-1386

October 13, 2021

Ms. Sarah Henderson, Project Manager
Texas Commission on Environmental Quality (TCEQ)
Attn: Water Rights Permitting & Availability Section
P.O. Box 13087/MC-160
Austin, Texas 78711-3087

Re: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Montgomery County, Texas
LJA Job No. 1282-1001 (6.0)

Dear Ms. Henderson:

On behalf of SR Superior, LLC (owner of the above mentioned facility), LJA Engineering, Inc. (LJA) would like to submit this letter to the TCEQ as a response to the letter dated September 20, 2021 indicating the request for additional information. A response has been added after each comment to provide clarification or additional information.

Comments & Responses

1. Clarify whether the weir that was added upstream of Lake A will be used as part of the accounting protocol. It is Staff's understanding that only the weir downstream of Lake A will be used for the accounting protocol. However, the response to Item 1, indicates that the upstream weir will also be used to monitor the lake.
RESPONSE: **Access to the upstream side of Lake A has been an issue in the past, which is why monitoring the lake via daily readings was the chosen method. There is a possibility of gaining access to the upstream side, which is being investigated. However it would likely be a long term option, depending on a variety of factors. It is noted as an alternative method that is being explored to check the incoming flow. The north monitoring station would be to monitor what actually comes into the lake and will only be constructed if access easements can be secured.**

2. Revise the spreadsheet and text description to address the following issues:

a. Column G – Instantaneous Daily Flow (ft^3):

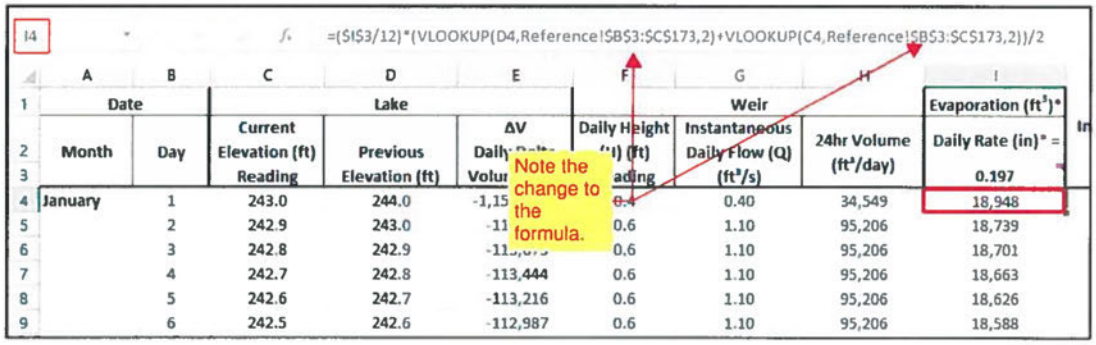
The text description and the spreadsheet must be consistent, and both should state that the weir will be read daily. Staff acknowledges that the headers for Columns F & G include the word "Daily". However, the text of the description states that "…H is the height that is read off the weir weekly…".

RESPONSE: **The description for 'Column G' in the protocol has been changed to "daily".**

> *Column G*
> Instantaneous Daily Flow ($\frac{ft^3}{s}$): =(8/15)*(0.57)*((2*32.2)^0.5)*TAN(90/2)*F4^(5/2)
> This column is generated from the equation for flow through a V-shaped weir. The equation is: $Q=\frac{8}{15}k\sqrt{2g}\tan\frac{\theta}{2}H^{\frac{5}{2}}$ For this exercise k is a constant, $k = 0.57$, g is gravity, $g = 32.2\frac{ft}{s^2}$, θ is the angle of the V-shaped weir, $\theta = 90^{\circ}$, and H is the height that is read off the weir daily or for 3 days after a measurable increase in volume within the lake. The units for this column are $\frac{ft^3}{s}$.

b. Col I - Evaporation (ft^3):

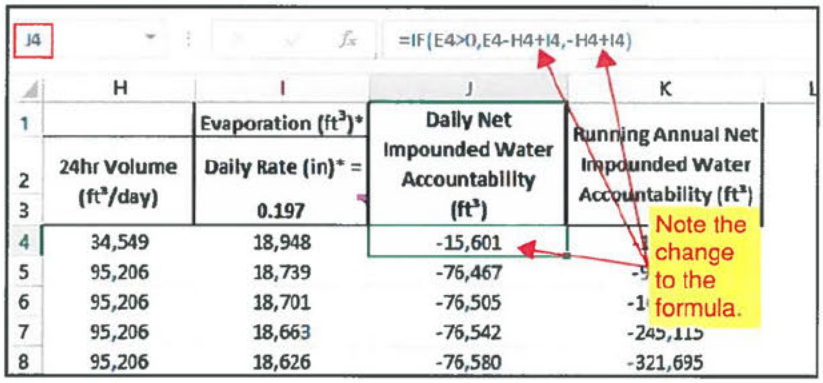
The cell range in the referenced table (Reference!B3:C173) should be locked in both places in the formula.
RESPONSE: **The reference cells have been locked. See screenshot below.**



	A	B	C	D	E	F	G	H	I
1	Date		Lake				Weir		Evaporation (ft^3)*
2	Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Volu	Daily Height (H) (ft) ading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197
4	January	1	243.0	244.0	-1,15	0.4	0.40	34,549	18,948
5		2	242.9	243.0	-11	0.6	1.10	95,206	18,739
6		3	242.8	242.9	-11	0.6	1.10	95,206	18,701
7		4	242.7	242.8	-113,444	0.6	1.10	95,206	18,663
8		5	242.6	242.7	-113,216	0.6	1.10	95,206	18,626
9		6	242.5	242.6	-112,987	0.6	1.10	95,206	18,588

c. Column J – Daily Net Impounded Water Accountability (ft^3):

i. The calculation in the spreadsheet should add evaporation rather than subtracting it in both places in the formula. The response to item 6.c.i indicates that this change was made, however the spreadsheet provided with the response does not reflect the change.
RESPONSE: **The spreadsheet has been revised. See screenshot below.**



ii. Explain why the calculation in the spreadsheet was changed to reference Column B (Day) instead of Column E (ΔV Daily Delta Volume (ft³). Staff believes that Column E is the correct reference.
RESPONSE: **This has been corrected. See screenshot above.**

iii. The current text description, including the formula in the title (E4-H4+I4), is not consistent with the current formula in the spreadsheet (=IF(B4>0,B4-H4-I4,-H4-I4). The text description and the spreadsheet must be consistent.
RESPONSE: **The formula has been corrected to match. See screenshot below.**

Column J
Daily Net Impounded Water Accountability (ft³): =IF(E4>0,E4-H4+I4,-H4+I4)
This column calculates the Daily Net Impounded Water (Delta Volume, minus the 24hr Volume, plus the Evaporation). If a positive number occurs then the lake has retained water. If a negative number is produced then the lake has lost water.

Having addressed the comments listed above, we request that the TCEQ approve the permit amendment. If additional clarification is needed on any of the above comments, please do not hesitate to contact me at any time at 713.953.5277 or by email at [redacted].

Sincerely,

David A.Rivera, PE
Vice President

DAR/sb

STATE OF TEXAS
DAVID A. RIVERA
98385
LICENSED
PROFESSIONAL ENGINEER
10-13-21

O:\LAND\1282\1282-1001\TCEQ_Henderson_WRPerm5712_Response_10202021.doc

Water Accountability Monitoring Program Protocol
(Excel Workbook Description)

SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment
TCEQ Water Rights Permit No. 5712, Montgomery County, Texas
LJA Job No. 1282-1001

The Water Accounting Monitoring Program Protocol is detailed in an Excel Workbook containing two worksheets titled: "Year __" and "Reference". The "Year __" worksheet is used to determine the daily net impounded water and the current year total of water being impounded given the lake water elevation, a height reading from a weir monitoring outflow, and the daily average lake evaporation. The "Reference" worksheet utilizes the changes in lake elevation by the tenth of a foot to determine the lake surface area and is used for the Vlookup commands in the "Year __" worksheet.

This accountability protocol is intended to demonstrate that there is no impounding of state water. If the monitoring shows otherwise, the proposed 6-inch valve can be opened at the direction of the TCEQ to allow outflow that will be monitored until readings indicate no impoundment.

Worksheet 1: "Year __"

Column A
Month: represents what calendar month it is.

Column B
Day: represents what day of the month it is.

Columns C through E
Reference the water in the lake

Column C - Current Elevation (ft): A daily input of the lake's current elevation.
Note: The proposed 24-inch pipe will allow discharge of lake water at an elevation of 243 feet or greater. In an extreme rainfall the elevation could potentially rise above an elevation of 243 feet, but only temporarily.

Column D
Previous Elevation (ft): Represents the previous day's elevation so that the change in water elevation can be determined. The value of the previous elevation is automatically generated based on the input for current elevation for the previous day. Current elevation day one is cell C4, once a number is put into that cell it is copied into cell D5, cell D5 equals cell C4. This equation is copied down the entire column so cell D6 equals cell C5, cell D7 equals cell C6 and so forth. This cell is locked and cannot be edited.

Column E

Daily Delta Volume (ft³): =
(VLOOKUP(D4,Reference!$B$3:$C$173,2)+VLOOKUP(C4,Reference!$B$3:$C$173,2))/2(C4-D4)*

This represents the daily change in the lake's volume given the change in the lake water's elevation. VLOOKUP is used to find the areas that correlate with the previous elevation (D column) and current elevation (C column) from the reference sheet's B and C columns. Once these areas are found they are averaged together and multiplied by the change in height to get the change in volume. This is noted in the cell as a positive or negative value relative to the previous elevation.

Columns F through H

Reference the outflow of water through the weir.

Column F

Height (ft): This column requires a daily input from a reading on the weir. If a reading is missed, the previous day's value will be used until a reading is taken on subsequent days.

Column G

Instantaneous Daily Flow ($\frac{ft^3}{s}$): =(8/15)*(0.57)*((2*32.2)^0.5)*TAN(90/2)*F4^(5/2)

This column is generated from the equation for flow through a V-shaped weir. The equation is: Q= $\frac{8}{15}k\sqrt{2g}\ \tan\frac{\theta}{2}\ \mathrm{H}^{\frac{5}{2}}$ For this exercise k is a constant, $k = 0.57$, g is gravity, $g = 32.2\frac{ft}{s^2}$, θ is the angle of the V-shaped weir, $\theta = 90^{\circ}$, and H is the height that is read off the weir daily or for 3 days after a measurable increase in volume within the lake. The units for this column are $\frac{ft^3}{s}$.

Column H

24hr Volume ($\frac{ft^3}{day}$): =G4*24*60*60

This is a simple unit conversion to go from $\frac{ft^3}{s}$ to $\frac{ft^3}{day}$.

$1\frac{ft^3}{s}\times\frac{60\cancel{s}}{\cancel{min}}\times\frac{60\ \cancel{min}}{\cancel{hr}}\times\frac{24\cancel{hr}}{day} = 86{,}400\frac{ft^3}{day}$. The reading from the weir is only taken once a day so units have to be converted so it can represent the entire day of outflow from the lake.

Column I

Evaporation (ft³): =
($I$3/12)*(VLOOKUP(D4,reference!$B$3:$C$173,2)+VLOOKUP(C4,reference!$B$3:$C$173,2))/2

Cell I3 is the month's daily average evaporation in inches. The TCEQ provided a table of net evaporation rates in feet in a letter dated November 18, 2013. The evaporation rate is converted to inches by multiplying by 12 inches per foot and then divided by the number of days in that particular month to get a daily evaporation rate.

The daily evaporation rate in cell I3 in inches is then divided by 12 to change the units to feet. The daily average evaporation in feet is then multiplied by the average of the VLOOKUP for the surface areas that correlate to the Previous Elevation (Column D) and the Current Elevation (Column C).

Column J
Daily Net Impounded Water Accountability (ft^3): =IF(E4>0,E4-H4+I4,-H4+I4)
This column calculates the Daily Net Impounded Water (Delta Volume, minus the 24hr Volume, plus the Evaporation). If a positive number occurs then the lake has retained water. If a negative number is produced then the lake has lost water.

Column K
Running Annual Net Impounded Water Accountability (ft^3): =J4+K3
This takes the Net Impounded Water (Column J), and adds it with the previous total for the year. This number can be checked monthly, quarterly, or annually to get a running average to verify the lake is not retaining water.

Worksheet 2: "reference"

Column B
Elevation (ft): This is the elevation from the top of the dam to the bottom of the lake given in tenths of a foot for accuracy when used in calculations.

Column C
Area (ft^2): =($C$13-$C$3)/($B$13-$B$3)*(B4-$B$3)+$C$3
Areas were determined for elevations at every foot as determined in a CAD drawing of the lake. The tenth of foot areas in the column were interpolated based off exact feet elevations and areas.

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Impounded Water Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
January	1	243.0	244.0	-1,151,731	0.4	0.40	34,549	18,948	-15,601	-15,601
	2	242.9	243.0	-113,902	0.6	1.10	95,206	18,739	-76,467	-92,068
	3	242.8	242.9	-113,673	0.6	1.10	95,206	18,701	-76,505	-168,573
	4	242.7	242.8	-113,444	0.6	1.10	95,206	18,663	-76,542	-245,115
	5	242.6	242.7	-113,216	0.6	1.10	95,206	18,626	-76,580	-321,695
	6	242.5	242.6	-112,987	0.6	1.10	95,206	18,588	-76,618	-398,313
	7	242.4	242.5	-112,758	0.6	1.10	95,206	18,551	-76,655	-474,968
	8	242.3	242.4	-112,529	0.6	1.10	95,206	18,513	-76,693	-551,661
	9	242.2	242.3	-112,301	0.5	0.70	60,355	18,475	-41,879	-593,540
	10	242.1	242.2	-112,072	0.5	0.70	60,355	18,438	-41,917	-635,457
	11	242.0	242.1	-111,843	0.6	1.10	95,206	18,400	-76,806	-712,263
	12	241.9	242.0	-111,616	0.6	1.10	95,206	18,363	-76,843	-789,106
	13	241.8	241.9	-111,390	0.6	1.10	95,206	18,325	-76,880	-865,986
	14	241.8	241.8	0	0.5	0.70	60,355	18,307	-42,048	-908,034
	15	241.6	241.8	-222,101	0.5	0.70	60,355	18,270	-42,085	-950,119
	16	241.5	241.6	-110,711	0.6	1.10	95,206	18,214	-76,992	-1,027,111
	17	241.4	241.5	-110,485	0.6	1.10	95,206	18,177	-77,029	-1,104,140
	18	241.3	241.4	-110,259	0.6	1.10	95,206	18,139	-77,066	-1,181,206
	19	241.2	241.3	-110,033	0.6	1.10	95,206	18,102	-77,104	-1,258,310
	20	241.1	241.2	-109,806	0.6	1.10	95,206	18,065	-77,141	-1,335,451
	21	241.0	241.1	-109,580	0.6	1.10	95,206	18,028	-77,178	-1,412,629
	22	240.9	241.0	-109,355	0.6	1.10	95,206	17,991	-77,215	-1,489,844
	23	240.8	240.9	-109,131	0.6	1.10	95,206	17,954	-77,252	-1,567,096
	24	240.7	240.8	-108,907	0.5	0.70	60,355	17,917	-42,438	-1,609,533
	25	240.6	240.7	-108,683	0.4	0.40	34,549	17,880	-16,669	-1,626,202
	26	242.0	240.6	1,542,102	0.5	0.70	60,355	18,121	1,499,868	-126,334
	27	241.7	242.0	-334,169	0.7	1.62	139,968	18,325	-121,643	-247,977
	28	241.4	241.7	-332,133	0.7	1.62	139,968	18,214	-121,755	-369,731
	29	241.1	241.4	-330,098	0.7	1.62	139,968	18,102	-121,866	-491,598
	30	241.0	241.1	-109,580	0.6	1.10	95,206	18,028	-77,178	-568,776
	31	240.7	241.0	-327,394	0.6	1.10	95,206	17,954	-77,252	-646,028
Total				**-3,713,785**			**2,755,245**	**567,116**		**-646,028**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
February	1	241.3	240.7	656,823	0.6	1.10	95,206	18,010	579,627	-66,401
	2	241.2	241.3	-110,033	0.6	1.10	95,206	18,102	-77,104	-143,505
	3	241.1	241.2	-109,806	0.5	0.70	60,355	18,065	-42,290	-185,794
	4	241.0	241.1	-109,580	0.4	0.40	34,549	18,028	-16,521	-202,315
	5	240.9	241.0	-109,355	0.4	0.40	34,549	17,991	-16,558	-218,874
	6	240.8	240.9	-109,131	0.3	0.19	16,830	17,954	1,124	-217,750
	7	240.5	240.8	-326,050	0.3	0.19	16,830	17,880	1,050	-216,700
	8	241.0	240.5	544,537	0.6	1.10	95,206	17,917	467,248	250,548
	9	240.4	241.0	-652,772	0.6	1.10	95,206	17,899	-77,307	173,241
	10	240.3	240.4	-108,012	0.6	1.10	95,206	17,770	-77,436	95,805
	11	240.1	240.3	-215,351	0.6	1.10	95,206	17,714	-77,491	18,313
	12	240.0	240.1	-107,340	0.5	0.70	60,355	17,659	-42,695	-24,382
	13	239.9	240.0	-107,117	0.5	0.70	60,355	17,622	-42,732	-67,114
	14	239.8	239.9	-106,895	0.5	0.70	60,355	17,586	-42,769	-109,883
	15	239.7	239.8	-106,673	0.5	0.70	60,355	17,549	-42,805	-152,688
	16	239.6	239.7	-106,451	0.5	0.70	60,355	17,513	-42,842	-195,530
	17	239.5	239.6	-106,229	0.4	0.40	34,549	17,476	-17,073	-212,602
	18	239.4	239.5	-106,007	0.4	0.40	34,549	17,440	-17,109	-229,712
	19	239.3	239.4	-105,784	0.4	0.40	34,549	17,403	-17,146	-246,857
	20	239.2	239.3	-105,562	0.4	0.40	34,549	17,367	-17,182	-264,040
	21	239.1	239.2	-105,340	0.4	0.40	34,549	17,330	-17,219	-281,258
	22	239.0	239.1	-105,118	0.3	0.19	16,830	17,294	463	-280,795
	23	238.9	239.0	-104,897	0.3	0.19	16,830	17,257	427	-280,368
	25	238.8	238.9	-104,677	0.3	0.19	16,830	17,221	391	-279,977
	26	238.7	238.8	-104,457	0.3	0.19	16,830	17,185	355	-279,622
	27	238.6	238.7	-104,237	0.4	0.40	34,549	17,149	-17,400	-297,022
	28	238.5	238.6	-104,017	0.4	0.40	34,549	17,113	-17,436	-314,459
	29	238.4	238.5	-103,797	0.3	0.19	16,830	17,076	246	-314,213
Total				**-2,443,331**			**1,362,113**	**492,569**		**-314,213**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
March	1	239.8	238.4	1,473,298	0.5	0.70	60,355	17,313	1,430,257	1,116,044
	2	239.7	239.8	-106,673	0.5	0.70	60,355	17,549	-42,805	1,073,239
	3	239.5	239.7	-212,679	0.5	0.70	60,355	17,495	-42,860	1,030,379
	4	241.0	239.5	1,616,885	0.5	0.70	60,355	17,734	1,574,264	2,604,643
	5	240.9	241.0	-109,355	0.6	1.10	95,206	17,991	-77,215	2,527,428
	6	240.8	240.9	-109,131	0.5	0.70	60,355	17,954	-42,401	2,485,027
	7	240.7	240.8	-108,907	0.4	0.40	34,549	17,917	-16,632	2,468,395
	8	240.6	240.7	-108,683	0.4	0.40	34,549	17,880	-16,669	2,451,727
	9	240.5	240.6	-108,459	0.4	0.40	34,549	17,843	-16,706	2,435,021
	10	240.4	240.5	-108,236	0.4	0.40	34,549	17,806	-16,742	2,418,278
	11	240.3	240.4	-108,012	0.4	0.40	34,549	17,770	-16,779	2,401,499
	12	240.2	240.3	-107,788	0.4	0.40	34,549	17,733	-16,816	2,384,683
	13	240.1	240.2	-107,564	0.4	0.40	34,549	17,696	-16,853	2,367,830
	14	240.0	240.1	-107,340	0.4	0.40	34,549	17,659	-16,890	2,350,940
	15	239.9	240.0	-107,117	0.4	0.40	34,549	17,622	-16,927	2,334,014
	16	239.8	239.9	-106,895	0.6	1.10	95,206	17,586	-77,620	2,256,394
	17	241.7	239.8	2,069,423	0.7	1.62	139,968	17,919	1,947,374	4,203,767
	18	241.6	241.7	-110,937	0.7	1.62	139,968	18,251	-121,717	4,082,050
	19	241.5	241.6	-110,711	0.7	1.62	139,968	18,214	-121,755	3,960,295
	20	241.4	241.5	-110,485	0.7	1.62	139,968	18,177	-121,792	3,838,503
	21	241.3	241.4	-110,259	0.7	1.62	139,968	18,139	-121,829	3,716,674
	22	241.2	241.3	-110,033	0.7	1.62	139,968	18,102	-121,866	3,594,808
	23	241.1	241.2	-109,806	0.7	1.62	139,968	18,065	-121,904	3,472,905
	24	241.0	241.1	-109,580	0.6	1.10	95,206	18,028	-77,178	3,395,726
	25	240.9	241.0	-109,355	0.6	1.10	95,206	17,991	-77,215	3,318,511
	26	240.8	240.9	-109,131	0.6	1.10	95,206	17,954	-77,252	3,241,260
	27	240.7	240.8	-108,907	0.6	1.10	95,206	17,917	-77,289	3,163,971
	28	240.6	240.7	-108,683	0.6	1.10	95,206	17,880	-77,326	3,086,645
	29	240.5	240.6	-108,459	0.6	1.10	95,206	17,843	-77,362	3,009,283
	30	240.4	240.5	-108,236	0.6	1.10	95,206	17,806	-77,399	2,931,884
	31	241.5	240.4	1,202,968	0.6	1.10	95,206	17,992	1,125,754	4,057,638
Total				**3,321,154**			**2,544,550**	**553,825**		**4,057,638**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
April	1	240.3	241.5	-1,310,986	0.6	1.10	95,206	17,973	-77,233	3,980,405
	2	240.2	240.3	-107,788	0.5	0.70	60,355	17,733	-42,622	3,937,784
	3	240.1	240.2	-107,564	0.5	0.70	60,355	17,696	-42,659	3,895,125
	4	240.0	240.1	-107,340	0.5	0.70	60,355	17,659	-42,695	3,852,430
	5	239.9	240.0	-107,117	0.5	0.70	60,355	17,622	-42,732	3,809,697
	6	239.8	239.9	-106,895	0.5	0.70	60,355	17,586	-42,769	3,766,929
	7	239.7	239.8	-106,673	0.3	0.19	16,830	17,549	719	3,767,648
	8	239.5	239.7	-212,679	0.3	0.19	16,830	17,495	664	3,768,313
	9	241.0	239.5	1,616,885	0.6	1.10	95,206	17,734	1,539,413	5,307,725
	10	240.9	241.0	-109,355	0.6	1.10	95,206	17,991	-77,215	5,230,510
	11	240.8	240.9	-109,131	0.6	1.10	95,206	17,954	-77,252	5,153,258
	12	240.7	240.8	-108,907	0.6	1.10	95,206	17,917	-77,289	5,075,970
	13	240.6	240.7	-108,683	0.6	1.10	95,206	17,880	-77,326	4,998,644
	14	240.5	240.6	-108,459	0.6	1.10	95,206	17,843	-77,362	4,921,282
	15	240.4	240.5	-108,236	0.6	1.10	95,206	17,806	-77,399	4,843,882
	16	240.3	240.4	-108,012	0.5	0.70	60,355	17,770	-42,585	4,801,297
	17	240.2	240.3	-107,788	0.5	0.70	60,355	17,733	-42,622	4,758,676
	18	240.1	240.2	-107,564	0.5	0.70	60,355	17,696	-42,659	4,716,017
	19	240.0	240.1	-107,340	0.5	0.70	60,355	17,659	-42,695	4,673,322
	20	239.9	240.0	-107,117	0.5	0.70	60,355	17,622	-42,732	4,630,590
	21	239.8	239.9	-106,895	0.4	0.40	34,549	17,586	-16,963	4,613,627
	22	240.4	239.8	644,722	0.6	1.10	95,206	17,678	567,194	5,180,821
	23	240.3	240.4	-108,012	0.6	1.10	95,206	17,770	-77,436	5,103,385
	24	240.2	240.3	-107,788	0.6	1.10	95,206	17,733	-77,473	5,025,912
	25	240.1	240.2	-107,564	0.6	1.10	95,206	17,696	-77,510	4,948,402
	26	240.0	240.1	-107,340	0.6	1.10	95,206	17,659	-77,547	4,870,855
	27	239.9	240.0	-107,117	0.5	0.70	60,355	17,622	-42,732	4,828,123
	28	239.8	239.9	-106,895	0.5	0.70	60,355	17,586	-42,769	4,785,355
	29	239.7	239.8	-106,673	0.5	0.70	60,355	17,549	-42,805	4,742,549
	30	239.6	239.7	-106,451	0.5	0.70	60,355	17,513	-42,842	4,699,708
Total				**-2,060,758**			**2,150,848**	**531,311**		**4,699,708**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
May	1	237.5	239.6	-2,184,618	0.4	0.40	34,549	17,115	-17,434	4,682,273
	2	237.4	237.5	-101,610	0.4	0.40	34,549	16,717	-17,832	4,664,441
	3	237.3	237.4	-101,393	0.5	0.70	60,355	16,681	-43,674	4,620,767
	4	237.2	237.3	-101,175	0.5	0.70	60,355	16,645	-43,710	4,577,057
	5	237.1	237.2	-100,957	0.3	0.19	16,830	16,609	-221	4,576,836
	6	237.0	237.1	-100,740	0.4	0.40	34,549	16,573	-17,976	4,558,861
	7	236.9	237.0	-100,523	0.3	0.19	16,830	16,538	-292	4,558,568
	8	236.8	236.9	-100,308	0.3	0.19	16,830	16,502	-328	4,558,240
	9	236.7	236.8	-100,093	0.4	0.40	34,549	16,467	-18,082	4,540,158
	10	239.5	236.7	2,885,439	0.5	0.70	60,355	16,954	2,842,038	7,382,196
	11	239.4	239.5	-106,007	0.6	1.10	95,206	17,440	-77,766	7,304,430
	12	239.3	239.4	-105,784	0.6	1.10	95,206	17,403	-77,802	7,226,628
	13	239.2	239.3	-105,562	0.6	1.10	95,206	17,367	-77,839	7,148,789
	14	239.1	239.2	-105,340	0.5	0.70	60,355	17,330	-43,024	7,105,764
	15	239.0	239.1	-105,118	0.5	0.70	60,355	17,294	-43,061	7,062,704
	16	238.9	239.0	-104,897	0.5	0.70	60,355	17,257	-43,097	7,019,606
	17	238.8	238.9	-104,677	0.4	0.40	34,549	17,221	-17,328	7,002,278
	18	238.7	238.8	-104,457	0.4	0.40	34,549	17,185	-17,364	6,984,914
	19	238.6	238.7	-104,237	0.4	0.40	34,549	17,149	-17,400	6,967,514
	20	239.6	238.6	1,052,335	0.5	0.70	60,355	17,313	1,009,293	7,976,807
	21	239.5	239.6	-106,229	0.6	1.10	95,206	17,476	-77,729	7,899,078
	22	239.4	239.5	-106,007	0.6	1.10	95,206	17,440	-77,766	7,821,312
	23	239.3	239.4	-105,784	0.6	1.10	95,206	17,403	-77,802	7,743,509
	24	239.2	239.3	-105,562	0.5	0.70	60,355	17,367	-42,988	7,700,521
	25	239.1	239.2	-105,340	0.5	0.70	60,355	17,330	-43,024	7,657,497
	26	239.0	239.1	-105,118	0.5	0.70	60,355	17,294	-43,061	7,614,436
	27	238.9	239.0	-104,897	0.5	0.70	60,355	17,257	-43,097	7,571,339
	28	238.8	238.9	-104,677	0.4	0.40	34,549	17,221	-17,328	7,554,011
	29	238.7	238.8	-104,457	0.4	0.40	34,549	17,185	-17,364	7,536,647
	30	238.6	238.7	-104,237	0.4	0.40	34,549	17,149	-17,400	7,519,247
	31	238.5	238.6	-104,017	0.3	0.19	16,830	17,113	282	7,519,529
Total				**-1,156,051**			**1,647,945**	**529,992**		**7,519,529**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
June	1	236.3	238.5	-2,233,351	0.3	0.19	16,830	16,701	-129	7,519,400
	2	236.2	236.3	-99,017	0.3	0.19	16,830	16,290	-540	7,518,860
	3	236.1	236.2	-98,802	0.3	0.19	16,830	16,254	-576	7,518,284
	4	236.0	236.1	-98,586	0.3	0.19	16,830	16,219	-611	7,517,673
	5	235.9	236.0	-98,372	0.3	0.19	16,830	16,184	-646	7,517,027
	6	235.8	235.9	-98,159	0.3	0.19	16,830	16,149	-681	7,516,345
	7	235.7	235.8	-97,945	0.3	0.19	16,830	16,114	-717	7,515,628
	8	235.6	235.7	-97,732	0.3	0.19	16,830	16,078	-752	7,514,877
	9	243.0	235.6	7,830,733	2.0	22.35	1,931,346	17,409	5,916,797	13,431,674
	10	242.9	243.0	-113,902	0.7	1.62	139,968	18,739	-121,230	13,310,444
	11	242.8	242.9	-113,673	0.7	1.62	139,968	18,701	-121,267	13,189,177
	12	242.7	242.8	-113,444	0.7	1.62	139,968	18,663	-121,305	13,067,872
	13	242.6	242.7	-113,216	0.7	1.62	139,968	18,626	-121,343	12,946,529
	14	242.5	242.6	-112,987	0.7	1.62	139,968	18,588	-121,380	12,825,149
	15	242.4	242.5	-112,758	0.6	1.10	95,206	18,551	-76,655	12,748,494
	16	242.3	242.4	-112,529	0.6	1.10	95,206	18,513	-76,693	12,671,801
	17	242.2	242.3	-112,301	0.6	1.10	95,206	18,475	-76,730	12,595,070
	18	242.1	242.2	-112,072	0.6	1.10	95,206	18,438	-76,768	12,518,302
	19	242.0	242.1	-111,843	0.6	1.10	95,206	18,400	-76,806	12,441,496
	20	241.9	242.0	-111,616	0.6	1.10	95,206	18,363	-76,843	12,364,653
	21	241.8	241.9	-111,390	0.6	1.10	95,206	18,325	-76,880	12,287,773
	22	241.7	241.8	-111,163	0.6	1.10	95,206	18,288	-76,918	12,210,855
	23	243.0	241.7	1,462,933	1.7	14.89	1,286,493	18,514	194,954	12,405,809
	24	242.9	243.0	-113,902	0.7	1.62	139,968	18,739	-121,230	12,284,579
	25	242.8	242.9	-113,673	0.7	1.62	139,968	18,701	-121,267	12,163,312
	26	242.7	242.8	-113,444	0.7	1.62	139,968	18,663	-121,305	12,042,007
	27	242.6	242.7	-113,216	0.7	1.62	139,968	18,626	-121,343	11,920,664
	28	242.5	242.6	-112,987	0.7	1.62	139,968	18,588	-121,380	11,799,284
	29	242.4	242.5	-112,758	0.7	1.62	139,968	18,551	-121,418	11,677,866
	30	242.3	242.4	-112,529	0.7	1.62	139,968	18,513	-121,456	11,556,411
Total				**4,116,299**			**5,793,747**	**536,962**		**11,556,411**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
July	1	240.2	242.3	-2,310,953	0.6	1.10	95,206	18,104	-77,101	11,479,309
	2	240.1	240.2	-107,564	0.8	2.26	195,438	17,696	-177,742	11,301,567
	3	240.0	240.1	-107,340	0.6	1.10	95,206	17,659	-77,547	11,224,020
	4	239.9	240.0	-107,117	0.6	1.10	95,206	17,622	-77,583	11,146,437
	5	239.8	239.9	-106,895	0.6	1.10	95,206	17,586	-77,620	11,068,817
	6	239.7	239.8	-106,673	0.6	1.10	95,206	17,549	-77,656	10,991,161
	7	239.6	239.7	-106,451	0.6	1.10	95,206	17,513	-77,693	10,913,468
	8	239.5	239.6	-106,229	0.6	1.10	95,206	17,476	-77,729	10,835,738
	9	239.4	239.5	-106,007	0.6	1.10	95,206	17,440	-77,766	10,757,972
	10	239.3	239.4	-105,784	0.6	1.10	95,206	17,403	-77,802	10,680,170
	11	239.2	239.3	-105,562	0.6	1.10	95,206	17,367	-77,839	10,602,331
	12	239.1	239.2	-105,340	0.6	1.10	95,206	17,330	-77,876	10,524,455
	13	243.0	239.1	4,275,289	1.5	10.89	940,834	18,035	3,352,489	13,876,944
	14	242.9	243.0	-113,902	0.7	1.62	139,968	18,739	-121,230	13,755,715
	15	242.8	242.9	-113,673	0.7	1.62	139,968	18,701	-121,267	13,634,447
	16	242.7	242.8	-113,444	0.7	1.62	139,968	18,663	-121,305	13,513,142
	17	242.6	242.7	-113,216	0.7	1.62	139,968	18,626	-121,343	13,391,800
	18	242.5	242.6	-112,987	0.7	1.62	139,968	18,588	-121,380	13,270,419
	19	242.4	242.5	-112,758	0.6	1.10	95,206	18,551	-76,655	13,193,764
	20	242.3	242.4	-112,529	0.6	1.10	95,206	18,513	-76,693	13,117,071
	21	242.2	242.3	-112,301	0.6	1.10	95,206	18,475	-76,730	13,040,341
	22	242.1	242.2	-112,072	0.6	1.10	95,206	18,438	-76,768	12,963,573
	23	242.0	242.1	-111,843	0.6	1.10	95,206	18,400	-76,806	12,886,767
	24	241.9	242.0	-111,616	0.6	1.10	95,206	18,363	-76,843	12,809,924
	25	241.8	241.9	-111,390	0.6	1.10	95,206	18,325	-76,880	12,733,043
	26	241.7	241.8	-111,163	0.6	1.10	95,206	18,288	-76,918	12,656,126
	27	241.6	241.7	-110,937	0.6	1.10	95,206	18,251	-76,955	12,579,171
	28	241.5	241.6	-110,711	0.6	1.10	95,206	18,214	-76,992	12,502,179
	29	241.4	241.5	-110,485	0.6	1.10	95,206	18,177	-77,029	12,425,150
	30	241.3	241.4	-110,259	0.6	1.10	95,206	18,139	-77,066	12,348,084
	31	241.2	241.3	-110,033	0.6	1.10	95,206	18,102	-77,104	12,270,980
Total				-1,221,944			4,121,053	560,333		12,270,980

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
August	1	239.1	241.2	-2,259,061	0.6	1.10	95,206	17,698	-77,508	12,193,472
	2	239.0	239.1	-105,118	0.6	1.10	95,206	17,294	-77,912	12,115,560
	3	238.9	239.0	-104,897	0.6	1.10	95,206	17,257	-77,948	12,037,611
	4	238.8	238.9	-104,677	0.6	1.10	95,206	17,221	-77,985	11,959,627
	5	238.7	238.8	-104,457	0.6	1.10	95,206	17,185	-78,021	11,881,606
	6	238.6	238.7	-104,237	0.6	1.10	95,206	17,149	-78,057	11,803,549
	7	238.5	238.6	-104,017	0.6	1.10	95,206	17,113	-78,093	11,725,456
	8	238.4	238.5	-103,797	0.6	1.10	95,206	17,076	-78,129	11,647,326
	9	238.3	238.4	-103,577	0.6	1.10	95,206	17,040	-78,166	11,569,161
	10	238.2	238.3	-103,357	0.6	1.10	95,206	17,004	-78,202	11,490,959
	11	238.1	238.2	-103,138	0.6	1.10	95,206	16,968	-78,238	11,412,721
	12	238.0	238.1	-102,918	0.5	0.70	60,355	16,932	-43,423	11,369,298
	13	237.9	238.0	-102,699	0.5	0.70	60,355	16,896	-43,459	11,325,839
	14	237.8	237.9	-102,481	0.5	0.70	60,355	16,860	-43,495	11,282,344
	15	237.7	237.8	-102,263	0.5	0.70	60,355	16,824	-43,531	11,238,814
	16	237.6	237.7	-102,046	0.5	0.70	60,355	16,788	-43,566	11,195,247
	17	237.5	237.6	-101,828	0.5	0.70	60,355	16,752	-43,602	11,151,645
	18	237.4	237.5	-101,610	0.5	0.70	60,355	16,717	-43,638	11,108,007
	19	237.3	237.4	-101,393	0.5	0.70	60,355	16,681	-43,674	11,064,333
	20	237.2	237.3	-101,175	0.5	0.70	60,355	16,645	-43,710	11,020,624
	21	237.1	237.2	-100,957	0.4	0.40	34,549	16,609	-17,940	11,002,684
	22	237.0	237.1	-100,740	0.4	0.40	34,549	16,573	-17,976	10,984,708
	23	236.9	237.0	-100,523	0.4	0.40	34,549	16,538	-18,011	10,966,697
	24	237.4	236.9	504,793	0.5	0.70	60,355	16,609	461,048	11,427,745
	25	237.3	237.4	-101,393	0.5	0.70	60,355	16,681	-43,674	11,384,071
	26	237.2	237.3	-101,175	0.5	0.70	60,355	16,645	-43,710	11,340,361
	27	237.1	237.2	-100,957	0.5	0.70	60,355	16,609	-43,745	11,296,616
	28	237.0	237.1	-100,740	0.4	0.40	34,549	16,573	-17,976	11,278,640
	29	236.9	237.0	-100,523	0.4	0.40	34,549	16,538	-18,011	11,260,629
	30	236.8	236.9	-100,308	0.4	0.40	34,549	16,502	-18,047	11,242,582
	31	236.7	236.8	-100,093	0.4	0.40	34,549	16,467	-18,082	11,224,500
Total				-4,721,365			2,073,715	522,442		11,224,500

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
September	1	234.6	236.7	-2,052,563	0.4	0.40	34,549	16,080	-18,469	11,206,031
	2	234.5	234.6	-95,391	0.6	1.10	95,206	15,693	-79,512	11,126,519
	3	234.4	234.5	-95,179	0.5	0.70	60,355	15,659	-44,696	11,081,823
	4	234.3	234.4	-94,967	0.4	0.40	34,549	15,624	-18,925	11,062,897
	5	234.2	234.3	-94,755	0.4	0.40	34,549	15,589	-18,960	11,043,937
	6	234.1	234.2	-94,544	0.4	0.40	34,549	15,554	-18,995	11,024,942
	7	243.0	234.1	9,276,198	1.1	5.01	433,278	17,147	8,860,067	19,885,009
	8	242.9	243.0	-113,902	0.7	1.62	139,968	18,739	-121,230	19,763,779
	9	242.8	242.9	-113,673	0.7	1.62	139,968	18,701	-121,267	19,642,512
	10	242.7	242.8	-113,444	0.7	1.62	139,968	18,663	-121,305	19,521,207
	11	242.6	242.7	-113,216	0.7	1.62	139,968	18,626	-121,343	19,399,864
	12	242.5	242.6	-112,987	0.7	1.62	139,968	18,588	-121,380	19,278,484
	13	242.4	242.5	-112,758	0.6	1.10	95,206	18,551	-76,655	19,201,828
	14	242.3	242.4	-112,529	0.6	1.10	95,206	18,513	-76,693	19,125,136
	15	242.2	242.3	-112,301	0.6	1.10	95,206	18,475	-76,730	19,048,405
	16	242.1	242.2	-112,072	0.6	1.10	95,206	18,438	-76,768	18,971,637
	17	243.0	242.1	1,016,882	0.9	3.04	262,356	18,588	773,114	19,744,751
	18	242.9	243.0	-113,902	0.8	2.26	195,438	18,739	-176,700	19,568,052
	19	242.8	242.9	-113,673	0.7	1.62	139,968	18,701	-121,267	19,446,784
	20	242.7	242.8	-113,444	0.7	1.62	139,968	18,663	-121,305	19,325,479
	21	242.6	242.7	-113,216	0.7	1.62	139,968	18,626	-121,343	19,204,137
	22	242.5	242.6	-112,987	0.7	1.62	139,968	18,588	-121,380	19,082,756
	23	242.4	242.5	-112,758	0.7	1.62	139,968	18,551	-121,418	18,961,339
	24	242.3	242.4	-112,529	0.6	1.10	95,206	18,513	-76,693	18,884,646
	25	242.2	242.3	-112,301	0.6	1.10	95,206	18,475	-76,730	18,807,915
	26	242.1	242.2	-112,072	0.6	1.10	95,206	18,438	-76,768	18,731,147
	27	242.0	242.1	-111,843	0.6	1.10	95,206	18,400	-76,806	18,654,341
	28	241.9	242.0	-111,616	0.6	1.10	95,206	18,363	-76,843	18,577,498
	29	241.8	241.9	-111,390	0.6	1.10	95,206	18,325	-76,880	18,500,618
	30	241.7	241.8	-111,163	0.6	1.10	95,206	18,288	-76,918	18,423,700
Total				**5,285,904**			**3,631,776**	**537,897**		**18,423,700**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
October	1	239.6	241.7	-2,282,594	0.6	1.10	95,206	17,882	-77,324	18,346,377
	2	239.5	239.6	-106,229	0.6	1.10	95,206	17,476	-77,729	18,268,647
	3	239.4	239.5	-106,007	0.6	1.10	95,206	17,440	-77,766	18,190,881
	4	240.4	239.4	1,070,095	0.7	1.62	139,968	17,605	947,732	19,138,613
	5	240.3	240.4	-108,012	0.7	1.62	139,968	17,770	-122,199	19,016,414
	6	240.2	240.3	-107,788	0.7	1.62	139,968	17,733	-122,236	18,894,179
	7	240.1	240.2	-107,564	0.7	1.62	139,968	17,696	-122,272	18,771,906
	8	240.0	240.1	-107,340	0.6	1.10	95,206	17,659	-77,547	18,694,359
	9	239.9	240.0	-107,117	0.6	1.10	95,206	17,622	-77,583	18,616,776
	10	239.8	239.9	-106,895	0.6	1.10	95,206	17,586	-77,620	18,539,156
	11	239.7	239.8	-106,673	0.6	1.10	95,206	17,549	-77,656	18,461,500
	12	240.2	239.7	535,594	0.7	1.62	139,968	17,623	413,248	18,874,748
	13	240.1	240.2	-107,564	0.7	1.62	139,968	17,696	-122,272	18,752,475
	14	240.0	240.1	-107,340	0.7	1.62	139,968	17,659	-122,309	18,630,166
	15	239.9	240.0	-107,117	0.7	1.62	139,968	17,622	-122,346	18,507,820
	16	239.8	239.9	-106,895	0.7	1.62	139,968	17,586	-122,383	18,385,438
	17	239.7	239.8	-106,673	0.6	1.10	95,206	17,549	-77,656	18,307,781
	18	239.6	239.7	-106,451	0.6	1.10	95,206	17,513	-77,693	18,230,088
	19	239.5	239.6	-106,229	0.6	1.10	95,206	17,476	-77,729	18,152,359
	20	239.4	239.5	-106,007	0.6	1.10	95,206	17,440	-77,766	18,074,593
	21	239.3	239.4	-105,784	0.5	0.70	60,355	17,403	-42,951	18,031,642
	22	239.2	239.3	-105,562	0.5	0.70	60,355	17,367	-42,988	17,988,654
	23	239.1	239.2	-105,340	0.5	0.70	60,355	17,330	-43,024	17,945,629
	24	239.0	239.1	-105,118	0.5	0.70	60,355	17,294	-43,061	17,902,569
	25	238.9	239.0	-104,897	0.5	0.70	60,355	17,257	-43,097	17,859,471
	26	238.8	238.9	-104,677	0.4	0.40	34,549	17,221	-17,328	17,842,143
	27	238.7	238.8	-104,457	0.4	0.40	34,549	17,185	-17,364	17,824,779
	28	238.6	238.7	-104,237	0.4	0.40	34,549	17,149	-17,400	17,807,379
	29	238.5	238.6	-104,017	0.3	0.19	16,830	17,113	282	17,807,662
	30	238.4	238.5	-103,797	0.3	0.19	16,830	17,076	246	17,807,908
	31	238.3	238.4	-103,577	0.3	0.19	16,830	17,040	210	17,808,118
Total				**-3,646,268**			**2,762,889**	**541,618**		**17,808,118**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
November	1	236.2	238.3	-2,124,956	0.3	0.19	16,830	16,647	-183	17,807,935
	2	236.1	236.2	-98,802	0.6	1.10	95,206	16,254	-78,951	17,728,983
	3	243.0	236.1	7,338,508	0.7	1.62	139,968	17,497	7,216,037	24,945,021
	4	242.9	243.0	-113,902	0.7	1.62	139,968	18,739	-121,230	24,823,791
	5	242.8	242.9	-113,673	0.7	1.62	139,968	18,701	-121,267	24,702,524
	6	242.7	242.8	-113,444	0.7	1.62	139,968	18,663	-121,305	24,581,219
	7	242.6	242.7	-113,216	0.7	1.62	139,968	18,626	-121,343	24,459,876
	8	242.5	242.6	-112,987	0.6	1.10	95,206	18,588	-76,618	24,383,258
	9	242.4	242.5	-112,758	0.6	1.10	95,206	18,551	-76,655	24,306,603
	10	242.3	242.4	-112,529	0.6	1.10	95,206	18,513	-76,693	24,229,910
	11	242.2	242.3	-112,301	0.6	1.10	95,206	18,475	-76,730	24,153,180
	12	242.1	242.2	-112,072	0.5	0.70	60,355	18,438	-41,917	24,111,263
	13	243.0	242.1	1,016,882	0.7	1.62	139,968	18,588	895,502	25,006,765
	14	242.9	243.0	-113,902	0.7	1.62	139,968	18,739	-121,230	24,885,535
	15	242.8	242.9	-113,673	0.7	1.62	139,968	18,701	-121,267	24,764,268
	16	242.7	242.8	-113,444	0.7	1.62	139,968	18,663	-121,305	24,642,963
	17	242.6	242.7	-113,216	0.7	1.62	139,968	18,626	-121,343	24,521,620
	18	242.5	242.6	-112,987	0.6	1.10	95,206	18,588	-76,618	24,445,003
	19	242.4	242.5	-112,758	0.6	1.10	95,206	18,551	-76,655	24,368,348
	20	242.3	242.4	-112,529	0.6	1.10	95,206	18,513	-76,693	24,291,655
	21	242.2	242.3	-112,301	0.6	1.10	95,206	18,475	-76,730	24,214,924
	22	242.1	242.2	-112,072	0.5	0.70	60,355	18,438	-41,917	24,173,007
	23	242.0	242.1	-111,843	0.5	0.70	60,355	18,400	-41,955	24,131,053
	24	241.9	242.0	-111,616	0.5	0.70	60,355	18,363	-41,992	24,089,061
	25	241.8	241.9	-111,390	0.5	0.70	60,355	18,325	-42,029	24,047,032
	26	241.7	241.8	-111,163	0.5	0.70	60,355	18,288	-42,066	24,004,965
	27	241.6	241.7	-110,937	0.5	0.70	60,355	18,251	-42,104	23,962,862
	28	241.5	241.6	-110,711	0.5	0.70	60,355	18,214	-42,141	23,920,721
	29	241.4	241.5	-110,485	0.5	0.70	60,355	18,177	-42,178	23,878,543
	30	241.3	241.4	-110,259	0.5	0.70	60,355	18,139	-42,215	23,836,328
Total				3,209,465			2,876,912	549,731		23,836,328

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
December	1	239.2	241.3	-2,263,768	0.4	0.40	34,549	17,735	-16,814	23,819,513
	2	239.1	239.2	-105,340	0.4	0.40	34,549	17,330	-17,219	23,802,294
	3	239.0	239.1	-105,118	0.3	0.19	16,830	17,294	463	23,802,758
	4	238.9	239.0	-104,897	0.3	0.19	16,830	17,257	427	23,803,185
	5	238.8	238.9	-104,677	0.3	0.19	16,830	17,221	391	23,803,576
	6	238.7	238.8	-104,457	0.3	0.19	16,830	17,185	355	23,803,931
	7	238.6	238.7	-104,237	0.3	0.19	16,830	17,149	319	23,804,249
	8	238.5	238.6	-104,017	0.3	0.19	16,830	17,113	282	23,804,532
	9	238.4	238.5	-103,797	0.3	0.19	16,830	17,076	246	23,804,778
	10	241.0	238.4	2,771,009	0.8	2.26	195,438	17,534	2,593,104	26,397,882
	11	240.9	241.0	-109,355	0.7	1.62	139,968	17,991	-121,978	26,275,904
	12	240.8	240.9	-109,131	0.7	1.62	139,968	17,954	-122,015	26,153,890
	13	240.7	240.8	-108,907	0.7	1.62	139,968	17,917	-122,051	26,031,838
	14	240.6	240.7	-108,683	0.7	1.62	139,968	17,880	-122,088	25,909,750
	15	240.5	240.6	-108,459	0.7	1.62	139,968	17,843	-122,125	25,787,625
	16	240.4	240.5	-108,236	0.6	1.10	95,206	17,806	-77,399	25,710,226
	17	240.3	240.4	-108,012	0.6	1.10	95,206	17,770	-77,436	25,632,790
	18	240.2	240.3	-107,788	0.6	1.10	95,206	17,733	-77,473	25,555,317
	19	240.1	240.2	-107,564	0.6	1.10	95,206	17,696	-77,510	25,477,807
	20	240.0	240.1	-107,340	0.5	0.70	60,355	17,659	-42,695	25,435,112
	21	239.9	240.0	-107,117	0.5	0.70	60,355	17,622	-42,732	25,392,380
	22	239.8	239.9	-106,895	0.5	0.70	60,355	17,586	-42,769	25,349,611
	23	239.7	239.8	-106,673	0.5	0.70	60,355	17,549	-42,805	25,306,806
	24	239.6	239.7	-106,451	0.5	0.70	60,355	17,513	-42,842	25,263,964
	25	239.5	239.6	-106,229	0.5	0.70	60,355	17,476	-42,878	25,221,086
	26	239.4	239.5	-106,007	0.4	0.40	34,549	17,440	-17,109	25,203,977
	27	239.3	239.4	-105,784	0.4	0.40	34,549	17,403	-17,146	25,186,831
	28	239.2	239.3	-105,562	0.4	0.40	34,549	17,367	-17,182	25,169,649
	29	239.1	239.2	-105,340	0.4	0.40	34,549	17,330	-17,219	25,152,430
	30	239.0	239.1	-105,118	0.4	0.40	34,549	17,294	-17,255	25,135,175
	31	238.9	239.0	-104,897	0.4	0.40	34,549	17,257	-17,292	25,117,883
Total				-2,578,849			2,032,434	542,980		25,117,883

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

September 20, 2021

Mr. David Rivera, P.E. **VIA E-MAIL**
LJA Engineering
1904 West Grand Parkway North, Suite 100
Katy, Texas 77449

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code § 11.122, Requiring Published and Mailed Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Rivera:

Staff reviewed the response dated August 9, 2021 and has determined that additional information is required in order to complete technical review of the application:

1. Clarify whether the weir that was added upstream of Lake A will be used as part of the accounting protocol. It is Staff's understanding that only the weir downstream of Lake A will be used for the accounting protocol. However, the response to Item 1, indicates that the upstream weir will also be used to monitor the lake.

2. Revise the spreadsheet and text description to address the following issues:

   a. Column G – Instantaneous Daily Flow (ft^3):

      The text description and the spreadsheet must be consistent, and both should state that the weir will be read daily. Staff acknowledges that the headers for Columns F & G include the word "Daily". However, the text of the description states that "…H is the height that is read off the weir weekly…".

   b. Col I - Evaporation (ft^3):

      The cell range in the referenced table (Reference!B3:C173) should be locked in both places in the formula.

   c. Column J – Daily Net Impounded Water Accountability (ft^3):

      i. The calculation in the spreadsheet should add evaporation rather than subtracting it in both places in the formula. The response to item 6.c.i indicates that this change was made, however the spreadsheet provided with the response does not reflect the change.

ii. Explain why the calculation in the spreadsheet was changed to reference Column B (Day) instead of Column E (ΔV Daily Delta Volume (ft³). Staff believes that Column E is the correct reference.

iii. The current text description, including the formula in the title (E4-H4+I4), is not consistent with the current formula in the spreadsheet (=IF(B4>0,B4-H4-I4,-H4-I4). The text description and the spreadsheet must be consistent.

The information requested is considered essential by the executive director to make recommendations to the commission on whether the application can be granted. Please provide the requested information by October 20, 2021 or the application may be returned pursuant to Title 30 Texas Administrative Code § 281.19. Alternatively, you may have the question of the necessity of the requested data (or the sufficiency of the information already submitted) referred to the Commission for a decision. To be considered, a request for a referral must be provided by October 20, 2021.

If you have any questions concerning this matter please contact me via email at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah E Henderson

Sarah Henderson, Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

Sarah Henderson

From: David Rivera <[redacted]>
Sent: Monday, August 9, 2021 4:21 PM
To: Sarah Henderson
Cc: Holly Guillaume
Subject: RE: SR Superior LLC WRPERM No. 5712A - Request for Information
Attachments: 08092021 TCEQ Submittal - Final.pdf; 08092021 Response - SR Superior TCEQ Lake A Sample.xlsx

Ms Henderson,

Please see the attached response letter.

David Rivera, P.E.
Vice President
LJA Engineering | We Build Civilization
Katy
1904 West Grand Parkway North suite 100
Katy, Tx 77449
Phone:713.953.5277
Fax:713.953.5026
E: [redacted]
W: www.ljaengineering.com

From: Sarah Henderson <sarah.henderson@tceq.texas.gov>
Sent: Thursday, July 8, 2021 4:36 PM
To: David Rivera <[redacted]>
Subject: SR Superior LLC WRPERM No. 5712A - Request for Information

[EXTERNAL EMAIL]

Mr. Rivera,
Please find the attached request for information letter. A response is requested by August 9, 2021.
Feel free to contact me with any questions.
Sincerely,
Sarah

Sarah Henderson
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
P.O. Box 13087/MC-160
Austin, TX 78711-3087
(P) 512.239.2535
(F) 512.239.4770

LJA ENGINEERING

1904 W Grand Parkway N, Suite 100, Katy, Texas 77449
t 713.953.5200 f 713.953.5026 LJA.com TBPE F-1386

August 9, 2021

Ms. Sarah Henderson, Project Manager
Texas Commission on Environmental Quality (TCEQ)
Attn: Water Rights Permitting & Availability Section
P.O. Box 13087/MC-160
Austin, Texas 78711-3087

Re: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Montgomery County, Texas
LJA Job No. 1282-1001 (6.0)

Dear Ms. Henderson:

On behalf of SR Superior, LLC (owner of the above mentioned facility), LJA Engineering, Inc. (LJA) would like to submit this letter to the TCEQ as a response to the letter dated July 8, 2021 indicating the request for additional information. A response has been added after each comment to provide clarification or additional information.

Comments & Responses

1. Confirm the requests in the application. Staff acknowledges the May 17, 2021 response (Item 1) indicating that the amendment is for Lake A only. As discussed in an April 30, 2021 meeting between TCEQ and the Applicant, there are additional reservoirs located on the property that would require a water right permit.

Response: *The proposed weir locations have been adjusted to monitor the lake included in this permit. Proposed locations are near the upstream property line and downstream of Lake A.*

2. Confirm the location of the proposed weir and provide a USGS 7.5-minute topographic map (or equivalent) with any revised weir location clearly marked. Staff notes that, based on the May 17, 2021 response (Item 3), the weir is located approximately one mile downstream of Lake A. This location is downstream of both Lake A and an unpermitted reservoir and would not be an accurate representation of the outflow from Lake A. Staff would not be able to recommend granting the application with the weir in this location. As discussed in the April 30, 2021 meeting, if the weir remains at the current location, the reservoir between Lake A and the weir must be included in the application.

Response:. *The proposed weir locations have been adjusted as requested and are shown on the attached map. Seepage from Lake A may not be fully captured with the weir at this location immediately downstream of the lake.*

3. Revise the application as needed to provide additional information and maps related to any changes made pursuant to this letter. Include all information for any reservoirs included in the application, including capacity, surface area and Latitude and Longitude coordinates in decimal degrees to 6 decimal places.

Response: *A map of the proposed weir locations to monitor Lake A is attached.*

Revise the accounting protocol as discussed below. Note that anytime a change is made within the accounting protocol spreadsheet or text description, the change should be reflected throughout both documents.

Response: *The accounting protocol has been revised.*

4: Revise the accounting protocol text description to demonstrate that the elevation of Lake A does not exceed the proposed new elevation of 243 feet msl. Staff acknowledges the May 17, 2021 response (Item 8); however, the text description has not been revised to reflect the new elevation.

Response: *The following text has been added to the protocol description for Column C. "The proposed 24-inch pipe will allow discharge of lake water at an elevation of 243 feet or greater. In an extreme rainfall the elevation could potentially rise above an elevation of 243 feet, but only temporarily."*

5. Revise the accounting protocol text description to explain what action will be taken to pass water should it be required by downstream water rights, including any actions that will be taken to pass water downstream when the reservoir elevation is below the six inch pipe at 239 feet msl. Staff acknowledges the May 17, 2021 response (Item 9.e); however, the text description is incomplete. In addition, Staff notes that the proposed operation would not be adequate (See Item 2 of this request for information).

Response: *The proposed 6-inch pipe with valve has been moved from 6 feet below the spillway to elevation 230 msl which is 15 feet below the spillway. The proposed valve can be manually opened to allow the flow of water, at the written direction of the TCEQ for downstream water rights. The valve will be located immediately upstream of the measurement weir so flow is accounted for.*

6. Revise the spreadsheet and text description to specifically address the following issues:
   a. Column E – Daily Delta Volume (ft^3):

   Staff notes that the reference range is correct in the spreadsheet formula but is offset by one row in the text description.

   Response: *The description has been revised.*
   b. Column G – Instantaneous Daily Flow (ft^3):
   The text description for column G should indicate that the weir is to be read daily.

   Response: *Column G already has the word "Daily" in the title but Column F has been modified to "Daily Height Reading".*

c. Column J – Daily Net Impounded Water Accountability (ft^3):

i. The calculation in this column should add evaporation rather than subtracting it in both places in the formula. Evaporation must be accounted for as an addition for purposes of this accounting protocol.

Response:
The cell revision has been made, however we do disagree with this accountability protocol revision. Evaporation would happen whether the lake was there or it was in the existing state without the lake.

ii. The current formula in the column header (E4+H4+I4) is not consistent with the text description, and neither the formula nor the text description is consistent with the current formula in the column.

Response: *The Protocol has been revised to show the calculation used in the spreadsheet (E4-H4+I4). Inflow – outflow + evaporation.*

d. Column K – Running Annual Net Impounded Water Accountability (ft^3):

i. Explain what value in Column K would represent a net balance in the system such that no state water is impounded. Outflows measured at an appropriate weir location should be adequate to compensate for estimated inflows to the reservoir and evaporation from the reservoir.

Response: *A negative number would represent that water in excess of what is entering the lake is being released downstream. A positive number would reflect impounded water. These numbers are a running accountability based on daily monitoring.*

ii. The calculation in this column should demonstrate that any water impounded as part of the proposed long-term net balance will be passed downstream within a maximum of 30 days or that the applicant is able to pass water immediately if water is needed for downstream senior water rights. Staff acknowledges the May 17, 2021 response (Item 7); however, the text description has not been revised to reflect this information and there is no functionality in the accounting protocol that clearly demonstrates this.

Response: *The accountability protocol is intended to demonstrate that there is no impounding of state water. If the monitoring shows otherwise, the proposed 6-inch valve can be opened at the direction of the TCEQ to allow outflow that will be monitored until readings indicate no impoundment. The protocol has been revised to show this.*

7. Provide a revised version of the spreadsheet reflecting any changes made pursuant to TCEQ's April 8, 2021 letter and this request for information. Staff notes that no spreadsheet was provided with the May 17, 2021 response.

Response: *A copy of the spreadsheet is included with this response.*

Having addressed the comments listed above, we request that the TCEQ approve the permit amendment. If additional clarification is needed on any of the above comments, please do not hesitate to contact me at any time at 713.953.5277 or by email at [redacted]

Sincerely,

David A. Rivera, PE
Vice President

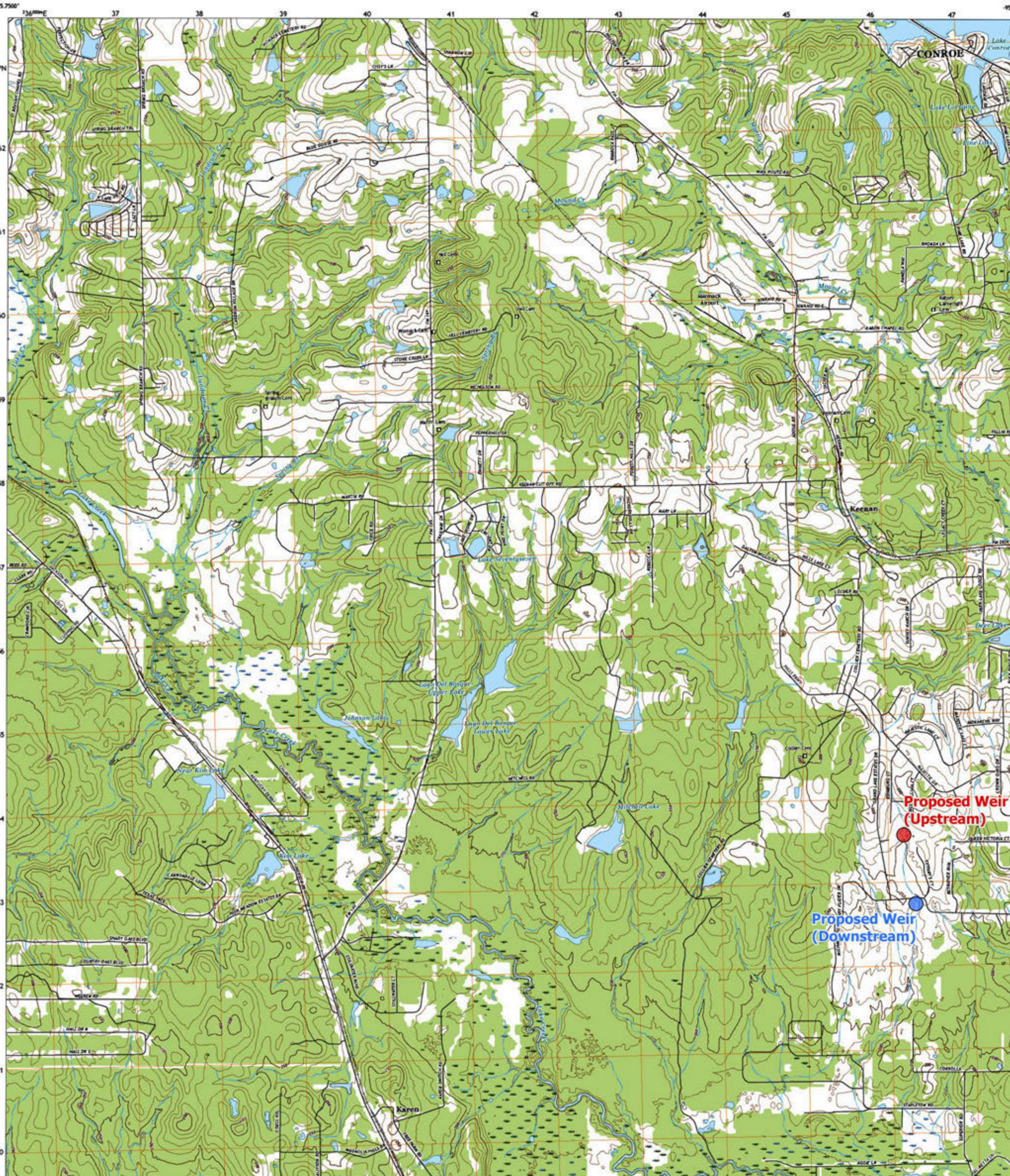
DAR/jb

STATE OF TEXAS
DAVID A. RIVERA
98365
LICENSED
PROFESSIONAL ENGINEER
8-9-2021

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map
US Topo

KEENAN QUADRANGLE
TEXAS - MONTGOMERY COUNTY
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and 1 000-meter grid:Universal Transverse Mercator, Zone 15R

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery.....NAIP, September 2015 - November 2016
Roads.....U.S. Census Bureau, 2015
Names.....GNIS, 1979 - 2018
Hydrography.....National Hydrography Dataset, 2003 - 2018
Contours.....National Elevation Dataset, 2003 - 2010
Boundaries.....Multiple sources; see metadata file 2016 - 2017
Wetlands.....FWS National Wetlands Inventory 1993

UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

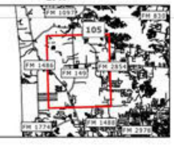
This map was produced to conform with the National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.18

QUADRANGLE LOCATION

ADJOINING QUADRANGLES
1 Dacus
2 Montgomery
3 Shepard Hill
4 Plantersville
5 Cowl Spur
6 Magnolia West
7 Magnolia East
8 Oklahoma

ROAD CLASSIFICATION
Expressway — Local Connector
Secondary Hwy — Local Road
Ramp — 4WD
Interstate Route — US Route — State Route

KEENAN, TX
2019



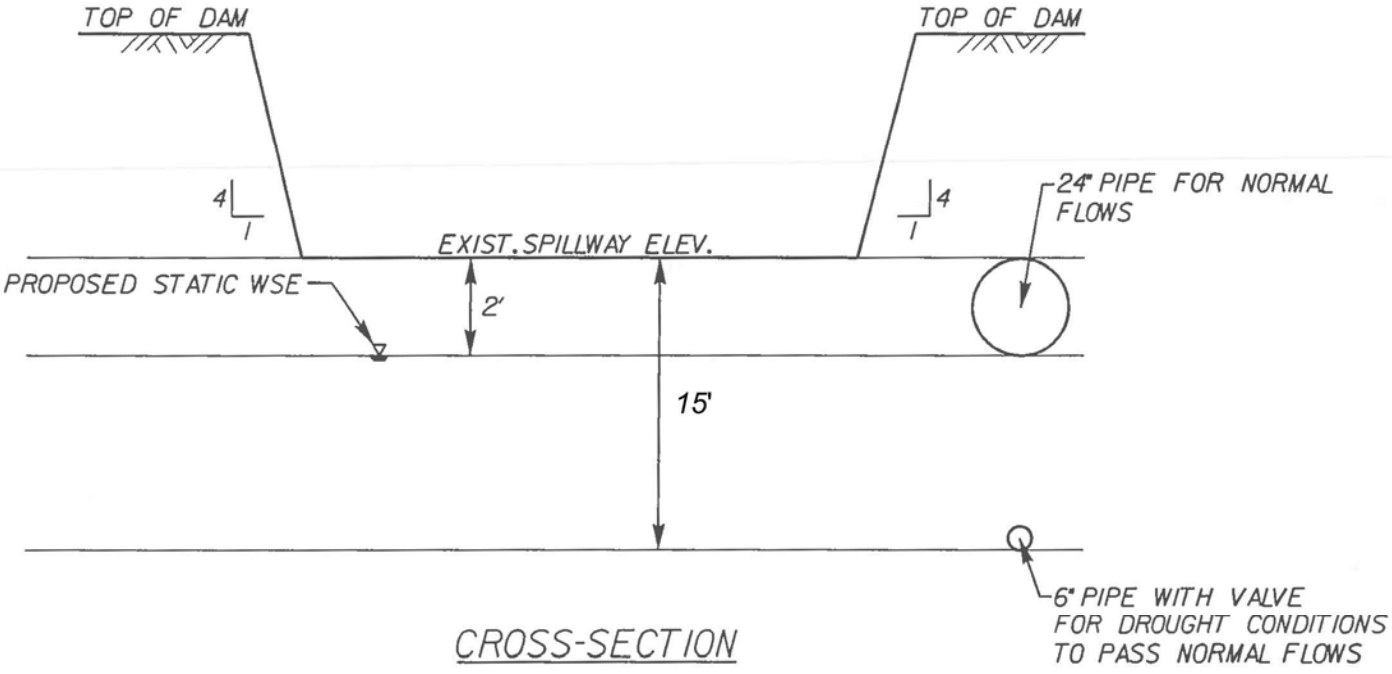
ATTACHMENT 9

KEENAN
USGS TOPOGRAPHIC MAP

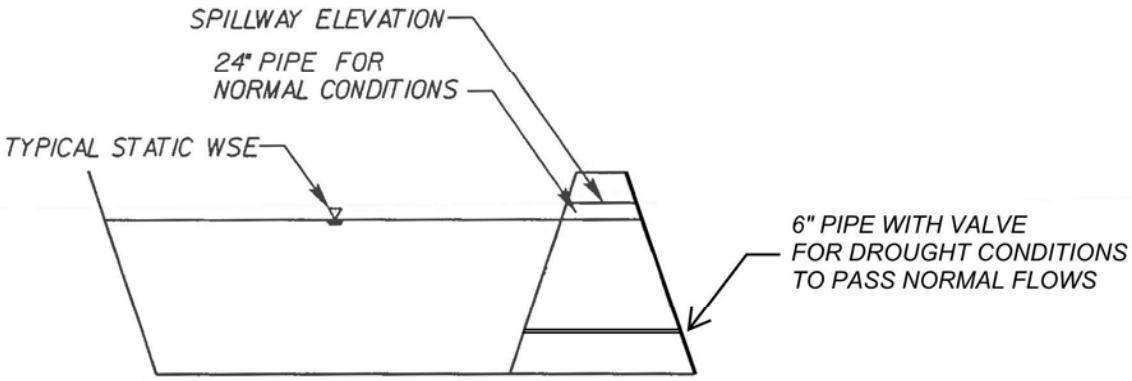
LJA ENGINEERING
3600 W Sam Houston Parkway S, Suite 600
Houston, Texas 77042
Phone 713.953.5200 TBPE F-1386
LJA.com

AUGUST 2021 | JOB NO: 1282-1001

PROPOSED DAM "A" MODIFICATION



CROSS-SECTION



PROFILE

N.T.S.

DATE: AUGUST 2021

LJA Engineering, Inc.

2929 Briarpark Drive
Suite 600
Houston, Texas 77042

Phone 713.953.5200
Fax 713.953.5026
FRN - F-1386

Water Accountability Monitoring Program Protocol
(Excel Workbook Description)

SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment
TCEQ Water Rights Permit No. 5712, Montgomery County, Texas
LJA Job No. 1282-1001

The Water Accounting Monitoring Program Protocol is detailed in an Excel Workbook containing two worksheets titled: "Year __" and "Reference". The "Year __" worksheet is used to determine the daily net impounded water and the current year total of water being impounded given the lake water elevation, a height reading from a weir monitoring outflow, and the daily average lake evaporation. The "Reference" worksheet utilizes the changes in lake elevation by the tenth of a foot to determine the lake surface area and is used for the Vlookup commands in the "Year __" worksheet.

This accountability protocol is intended to demonstrate that there is no impounding of state water. If the monitoring shows otherwise, the proposed 6-inch valve can be opened at the direction of the TCEQ to allow outflow that will be monitored until readings indicate no impoundment.

Worksheet 1: "Year __"

Column A
Month: represents what calendar month it is.

Column B
Day: represents what day of the month it is.

Columns C through E
Reference the water in the lake

Column C - Current Elevation (ft): A daily input of the lake's current elevation.
Note: The proposed 24-inch pipe will allow discharge of lake water at an elevation of 243 feet or greater. In an extreme rainfall the elevation could potentially rise above an elevation of 243 feet, but only temporarily.

Column D
Previous Elevation (ft): Represents the previous day's elevation so that the change in water elevation can be determined. The value of the previous elevation is automatically generated based on the input for current elevation for the previous day. Current elevation day one is cell C4, once a number is put into that cell it is copied into cell D5, cell D5 equals cell C4. This equation is copied down the entire column so cell D6 equals cell C5, cell D7 equals cell C6 and so forth. This cell is locked and cannot be edited.

Column E

Daily Delta Volume (ft^3): =
(VLOOKUP(D4,Reference!$B$3:$C$173,2)+VLOOKUP(C4,Reference!$B$3:$C$173,2))/2(C4-D4)*

This represents the daily change in the lake's volume given the change in the lake water's elevation. VLOOKUP is used to find the areas that correlate with the previous elevation (D column) and current elevation (C column) from the reference sheet's B and C columns. Once these areas are found they are averaged together and multiplied by the change in height to get the change in volume. This is noted in the cell as a positive or negative value relative to the previous elevation.

Columns F through H

Reference the outflow of water through the weir.

Column F

Height (ft): This column requires a daily input from a reading on the weir. If a reading is missed, the previous day's value will be used until a reading is taken on subsequent days.

Column G

Instantaneous Daily Flow ($\frac{ft^3}{s}$): =(8/15)*(0.57)*((2*32.2)^0.5)*TAN(90/2)*F4^(5/2)

This column is generated from the equation for flow through a V-shaped weir. The equation is: Q= $\frac{8}{15} k \sqrt{2g} \tan\frac{\theta}{2} H^{\frac{5}{2}}$ For this exercise k is a constant, $k = 0.57$, g is gravity, $g = 32.2\frac{ft}{s^2}$, θ is the angle of the V-shaped weir, $\theta = 90^{\circ}$, and H is the height that is read off the weir weekly or for 3 days after a measurable increase in volume within the lake. The units for this column are $\frac{ft^3}{s}$.

Column H

24hr Volume ($\frac{ft^3}{day}$): =G4*24*60*60

This is a simple unit conversion to go from $\frac{ft^3}{s}$ to $\frac{ft^3}{day}$.

$1\frac{ft^3}{s} \times \frac{60\cancel{s}}{\cancel{min}} \times \frac{60\,\cancel{min}}{\cancel{hr}} \times \frac{24\cancel{hr}}{day} = 86{,}400\frac{ft^3}{day}$. The reading from the weir is only taken once a day so units have to be converted so it can represent the entire day of outflow from the lake.

Column I

Evaporation (ft^3): =
($I$3/12)*(VLOOKUP(D4,reference!$B$3:$C$173,2)+VLOOKUP(C4,reference!$B$3:$C$173,2))/2

Cell I3 is the month's daily average evaporation in inches. The TCEQ provided a table of net evaporation rates in feet in a letter dated November 18, 2013. The evaporation rate is converted to inches by multiplying by 12 inches per foot and then divided by the number of days in that particular month to get a daily evaporation rate.

The daily evaporation rate in cell I3 in inches is then divided by 12 to change the units to feet. The daily average evaporation in feet is then multiplied by the average of the VLOOKUP for the surface areas that correlate to the Previous Elevation (Column D) and the Current Elevation (Column C).

Column J
Daily Net Impounded Water Accountability (ft^3): = E4-H4+I4
This column calculates the Delta Volume, minus the 24hr Volume, plus the Evaporation. If a positive number occurs then the lake has retained water. If a negative number is produced then the lake has lost water.

Column K
Running Annual Net Impounded Water Accountability (ft^3): =J4+K3
This takes the Net Impounded Water (Column J), and adds it with the previous total for the year. This number can be checked monthly, quarterly, or annually to get a running average to verify the lake is not retaining water.

Worksheet 2: "reference"

Column B
Elevation (ft): This is the elevation from the top of the dam to the bottom of the lake given in tenths of a foot for accuracy when used in calculations.

Column C
Area (ft^2): =($C$13-$C$3)/($B$13-$B$3)*(B4-$B$3)+$C$3
Areas were determined for elevations at every foot as determined in a CAD drawing of the lake. The tenth of foot areas in the column were interpolated based off exact feet elevations and areas.

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Impounded Water Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
January	1	243.0	244.0	-1,151,731	0.4	0.40	34,549	18,948	-53,496	-53,496
	2	242.9	243.0	-113,902	0.6	1.10	95,206	18,739	-113,942	-167,438
	3	242.8	242.9	-113,673	0.6	1.10	95,206	18,701	-113,904	-281,342
	4	242.7	242.8	-113,444	0.6	1.10	95,206	18,663	-113,865	-395,207
	5	242.6	242.7	-113,216	0.6	1.10	95,206	18,626	-113,827	-509,034
	6	242.5	242.6	-112,987	0.6	1.10	95,206	18,588	-113,788	-622,822
	7	242.4	242.5	-112,758	0.6	1.10	95,206	18,551	-113,749	-736,571
	8	242.3	242.4	-112,529	0.6	1.10	95,206	18,513	-113,711	-850,282
	9	242.2	242.3	-112,301	0.5	0.70	60,355	18,475	-78,821	-929,102
	10	242.1	242.2	-112,072	0.5	0.70	60,355	18,438	-78,782	-1,007,885
	11	242.0	242.1	-111,843	0.6	1.10	95,206	18,400	-113,595	-1,121,479
	12	241.9	242.0	-111,616	0.6	1.10	95,206	18,363	-113,556	-1,235,036
	13	241.8	241.9	-111,390	0.6	1.10	95,206	18,325	-113,518	-1,348,554
	14	241.8	241.8	0	0.5	0.70	60,355	18,307	-78,647	-1,427,201
	15	241.6	241.8	-222,101	0.5	0.70	60,355	18,270	-78,609	-1,505,810
	16	241.5	241.6	-110,711	0.6	1.10	95,206	18,214	-113,403	-1,619,214
	17	241.4	241.5	-110,485	0.6	1.10	95,206	18,177	-113,365	-1,732,579
	18	241.3	241.4	-110,259	0.6	1.10	95,206	18,139	-113,327	-1,845,906
	19	241.2	241.3	-110,033	0.6	1.10	95,206	18,102	-113,289	-1,959,195
	20	241.1	241.2	-109,806	0.6	1.10	95,206	18,065	-113,251	-2,072,446
	21	241.0	241.1	-109,580	0.6	1.10	95,206	18,028	-113,212	-2,185,658
	22	240.9	241.0	-109,355	0.6	1.10	95,206	17,991	-113,174	-2,298,832
	23	240.8	240.9	-109,131	0.6	1.10	95,206	17,954	-113,137	-2,411,969
	24	240.7	240.8	-108,907	0.5	0.70	60,355	17,917	-78,248	-2,490,217
	25	240.6	240.7	-108,683	0.4	0.40	34,549	17,880	-52,404	-2,542,621
	26	242.0	240.6	1,542,102	0.5	0.70	60,355	18,121	-78,450	-2,621,071
	27	241.7	242.0	-334,169	0.7	1.62	139,968	18,325	-158,267	-2,779,338
	28	241.4	241.7	-332,133	0.7	1.62	139,968	18,214	-158,154	-2,937,492
	29	241.1	241.4	-330,098	0.7	1.62	139,968	18,102	-158,042	-3,095,533
	30	241.0	241.1	-109,580	0.6	1.10	95,206	18,028	-113,203	-3,208,737
	31	240.7	241.0	-327,394	0.6	1.10	95,206	17,954	-113,129	-3,321,865
Total				**-3,713,785**			**2,755,245**	**567,116**		**-3,321,865**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
February	1	241.3	240.7	656,823	0.6	1.10	95,206	18,010	-113,214	-3,435,080
	2	241.2	241.3	-110,033	0.6	1.10	95,206	18,102	-113,306	-3,548,386
	3	241.1	241.2	-109,806	0.5	0.70	60,355	18,065	-78,416	-3,626,802
	4	241.0	241.1	-109,580	0.4	0.40	34,549	18,028	-52,573	-3,679,375
	5	240.9	241.0	-109,355	0.4	0.40	34,549	17,991	-52,535	-3,731,909
	6	240.8	240.9	-109,131	0.3	0.19	16,830	17,954	-34,778	-3,766,687
	7	240.5	240.8	-326,050	0.3	0.19	16,830	17,880	-34,703	-3,801,391
	8	241.0	240.5	544,537	0.6	1.10	95,206	17,917	-113,115	-3,914,505
	9	240.4	241.0	-652,772	0.6	1.10	95,206	17,899	-113,095	-4,027,601
	10	240.3	240.4	-108,012	0.6	1.10	95,206	17,770	-112,965	-4,140,566
	11	240.1	240.3	-215,351	0.6	1.10	95,206	17,714	-112,909	-4,253,475
	12	240.0	240.1	-107,340	0.5	0.70	60,355	17,659	-78,002	-4,331,477
	13	239.9	240.0	-107,117	0.5	0.70	60,355	17,622	-77,964	-4,409,441
	14	239.8	239.9	-106,895	0.5	0.70	60,355	17,586	-77,926	-4,487,367
	15	239.7	239.8	-106,673	0.5	0.70	60,355	17,549	-77,889	-4,565,256
	16	239.6	239.7	-106,451	0.5	0.70	60,355	17,513	-77,851	-4,643,108
	17	239.5	239.6	-106,229	0.4	0.40	34,549	17,476	-52,008	-4,695,116
	18	239.4	239.5	-106,007	0.4	0.40	34,549	17,440	-51,971	-4,747,087
	19	239.3	239.4	-105,784	0.4	0.40	34,549	17,403	-51,933	-4,799,020
	20	239.2	239.3	-105,562	0.4	0.40	34,549	17,367	-51,896	-4,850,916
	21	239.1	239.2	-105,340	0.4	0.40	34,549	17,330	-51,858	-4,902,774
	22	239.0	239.1	-105,118	0.3	0.19	16,830	17,294	-34,102	-4,936,876
	23	238.9	239.0	-104,897	0.3	0.19	16,830	17,257	-34,064	-4,970,940
	25	238.8	238.9	-104,677	0.3	0.19	16,830	17,221	-34,026	-5,004,966
	26	238.7	238.8	-104,457	0.3	0.19	16,830	17,185	-33,989	-5,038,955
	27	238.6	238.7	-104,237	0.4	0.40	34,549	17,149	-51,671	-5,090,626
	28	238.5	238.6	-104,017	0.4	0.40	34,549	17,113	-51,633	-5,142,260
	29	238.4	238.5	-103,797	0.3	0.19	16,830	17,076	-33,878	-5,176,137
Total				**-2,443,331**			**1,362,113**	**492,569**		**-5,176,137**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
March	1	239.8	238.4	1,473,298	0.5	0.70	60,355	17,313	-77,667	-5,253,804
	2	239.7	239.8	-106,673	0.5	0.70	60,355	17,549	-77,902	-5,331,706
	3	239.5	239.7	-212,679	0.5	0.70	60,355	17,495	-77,846	-5,409,552
	4	241.0	239.5	1,616,885	0.5	0.70	60,355	17,734	-78,084	-5,487,636
	5	240.9	241.0	-109,355	0.6	1.10	95,206	17,991	-113,191	-5,600,827
	6	240.8	240.9	-109,131	0.5	0.70	60,355	17,954	-78,302	-5,679,130
	7	240.7	240.8	-108,907	0.4	0.40	34,549	17,917	-52,459	-5,731,589
	8	240.6	240.7	-108,683	0.4	0.40	34,549	17,880	-52,421	-5,784,010
	9	240.5	240.6	-108,459	0.4	0.40	34,549	17,843	-52,383	-5,836,393
	10	240.4	240.5	-108,236	0.4	0.40	34,549	17,806	-52,345	-5,888,738
	11	240.3	240.4	-108,012	0.4	0.40	34,549	17,770	-52,308	-5,941,046
	12	240.2	240.3	-107,788	0.4	0.40	34,549	17,733	-52,270	-5,993,316
	13	240.1	240.2	-107,564	0.4	0.40	34,549	17,696	-52,232	-6,045,548
	14	240.0	240.1	-107,340	0.4	0.40	34,549	17,659	-52,194	-6,097,742
	15	239.9	240.0	-107,117	0.4	0.40	34,549	17,622	-52,156	-6,149,898
	16	239.8	239.9	-106,895	0.6	1.10	95,206	17,586	-112,776	-6,262,674
	17	241.7	239.8	2,069,423	0.7	1.62	139,968	17,919	-157,870	-6,420,544
	18	241.6	241.7	-110,937	0.7	1.62	139,968	18,251	-158,201	-6,578,745
	19	241.5	241.6	-110,711	0.7	1.62	139,968	18,214	-158,163	-6,736,909
	20	241.4	241.5	-110,485	0.7	1.62	139,968	18,177	-158,125	-6,895,034
	21	241.3	241.4	-110,259	0.7	1.62	139,968	18,139	-158,087	-7,053,120
	22	241.2	241.3	-110,033	0.7	1.62	139,968	18,102	-158,049	-7,211,169
	23	241.1	241.2	-109,806	0.7	1.62	139,968	18,065	-158,010	-7,369,179
	24	241.0	241.1	-109,580	0.6	1.10	95,206	18,028	-113,209	-7,482,389
	25	240.9	241.0	-109,355	0.6	1.10	95,206	17,991	-113,171	-7,595,560
	26	240.8	240.9	-109,131	0.6	1.10	95,206	17,954	-113,134	-7,708,694
	27	240.7	240.8	-108,907	0.6	1.10	95,206	17,917	-113,096	-7,821,789
	28	240.6	240.7	-108,683	0.6	1.10	95,206	17,880	-113,058	-7,934,847
	29	240.5	240.6	-108,459	0.6	1.10	95,206	17,843	-113,020	-8,047,867
	30	240.4	240.5	-108,236	0.6	1.10	95,206	17,806	-112,982	-8,160,850
	31	241.5	240.4	1,202,968	0.6	1.10	95,206	17,992	-113,166	-8,274,016
Total				**3,321,154**			**2,544,550**	**553,825**		**-8,274,016**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
April	1	240.3	241.5	-1,310,986	0.6	1.10	95,206	17,973	-113,178	-8,387,194
	2	240.2	240.3	-107,788	0.5	0.70	60,355	17,733	-78,085	-8,465,279
	3	240.1	240.2	-107,564	0.5	0.70	60,355	17,696	-78,048	-8,543,327
	4	240.0	240.1	-107,340	0.5	0.70	60,355	17,659	-78,010	-8,621,336
	5	239.9	240.0	-107,117	0.5	0.70	60,355	17,622	-77,972	-8,699,308
	6	239.8	239.9	-106,895	0.5	0.70	60,355	17,586	-77,934	-8,777,243
	7	239.7	239.8	-106,673	0.3	0.19	16,830	17,549	-34,373	-8,811,615
	8	239.5	239.7	-212,679	0.3	0.19	16,830	17,495	-34,317	-8,845,932
	9	241.0	239.5	1,616,885	0.6	1.10	95,206	17,734	-112,930	-8,958,863
	10	240.9	241.0	-109,355	0.6	1.10	95,206	17,991	-113,186	-9,072,049
	11	240.8	240.9	-109,131	0.6	1.10	95,206	17,954	-113,149	-9,185,198
	12	240.7	240.8	-108,907	0.6	1.10	95,206	17,917	-113,111	-9,298,308
	13	240.6	240.7	-108,683	0.6	1.10	95,206	17,880	-113,073	-9,411,381
	14	240.5	240.6	-108,459	0.6	1.10	95,206	17,843	-113,035	-9,524,416
	15	240.4	240.5	-108,236	0.6	1.10	95,206	17,806	-112,997	-9,637,413
	16	240.3	240.4	-108,012	0.5	0.70	60,355	17,770	-78,108	-9,715,522
	17	240.2	240.3	-107,788	0.5	0.70	60,355	17,733	-78,070	-9,793,592
	18	240.1	240.2	-107,564	0.5	0.70	60,355	17,696	-78,033	-9,871,625
	19	240.0	240.1	-107,340	0.5	0.70	60,355	17,659	-77,995	-9,949,619
	20	239.9	240.0	-107,117	0.5	0.70	60,355	17,622	-77,957	-10,027,576
	21	239.8	239.9	-106,895	0.4	0.40	34,549	17,586	-52,114	-10,079,690
	22	240.4	239.8	644,722	0.6	1.10	95,206	17,678	-112,862	-10,192,552
	23	240.3	240.4	-108,012	0.6	1.10	95,206	17,770	-112,952	-10,305,504
	24	240.2	240.3	-107,788	0.6	1.10	95,206	17,733	-112,915	-10,418,419
	25	240.1	240.2	-107,564	0.6	1.10	95,206	17,696	-112,877	-10,531,295
	26	240.0	240.1	-107,340	0.6	1.10	95,206	17,659	-112,839	-10,644,134
	27	239.9	240.0	-107,117	0.5	0.70	60,355	17,622	-77,950	-10,722,084
	28	239.8	239.9	-106,895	0.5	0.70	60,355	17,586	-77,912	-10,799,997
	29	239.7	239.8	-106,673	0.5	0.70	60,355	17,549	-77,875	-10,877,872
	30	239.6	239.7	-106,451	0.5	0.70	60,355	17,513	-77,837	-10,955,709
Total				**-2,060,758**			**2,150,848**	**531,311**		**-10,955,709**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
May	1	237.5	239.6	-2,184,618	0.4	0.40	34,549	17,115	-51,662	-11,007,372
	2	237.4	237.5	-101,610	0.4	0.40	34,549	16,717	-51,264	-11,058,635
	3	237.3	237.4	-101,393	0.5	0.70	60,355	16,681	-77,032	-11,135,667
	4	237.2	237.3	-101,175	0.5	0.70	60,355	16,645	-76,995	-11,212,663
	5	237.1	237.2	-100,957	0.3	0.19	16,830	16,609	-33,434	-11,246,097
	6	237.0	237.1	-100,740	0.4	0.40	34,549	16,573	-51,116	-11,297,213
	7	236.9	237.0	-100,523	0.3	0.19	16,830	16,538	-33,361	-11,330,574
	8	236.8	236.9	-100,308	0.3	0.19	16,830	16,502	-33,324	-11,363,899
	9	236.7	236.8	-100,093	0.4	0.40	34,549	16,467	-51,007	-11,414,905
	10	239.5	236.7	2,885,439	0.5	0.70	60,355	16,954	-77,298	-11,492,204
	11	239.4	239.5	-106,007	0.6	1.10	95,206	17,440	-112,635	-11,604,838
	12	239.3	239.4	-105,784	0.6	1.10	95,206	17,403	-112,597	-11,717,435
	13	239.2	239.3	-105,562	0.6	1.10	95,206	17,367	-112,559	-11,829,995
	14	239.1	239.2	-105,340	0.5	0.70	60,355	17,330	-77,671	-11,907,665
	15	239.0	239.1	-105,118	0.5	0.70	60,355	17,294	-77,633	-11,985,299
	16	238.9	239.0	-104,897	0.5	0.70	60,355	17,257	-77,596	-12,062,894
	17	238.8	238.9	-104,677	0.4	0.40	34,549	17,221	-51,753	-12,114,647
	18	238.7	238.8	-104,457	0.4	0.40	34,549	17,185	-51,716	-12,166,363
	19	238.6	238.7	-104,237	0.4	0.40	34,549	17,149	-51,679	-12,218,042
	20	239.6	238.6	1,052,335	0.5	0.70	60,355	17,313	-77,647	-12,295,689
	21	239.5	239.6	-106,229	0.6	1.10	95,206	17,476	-112,661	-12,408,350
	22	239.4	239.5	-106,007	0.6	1.10	95,206	17,440	-112,624	-12,520,974
	23	239.3	239.4	-105,784	0.6	1.10	95,206	17,403	-112,586	-12,633,560
	24	239.2	239.3	-105,562	0.5	0.70	60,355	17,367	-77,697	-12,711,257
	25	239.1	239.2	-105,340	0.5	0.70	60,355	17,330	-77,660	-12,788,917
	26	239.0	239.1	-105,118	0.5	0.70	60,355	17,294	-77,622	-12,866,539
	27	238.9	239.0	-104,897	0.5	0.70	60,355	17,257	-77,585	-12,944,124
	28	238.8	238.9	-104,677	0.4	0.40	34,549	17,221	-51,742	-12,995,866
	29	238.7	238.8	-104,457	0.4	0.40	34,549	17,185	-51,705	-13,047,571
	30	238.6	238.7	-104,237	0.4	0.40	34,549	17,149	-51,668	-13,099,238
	31	238.5	238.6	-104,017	0.3	0.19	16,830	17,113	-33,912	-13,133,150
Total				-1,156,051			1,647,945	529,992		-13,133,150

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
June	1	236.3	238.5	-2,233,351	0.3	0.19	16,830	16,701	-33,530	-13,166,680
	2	236.2	236.3	-99,017	0.3	0.19	16,830	16,290	-33,118	-13,199,798
	3	236.1	236.2	-98,802	0.3	0.19	16,830	16,254	-33,082	-13,232,880
	4	236.0	236.1	-98,586	0.3	0.19	16,830	16,219	-33,045	-13,265,925
	5	235.9	236.0	-98,372	0.3	0.19	16,830	16,184	-33,009	-13,298,934
	6	235.8	235.9	-98,159	0.3	0.19	16,830	16,149	-32,973	-13,331,907
	7	235.7	235.8	-97,945	0.3	0.19	16,830	16,114	-32,937	-13,364,844
	8	235.6	235.7	-97,732	0.3	0.19	16,830	16,078	-32,901	-13,397,744
	9	243.0	235.6	7,830,733	2.0	22.35	1,931,346	17,409	-1,948,746	-15,346,490
	10	242.9	243.0	-113,902	0.7	1.62	139,968	18,739	-158,697	-15,505,187
	11	242.8	242.9	-113,673	0.7	1.62	139,968	18,701	-158,659	-15,663,846
	12	242.7	242.8	-113,444	0.7	1.62	139,968	18,663	-158,620	-15,822,466
	13	242.6	242.7	-113,216	0.7	1.62	139,968	18,626	-158,581	-15,981,047
	14	242.5	242.6	-112,987	0.7	1.62	139,968	18,588	-158,543	-16,139,589
	15	242.4	242.5	-112,758	0.6	1.10	95,206	18,551	-113,741	-16,253,331
	16	242.3	242.4	-112,529	0.6	1.10	95,206	18,513	-113,703	-16,367,033
	17	242.2	242.3	-112,301	0.6	1.10	95,206	18,475	-113,664	-16,480,697
	18	242.1	242.2	-112,072	0.6	1.10	95,206	18,438	-113,625	-16,594,323
	19	242.0	242.1	-111,843	0.6	1.10	95,206	18,400	-113,587	-16,707,909
	20	241.9	242.0	-111,616	0.6	1.10	95,206	18,363	-113,548	-16,821,458
	21	241.8	241.9	-111,390	0.6	1.10	95,206	18,325	-113,510	-16,934,968
	22	241.7	241.8	-111,163	0.6	1.10	95,206	18,288	-113,472	-17,048,440
	23	243.0	241.7	1,462,933	1.7	14.89	1,286,493	18,514	-1,304,983	-18,353,423
	24	242.9	243.0	-113,902	0.7	1.62	139,968	18,739	-158,683	-18,512,106
	25	242.8	242.9	-113,673	0.7	1.62	139,968	18,701	-158,645	-18,670,751
	26	242.7	242.8	-113,444	0.7	1.62	139,968	18,663	-158,606	-18,829,356
	27	242.6	242.7	-113,216	0.7	1.62	139,968	18,626	-158,567	-18,987,924
	28	242.5	242.6	-112,987	0.7	1.62	139,968	18,588	-158,529	-19,146,452
	29	242.4	242.5	-112,758	0.7	1.62	139,968	18,551	-158,490	-19,304,942
	30	242.3	242.4	-112,529	0.7	1.62	139,968	18,513	-158,451	-19,463,394
Total				4,116,299			5,793,747	536,962		-19,463,394

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
July	1	240.2	242.3	-2,310,953	0.6	1.10	95,206	18,104	-113,309	-19,576,703
	2	240.1	240.2	-107,564	0.8	2.26	195,438	17,696	-213,132	-19,789,835
	3	240.0	240.1	-107,340	0.6	1.10	95,206	17,659	-112,862	-19,902,697
	4	239.9	240.0	-107,117	0.6	1.10	95,206	17,622	-112,824	-20,015,521
	5	239.8	239.9	-106,895	0.6	1.10	95,206	17,586	-112,787	-20,128,308
	6	239.7	239.8	-106,673	0.6	1.10	95,206	17,549	-112,749	-20,241,057
	7	239.6	239.7	-106,451	0.6	1.10	95,206	17,513	-112,712	-20,353,768
	8	239.5	239.6	-106,229	0.6	1.10	95,206	17,476	-112,674	-20,466,443
	9	239.4	239.5	-106,007	0.6	1.10	95,206	17,440	-112,637	-20,579,079
	10	239.3	239.4	-105,784	0.6	1.10	95,206	17,403	-112,599	-20,691,678
	11	239.2	239.3	-105,562	0.6	1.10	95,206	17,367	-112,561	-20,804,239
	12	239.1	239.2	-105,340	0.6	1.10	95,206	17,330	-112,524	-20,916,763
	13	243.0	239.1	4,275,289	1.5	10.89	940,834	18,035	-958,856	-21,875,619
	14	242.9	243.0	-113,902	0.7	1.62	139,968	18,739	-158,693	-22,034,313
	15	242.8	242.9	-113,673	0.7	1.62	139,968	18,701	-158,655	-22,192,967
	16	242.7	242.8	-113,444	0.7	1.62	139,968	18,663	-158,616	-22,351,583
	17	242.6	242.7	-113,216	0.7	1.62	139,968	18,626	-158,577	-22,510,160
	18	242.5	242.6	-112,987	0.7	1.62	139,968	18,588	-158,539	-22,668,699
	19	242.4	242.5	-112,758	0.6	1.10	95,206	18,551	-113,737	-22,782,436
	20	242.3	242.4	-112,529	0.6	1.10	95,206	18,513	-113,699	-22,896,135
	21	242.2	242.3	-112,301	0.6	1.10	95,206	18,475	-113,660	-23,009,795
	22	242.1	242.2	-112,072	0.6	1.10	95,206	18,438	-113,621	-23,123,416
	23	242.0	242.1	-111,843	0.6	1.10	95,206	18,400	-113,583	-23,236,999
	24	241.9	242.0	-111,616	0.6	1.10	95,206	18,363	-113,544	-23,350,543
	25	241.8	241.9	-111,390	0.6	1.10	95,206	18,325	-113,506	-23,464,049
	26	241.7	241.8	-111,163	0.6	1.10	95,206	18,288	-113,468	-23,577,517
	27	241.6	241.7	-110,937	0.6	1.10	95,206	18,251	-113,430	-23,690,947
	28	241.5	241.6	-110,711	0.6	1.10	95,206	18,214	-113,391	-23,804,338
	29	241.4	241.5	-110,485	0.6	1.10	95,206	18,177	-113,353	-23,917,692
	30	241.3	241.4	-110,259	0.6	1.10	95,206	18,139	-113,315	-24,031,007
	31	241.2	241.3	-110,033	0.6	1.10	95,206	18,102	-113,277	-24,144,284
Total				**-1,221,944**			**4,121,053**	**560,333**		**-24,144,284**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
August	1	239.1	241.2	-2,259,061	0.6	1.10	95,206	17,698	-112,902	-24,257,186
	2	239.0	239.1	-105,118	0.6	1.10	95,206	17,294	-112,497	-24,369,683
	3	238.9	239.0	-104,897	0.6	1.10	95,206	17,257	-112,460	-24,482,143
	4	238.8	238.9	-104,677	0.6	1.10	95,206	17,221	-112,423	-24,594,566
	5	238.7	238.8	-104,457	0.6	1.10	95,206	17,185	-112,386	-24,706,952
	6	238.6	238.7	-104,237	0.6	1.10	95,206	17,149	-112,348	-24,819,300
	7	238.5	238.6	-104,017	0.6	1.10	95,206	17,113	-112,311	-24,931,612
	8	238.4	238.5	-103,797	0.6	1.10	95,206	17,076	-112,274	-25,043,886
	9	238.3	238.4	-103,577	0.6	1.10	95,206	17,040	-112,237	-25,156,123
	10	238.2	238.3	-103,357	0.6	1.10	95,206	17,004	-112,200	-25,268,322
	11	238.1	238.2	-103,138	0.6	1.10	95,206	16,968	-112,163	-25,380,485
	12	238.0	238.1	-102,918	0.5	0.70	60,355	16,932	-77,274	-25,457,759
	13	237.9	238.0	-102,699	0.5	0.70	60,355	16,896	-77,237	-25,534,996
	14	237.8	237.9	-102,481	0.5	0.70	60,355	16,860	-77,200	-25,612,197
	15	237.7	237.8	-102,263	0.5	0.70	60,355	16,824	-77,164	-25,689,360
	16	237.6	237.7	-102,046	0.5	0.70	60,355	16,788	-77,127	-25,766,487
	17	237.5	237.6	-101,828	0.5	0.70	60,355	16,752	-77,090	-25,843,577
	18	237.4	237.5	-101,610	0.5	0.70	60,355	16,717	-77,053	-25,920,630
	19	237.3	237.4	-101,393	0.5	0.70	60,355	16,681	-77,016	-25,997,646
	20	237.2	237.3	-101,175	0.5	0.70	60,355	16,645	-76,979	-26,074,626
	21	237.1	237.2	-100,957	0.4	0.40	34,549	16,609	-51,137	-26,125,763
	22	237.0	237.1	-100,740	0.4	0.40	34,549	16,573	-51,100	-26,176,863
	23	236.9	237.0	-100,523	0.4	0.40	34,549	16,538	-51,064	-26,227,927
	24	237.4	236.9	504,793	0.5	0.70	60,355	16,609	-76,940	-26,304,866
	25	237.3	237.4	-101,393	0.5	0.70	60,355	16,681	-77,010	-26,381,877
	26	237.2	237.3	-101,175	0.5	0.70	60,355	16,645	-76,973	-26,458,850
	27	237.1	237.2	-100,957	0.5	0.70	60,355	16,609	-76,937	-26,535,787
	28	237.0	237.1	-100,740	0.4	0.40	34,549	16,573	-51,094	-26,586,881
	29	236.9	237.0	-100,523	0.4	0.40	34,549	16,538	-51,058	-26,637,939
	30	236.8	236.9	-100,308	0.4	0.40	34,549	16,502	-51,021	-26,688,960
	31	236.7	236.8	-100,093	0.4	0.40	34,549	16,467	-50,985	-26,739,945
Total				**-4,721,365**			**2,073,715**	**522,442**		**-26,739,945**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
September	1	234.6	236.7	-2,052,563	0.4	0.40	34,549	16,080	-50,628	-26,790,573
	2	234.5	234.6	-95,391	0.6	1.10	95,206	15,693	-110,897	-26,901,470
	3	234.4	234.5	-95,179	0.5	0.70	60,355	15,659	-76,010	-26,977,480
	4	234.3	234.4	-94,967	0.4	0.40	34,549	15,624	-50,169	-27,027,649
	5	234.2	234.3	-94,755	0.4	0.40	34,549	15,589	-50,133	-27,077,781
	6	234.1	234.2	-94,544	0.4	0.40	34,549	15,554	-50,097	-27,127,878
	7	243.0	234.1	9,276,198	1.1	5.01	433,278	17,147	-450,418	-27,578,296
	8	242.9	243.0	-113,902	0.7	1.62	139,968	18,739	-158,699	-27,736,995
	9	242.8	242.9	-113,673	0.7	1.62	139,968	18,701	-158,661	-27,895,656
	10	242.7	242.8	-113,444	0.7	1.62	139,968	18,663	-158,622	-28,054,278
	11	242.6	242.7	-113,216	0.7	1.62	139,968	18,626	-158,583	-28,212,861
	12	242.5	242.6	-112,987	0.7	1.62	139,968	18,588	-158,545	-28,371,406
	13	242.4	242.5	-112,758	0.6	1.10	95,206	18,551	-113,743	-28,485,149
	14	242.3	242.4	-112,529	0.6	1.10	95,206	18,513	-113,705	-28,598,854
	15	242.2	242.3	-112,301	0.6	1.10	95,206	18,475	-113,666	-28,712,520
	16	242.1	242.2	-112,072	0.6	1.10	95,206	18,438	-113,627	-28,826,147
	17	243.0	242.1	1,016,882	0.9	3.04	262,356	18,588	-280,927	-29,107,074
	18	242.9	243.0	-113,902	0.8	2.26	195,438	18,739	-214,159	-29,321,233
	19	242.8	242.9	-113,673	0.7	1.62	139,968	18,701	-158,651	-29,479,884
	20	242.7	242.8	-113,444	0.7	1.62	139,968	18,663	-158,612	-29,638,496
	21	242.6	242.7	-113,216	0.7	1.62	139,968	18,626	-158,573	-29,797,069
	22	242.5	242.6	-112,987	0.7	1.62	139,968	18,588	-158,535	-29,955,604
	23	242.4	242.5	-112,758	0.7	1.62	139,968	18,551	-158,496	-30,114,100
	24	242.3	242.4	-112,529	0.6	1.10	95,206	18,513	-113,695	-30,227,794
	25	242.2	242.3	-112,301	0.6	1.10	95,206	18,475	-113,656	-30,341,450
	26	242.1	242.2	-112,072	0.6	1.10	95,206	18,438	-113,617	-30,455,068
	27	242.0	242.1	-111,843	0.6	1.10	95,206	18,400	-113,579	-30,568,646
	28	241.9	242.0	-111,616	0.6	1.10	95,206	18,363	-113,540	-30,682,187
	29	241.8	241.9	-111,390	0.6	1.10	95,206	18,325	-113,502	-30,795,689
	30	241.7	241.8	-111,163	0.6	1.10	95,206	18,288	-113,464	-30,909,153
Total				**5,285,904**			**3,631,776**	**537,897**		**-30,909,153**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
October	1	239.6	241.7	-2,282,594	0.6	1.10	95,206	17,882	-113,087	-31,022,240
	2	239.5	239.6	-106,229	0.6	1.10	95,206	17,476	-112,680	-31,134,920
	3	239.4	239.5	-106,007	0.6	1.10	95,206	17,440	-112,643	-31,247,562
	4	240.4	239.4	1,070,095	0.7	1.62	139,968	17,605	-157,569	-31,405,131
	5	240.3	240.4	-108,012	0.7	1.62	139,968	17,770	-157,733	-31,562,864
	6	240.2	240.3	-107,788	0.7	1.62	139,968	17,733	-157,695	-31,720,560
	7	240.1	240.2	-107,564	0.7	1.62	139,968	17,696	-157,657	-31,878,217
	8	240.0	240.1	-107,340	0.6	1.10	95,206	17,659	-112,857	-31,991,074
	9	239.9	240.0	-107,117	0.6	1.10	95,206	17,622	-112,819	-32,103,893
	10	239.8	239.9	-106,895	0.6	1.10	95,206	17,586	-112,782	-32,216,675
	11	239.7	239.8	-106,673	0.6	1.10	95,206	17,549	-112,744	-32,329,419
	12	240.2	239.7	535,594	0.7	1.62	139,968	17,623	-157,579	-32,486,998
	13	240.1	240.2	-107,564	0.7	1.62	139,968	17,696	-157,651	-32,644,650
	14	240.0	240.1	-107,340	0.7	1.62	139,968	17,659	-157,614	-32,802,263
	15	239.9	240.0	-107,117	0.7	1.62	139,968	17,622	-157,576	-32,959,839
	16	239.8	239.9	-106,895	0.7	1.62	139,968	17,586	-157,538	-33,117,377
	17	239.7	239.8	-106,673	0.6	1.10	95,206	17,549	-112,738	-33,230,115
	18	239.6	239.7	-106,451	0.6	1.10	95,206	17,513	-112,701	-33,342,816
	19	239.5	239.6	-106,229	0.6	1.10	95,206	17,476	-112,663	-33,455,479
	20	239.4	239.5	-106,007	0.6	1.10	95,206	17,440	-112,626	-33,568,105
	21	239.3	239.4	-105,784	0.5	0.70	60,355	17,403	-77,737	-33,645,841
	22	239.2	239.3	-105,562	0.5	0.70	60,355	17,367	-77,699	-33,723,541
	23	239.1	239.2	-105,340	0.5	0.70	60,355	17,330	-77,662	-33,801,202
	24	239.0	239.1	-105,118	0.5	0.70	60,355	17,294	-77,624	-33,878,827
	25	238.9	239.0	-104,897	0.5	0.70	60,355	17,257	-77,587	-33,956,413
	26	238.8	238.9	-104,677	0.4	0.40	34,549	17,221	-51,744	-34,008,157
	27	238.7	238.8	-104,457	0.4	0.40	34,549	17,185	-51,707	-34,059,864
	28	238.6	238.7	-104,237	0.4	0.40	34,549	17,149	-51,670	-34,111,534
	29	238.5	238.6	-104,017	0.3	0.19	16,830	17,113	-33,914	-34,145,448
	30	238.4	238.5	-103,797	0.3	0.19	16,830	17,076	-33,877	-34,179,324
	31	238.3	238.4	-103,577	0.3	0.19	16,830	17,040	-33,839	-34,213,164
Total				**-3,646,268**			**2,762,889**	**541,618**		**-34,213,164**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
November	1	236.2	238.3	-2,124,956	0.3	0.19	16,830	16,647	-33,476	-34,246,640
	2	236.1	236.2	-98,802	0.6	1.10	95,206	16,254	-111,458	-34,358,098
	3	243.0	236.1	7,338,508	0.7	1.62	139,968	17,497	-157,463	-34,515,561
	4	242.9	243.0	-113,902	0.7	1.62	139,968	18,739	-158,703	-34,674,264
	5	242.8	242.9	-113,673	0.7	1.62	139,968	18,701	-158,665	-34,832,928
	6	242.7	242.8	-113,444	0.7	1.62	139,968	18,663	-158,626	-34,991,554
	7	242.6	242.7	-113,216	0.7	1.62	139,968	18,626	-158,587	-35,150,141
	8	242.5	242.6	-112,987	0.6	1.10	95,206	18,588	-113,786	-35,263,927
	9	242.4	242.5	-112,758	0.6	1.10	95,206	18,551	-113,747	-35,377,675
	10	242.3	242.4	-112,529	0.6	1.10	95,206	18,513	-113,709	-35,491,383
	11	242.2	242.3	-112,301	0.6	1.10	95,206	18,475	-113,670	-35,605,053
	12	242.1	242.2	-112,072	0.5	0.70	60,355	18,438	-78,780	-35,683,833
	13	243.0	242.1	1,016,882	0.7	1.62	139,968	18,588	-158,544	-35,842,377
	14	242.9	243.0	-113,902	0.7	1.62	139,968	18,739	-158,693	-36,001,070
	15	242.8	242.9	-113,673	0.7	1.62	139,968	18,701	-158,655	-36,159,725
	16	242.7	242.8	-113,444	0.7	1.62	139,968	18,663	-158,616	-36,318,341
	17	242.6	242.7	-113,216	0.7	1.62	139,968	18,626	-158,577	-36,476,918
	18	242.5	242.6	-112,987	0.6	1.10	95,206	18,588	-113,776	-36,590,694
	19	242.4	242.5	-112,758	0.6	1.10	95,206	18,551	-113,737	-36,704,431
	20	242.3	242.4	-112,529	0.6	1.10	95,206	18,513	-113,699	-36,818,130
	21	242.2	242.3	-112,301	0.6	1.10	95,206	18,475	-113,660	-36,931,790
	22	242.1	242.2	-112,072	0.5	0.70	60,355	18,438	-78,770	-37,010,560
	23	242.0	242.1	-111,843	0.5	0.70	60,355	18,400	-78,732	-37,089,291
	24	241.9	242.0	-111,616	0.5	0.70	60,355	18,363	-78,693	-37,167,984
	25	241.8	241.9	-111,390	0.5	0.70	60,355	18,325	-78,655	-37,246,639
	26	241.7	241.8	-111,163	0.5	0.70	60,355	18,288	-78,617	-37,325,256
	27	241.6	241.7	-110,937	0.5	0.70	60,355	18,251	-78,579	-37,403,835
	28	241.5	241.6	-110,711	0.5	0.70	60,355	18,214	-78,540	-37,482,375
	29	241.4	241.5	-110,485	0.5	0.70	60,355	18,177	-78,502	-37,560,877
	30	241.3	241.4	-110,259	0.5	0.70	60,355	18,139	-78,464	-37,639,341
Total				**3,209,465**			**2,876,912**	**549,731**		**-37,639,341**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Daily Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
December	1	239.2	241.3	-2,263,768	0.4	0.40	34,549	17,735	-52,283	-37,691,623
	2	239.1	239.2	-105,340	0.4	0.40	34,549	17,330	-51,877	-37,743,501
	3	239.0	239.1	-105,118	0.3	0.19	16,830	17,294	-34,121	-37,777,621
	4	238.9	239.0	-104,897	0.3	0.19	16,830	17,257	-34,083	-37,811,705
	5	238.8	238.9	-104,677	0.3	0.19	16,830	17,221	-34,046	-37,845,751
	6	238.7	238.8	-104,457	0.3	0.19	16,830	17,185	-34,009	-37,879,760
	7	238.6	238.7	-104,237	0.3	0.19	16,830	17,149	-33,972	-37,913,732
	8	238.5	238.6	-104,017	0.3	0.19	16,830	17,113	-33,935	-37,947,667
	9	238.4	238.5	-103,797	0.3	0.19	16,830	17,076	-33,898	-37,981,564
	10	241.0	238.4	2,771,009	0.8	2.26	195,438	17,534	-212,962	-38,194,526
	11	240.9	241.0	-109,355	0.7	1.62	139,968	17,991	-157,948	-38,352,474
	12	240.8	240.9	-109,131	0.7	1.62	139,968	17,954	-157,910	-38,510,385
	13	240.7	240.8	-108,907	0.7	1.62	139,968	17,917	-157,872	-38,668,257
	14	240.6	240.7	-108,683	0.7	1.62	139,968	17,880	-157,835	-38,826,092
	15	240.5	240.6	-108,459	0.7	1.62	139,968	17,843	-157,797	-38,983,889
	16	240.4	240.5	-108,236	0.6	1.10	95,206	17,806	-112,996	-39,096,885
	17	240.3	240.4	-108,012	0.6	1.10	95,206	17,770	-112,958	-39,209,843
	18	240.2	240.3	-107,788	0.6	1.10	95,206	17,733	-112,921	-39,322,764
	19	240.1	240.2	-107,564	0.6	1.10	95,206	17,696	-112,883	-39,435,646
	20	240.0	240.1	-107,340	0.5	0.70	60,355	17,659	-77,994	-39,513,640
	21	239.9	240.0	-107,117	0.5	0.70	60,355	17,622	-77,956	-39,591,596
	22	239.8	239.9	-106,895	0.5	0.70	60,355	17,586	-77,918	-39,669,515
	23	239.7	239.8	-106,673	0.5	0.70	60,355	17,549	-77,881	-39,747,396
	24	239.6	239.7	-106,451	0.5	0.70	60,355	17,513	-77,843	-39,825,239
	25	239.5	239.6	-106,229	0.5	0.70	60,355	17,476	-77,806	-39,903,045
	26	239.4	239.5	-106,007	0.4	0.40	34,549	17,440	-51,963	-39,955,008
	27	239.3	239.4	-105,784	0.4	0.40	34,549	17,403	-51,925	-40,006,933
	28	239.2	239.3	-105,562	0.4	0.40	34,549	17,367	-51,888	-40,058,820
	29	239.1	239.2	-105,340	0.4	0.40	34,549	17,330	-51,850	-40,110,671
	30	239.0	239.1	-105,118	0.4	0.40	34,549	17,294	-51,813	-40,162,483
	31	238.9	239.0	-104,897	0.4	0.40	34,549	17,257	-51,775	-40,214,258
Total				**-2,578,849**			**2,032,434**	**542,980**		**-40,214,258**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Sarah Henderson

From: Sarah Henderson
Sent: Thursday, August 5, 2021 3:38 PM
To: James Brown
Subject: RE: Water Use Permit Application - WRPERM 5712/5712A

Mr. Brown,
Regarding the referenced water use amendment application, I am unable to grant the request for an extension to respond to our letter dated July 8, 2021.
If you can, please provide a response by the original requested date of August 9, 2021 or the application may be returned.
Feel free to contact me with any questions or concerns.
Sincerely,
Sarah

Sarah Henderson
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
P.O. Box 13087/MC-160
Austin, TX 78711-3087
(P) 512.239.2535
(F) 512.239.4770

From: James Brown <[redacted]
Sent: Tuesday, August 3, 2021 11:45 AM
To: Sarah Henderson <Sarah.Henderson@tceq.texas.gov>; David Rivera <[redacted]>; Robert Price <[redacted]>; Lisa Nickel <[redacted]>; Holly Guillaume <[redacted]>
Subject: Water Use Permit Application - WRPERM 5712/5712A

Hello Sarah –

LJA is in receipt of your TCEQ comment letter dated July 8, 2021.

LJA and the owners of the property are officially requesting an extension of time to deliver our responses to TCEQ.

We are asking for a 60 day extension to October 8, 2021.

The property owners would like to meet with the Grand Lakes HOA to discuss possibilities of ownership, operations and maintenance for the lake and dam with them and LJA would also like additional time to investigate sub-surface monitoring systems due to the lack of above ground monitoring options.

Thank you very much in advance for consideration of this request.

If you have any questions, please do not hesitate to contact me on my cell at 713.899.1775

James E. Brown, P.E.
Senior Vice President
LJA Engineering, Inc.

1904 West Grand Parkway North, Suite 100
Katy, Texas 77449
P: 713.953.5200
D: 713.953.5284

Sarah Henderson

From: James Brown <[redacted]>
Sent: Tuesday, August 3, 2021 11:45 AM
To: Sarah Henderson; David Rivera; Robert Price; Lisa Nickel; Holly Guillaume
Subject: Water Use Permit Application - WRPERM 5712/5712A
Attachments: SRSuperior_5712A_Tech_RFI4_8Jul2021.pdf

Hello Sarah –

LJA is in receipt of your TCEQ comment letter dated July 8, 2021.

LJA and the owners of the property are officially requesting an extension of time to deliver our responses to TCEQ.

We are asking for a 60 day extension to October 8, 2021.

The property owners would like to meet with the Grand Lakes HOA to discuss possibilities of ownership, operations and maintenance for the lake and dam with them and LJA would also like additional time to investigate sub-surface monitoring systems due to the lack of above ground monitoring options.

Thank you very much in advance for consideration of this request.

If you have any questions, please do not hesitate to contact me on my cell at 713.899.1775

James E. Brown, P.E.
Senior Vice President
LJA Engineering, Inc.
1904 West Grand Parkway North, Suite 100
Katy, Texas 77449
P: 713.953.5200
D: 713.953.5284

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 8, 2021

Mr. David Rivera, P.E. **VIA E-MAIL**
LJA Engineering
1904 West Grand Parkway North, Suite 100
Katy, Texas 77449

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code § 11.122, Requiring Published and Mailed Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Rivera:

Staff has reviewed the response dated May 17, 2021 and determined that additional information is required, as discussed below, before staff can complete technical review of the application.

1. Confirm the requests in the application. Staff acknowledges the May 17, 2021 response (Item 1) indicating that the amendment is for Lake A only. As discussed in an April 30, 2021 meeting between TCEQ and the Applicant, there are additional reservoirs located on the property that would require a water right permit.

2. Confirm the location of the proposed weir and provide a USGS 7.5-minute topographic map (or equivalent) with any revised weir location clearly marked. Staff notes that, based on the May 17, 2021 response (Item 3), the weir is located approximately one mile downstream of Lake A. This location is downstream of both Lake A and an unpermitted reservoir and would not be an accurate representation of the outflow from Lake A. Staff would not be able to recommend granting the application with the weir in this location. As discussed in the April 30, 2021 meeting, if the weir remains at the current location, the reservoir between Lake A and the weir must be included in the application.

3. Revise the application as needed to provide additional information and maps related to any changes made pursuant to this letter. Include all information for any reservoirs included in the application, including capacity, surface area and Latitude and Longitude coordinates in decimal degrees to 6 decimal places.

Revise the accounting protocol as discussed below. Note that anytime a change is made within the accounting protocol spreadsheet or text description, the change should be reflected throughout both documents.

4. Revise the accounting protocol text description to demonstrate that the elevation of Lake A does not exceed the proposed new elevation of 243 feet msl. Staff acknowledges the May 17, 2021 response (Item 8); however, the text description has not been revised to reflect the new elevation.

5. Revise the accounting protocol text description to explain what action will be taken to pass water should it be required by downstream water rights, including any actions that will be taken to pass water downstream when the reservoir elevation is below the six inch pipe at 239 feet msl. Staff acknowledges the May 17, 2021 response (Item 9.e); however, the text description is incomplete. In addition, Staff notes that the proposed operation would not be adequate (See Item 2 of this request for information).

6. Revise the spreadsheet and text description to specifically address the following issues:

    a. Column E – Daily Delta Volume (ft^3):

        Staff notes that the reference range is correct in the spreadsheet formula but is offset by one row in the text description.

    b. Column G – Instantaneous Daily Flow (ft^3):

        The text description for column G should indicate that the weir is to be read daily.

    c. Column J – Daily Net Impounded Water Accountability (ft^3):

        i. The calculation in this column should add evaporation rather than subtracting it in both places in the formula. Evaporation must be accounted for as an addition for purposes of this accounting protocol.

        ii. The current formula in the column header (E4+H4+I4) is not consistent with the text description, and neither the formula nor the text description is consistent with the current formula in the column.

    d. Column K – Running Annual Net Impounded Water Accountability (ft^3):

        i. Explain what value in Column K would represent a net balance in the system such that no state water is impounded. Outflows measured at an appropriate weir location should be adequate to compensate for estimated inflows to the reservoir and evaporation from the reservoir.

        ii. The calculation in this column should demonstrate that any water impounded as part of the proposed long-term net balance will be passed downstream within a maximum of 30 days or that the applicant is able to pass water immediately if water is needed for downstream senior water rights. Staff acknowledges the May

17, 2021 response (Item 7); however, the text description has not been revised to reflect this information and there is no functionality in the accounting protocol that clearly demonstrates this.

7. Provide a revised version of the spreadsheet reflecting any changes made pursuant to TCEQ's April 8, 2021 letter and this request for information. Staff notes that no spreadsheet was provided with the May 17, 2021 response.

The information requested is considered essential by the executive director to make recommendations to the commission on whether the application can be granted. Please provide the requested information by August 9, 2021 or the application may be returned pursuant to Title 30 Texas Administrative Code § 281.19. Alternatively, you may have the question of the necessity of the requested data (or the sufficiency of the information already submitted) referred to the Commission for a decision. To be considered, a request for a referral must be provided by August 9, 2021.

If you have any questions concerning this matter please contact me via email at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah E Henderson

Sarah Henderson, Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

LJA Engineering, Inc.

1904 W. Grand Parkway North, Suite 100
Katy, Texas 77449
www.ljaengineering.com
Phone: 713.953.5200
Fax: 713.953.5026

LETTER OF TRANSMITTAL

To: Ms. Sarah Henderson Texas Commission on Environmental Quality (TCEQ) Attn: Water Rights Permitting & Availability Section P.O. Box 13087/MC-160 Austin, TX 78711-3087	Date: 5/20/2021 LJA Job No. 1282-1001 Attention: Re: VIA: FED-EX

WE ARE SENDING YOU the following items:

☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☒ Copy of Letter ☐ Change Order ☐ Other

Copies	Date	Description
1	5/17/2021	Response letter re: application No. 5712A to Amend Water Use Permit No. 5712.

THESE ARE TRANSMITTED as checked below:

☐ For approval
☐ For your use
☒ As requested
☐ For review & comment
☐ FOR BIDS DUE _____

☐ Approved as submitted
☐ Approved as noted
☐ Returned for corrections
☐ For signatures

☐ Resubmit ___ copies for approval
☐ Submit ____ copies for distribution
☐ Return ____ corrected prints
☐ _____
☐ Prints returned after loan to us

REMARKS: _____

RECEIVED
MAY 25 2021
Water Availability Division

Copy: _____

SIGNED: H Guillaume

C:\Users\hguillaume\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\4FRZ7ZV2\Transmittal Katy Office (002).docx

LJA ENGINEERING

1904 W Grand Parkway N, Suite 100, Katy, Texas 77449
t 713.953.5200 f 713.953.5026 LJA.com TBPE F-1386

May 17, 2021

Ms. Sarah Henderson, Project Manager
Texas Commission on Environmental Quality (TCEQ)
Attn: Water Rights Permitting & Availability Section
P.O. Box 13087/MC-160
Austin, Texas 78711-3087

Re: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Montgomery County, Texas
LJA Job No. 1282-1001 (6.0)

Dear Ms. Henderson:

On behalf of SR Superior, LLC (owner of the above mentioned facility), LJA Engineering, Inc. (LJA) would like to submit this letter to the TCEQ as a response to the letter dated April 22, 2021 indicating the request for additional information. A response has been added after each comment to provide clarification or additional information in order to resolve each issue.

Comments & Responses

1. Clarify what the application is requesting. The initial application requests changes to the existing authorization for Lake A only. However, staff notes that multiple unpermitted reservoirs are located on the property identified in the application.

Response: *This amendment is for Lake A only. No other reservoirs are a part of this amendment.*

2. Revise the application as needed to provide additional information and maps related to any changes to the request. In particular, include all applicable information for any reservoirs affected by the application, including capacity, surface area and Latitude and Longitude coordinates to six decimal places.

Response: *This amendment is for Lake A only.*

3. Provide Latitude and Longitude coordinates to six decimal places for the proposed weir location downstream of Lake A.

Response: *The downstream weir location is proposed to be 30.269188°-95,638886° which is at the southern boundary.*

RECEIVED
MAY 25 2021
Water Availability Division

4: Provide a USGS 7.5 minute topographic map (or equivalent) with the proposed weir location downstream of Lake A clearly marked. Staff notes that the previously identified weir location, pictured in the March 9, 2012 response, is too far downstream of Lake A to be used for purposes of the accounting protocol unless the reservoir downstream of Lake A is included in the application.

Response: *We request this weir located at the southern boundary to demonstrate water coming in from upstream is being released at the southern limits of the property. See* ***Attachment 1****: USGS topographic map.*

5. Provide the elevation of Lake A at the proposed new capacity of 199 acre-feet.

Response: *The proposed elevation of lake A is elevation 243. Current weir is at an elevation of 245. A 24-inch pipe will be installed to ensure the elevation is maintained. (245'-2'=243').* ***A smaller 6-inch pipe will be installed 6 feet lower in elevation (239) for times of drought. See Attachment 2****, Proposed Dam "A" Modification.*

6. Provide the most recently updated text description for the accounting protocol. The most recently provided version of the text description is not consistent with the most recent changes to the spreadsheet. Revise the accounting protocol as discussed below. Note that anytime a change is made within the accounting protocol spreadsheet or text description, the change should be reflected throughout both documents.

Response: *Please see* ***Attachment 3*** *for a revised description of the Water Accountability Monitoring Program Protocol Excel Workbook.*

7. Revise the protocol to demonstrate that any water impounded as part of the proposed long-term net balance will be passed downstream within 30 days (at the most) or immediately if water is needed for downstream senior water rights.

Response: *Protocol calculates the net impoundment/release on a monthly basis. After rainfall, water will be released through the spillway and/or through the proposed 24-inch pipe within 3 days. Should a release of water be required below this elevation a 6-inch pipe with valve is proposed so that the water can be released immediately if water is needed for downstream water rights.*

8. Revise the protocol to demonstrate that the elevation of Lake A does not exceed the elevation at the proposed new capacity of 199 acre-feet.

Response: *After a rainfall that raises the level of the lake, excess water will be released via spillway or through the 24-inch pipe as shown in* ***Attachment 2****, Proposed Dam "A" Modification. The level of the lake should be back to the required elevation within 3 days. No required revision to the protocol should be required for this since it is a temporary detention.*

9. Revise the spreadsheet columns and text description to specifically address the following issues:

9a. Column E - Delta Volume: Revise the text description to be consistent with the formula in spreadsheet. Both increases and decreases are calculated.

Response: *Added the word "daily". (Daily Delta Volume)*

9b:i. Column G – Flow: Revise the text description to clarify that the weir is to be read daily. Columns F & H indicate daily readings, as affirmed in the January 27, 2014 response, but Column G indicates weekly.

Response: *Revised column G to "Instantaneous Daily Flow". We converted to 24 hour volume. We use the value in column G to calculate flow in Column H. The daily read uses weir height to calculate instantaneous flow which is converted to a 24 hour volume assuming this flow as average flow in CFS.*

9b:ii. Explain why a daily reading would be missed and for how long a reading might be repeated.

Response: *A daily reading might be missed during periods of inclement weather, such as a heavy rain event, in which case water is flowing downstream anyway.*

9c. Column I - Evaporation: Revise the text description for Column I to indicate that monthly maximum net evaporation rates (from the TCEQ San Jacinto River Basin Water Availability Models) are used, as affirmed in the January 27, 2014 response.

Response: *A footnote has been added in the chart, to clarify source of values. This should show up on every page when printed.*

9d:i.Column J - Net Impounded Water: Revise the calculation to add evaporation rather than subtracting it in both places where this is done in the formula. Staff notes that the current calculation gives credit for evaporation as a downstream release.

Response: *The daily calculation in Column J is incoming water (based on a change in lake level) minus outgoing water minus evaporation. (incoming – outgoing – evaporation)*

9d:ii. Revise the text description to be consistent with the formula in the spreadsheet. Staff notes that the formula shown, and the description for it, are not the same as the formula in the spreadsheet.

Response: *The description has been revised to "net impounded water accountability."*

9e. Col K - Current Year Total: Revise the text description to explain what action will be taken to pass water should it be required by downstream water rights.

Response: *Note: Column K was revised to "Running Annual Net Impounded Water Accountability (ft^3)". If required for downstream water rights, the 6" low flow pipe valve will be opened to allow water to pass.*

Having addressed the comments listed above, we humbly request that the TCEQ approve the permit amendment to allow the project to move forward. If additional clarification is needed on any of the above comments, please do not hesitate to contact me at any time at 713.953.5277 or by email at [redacted].

Sincerely,

David A. Rivera, PE
Vice President

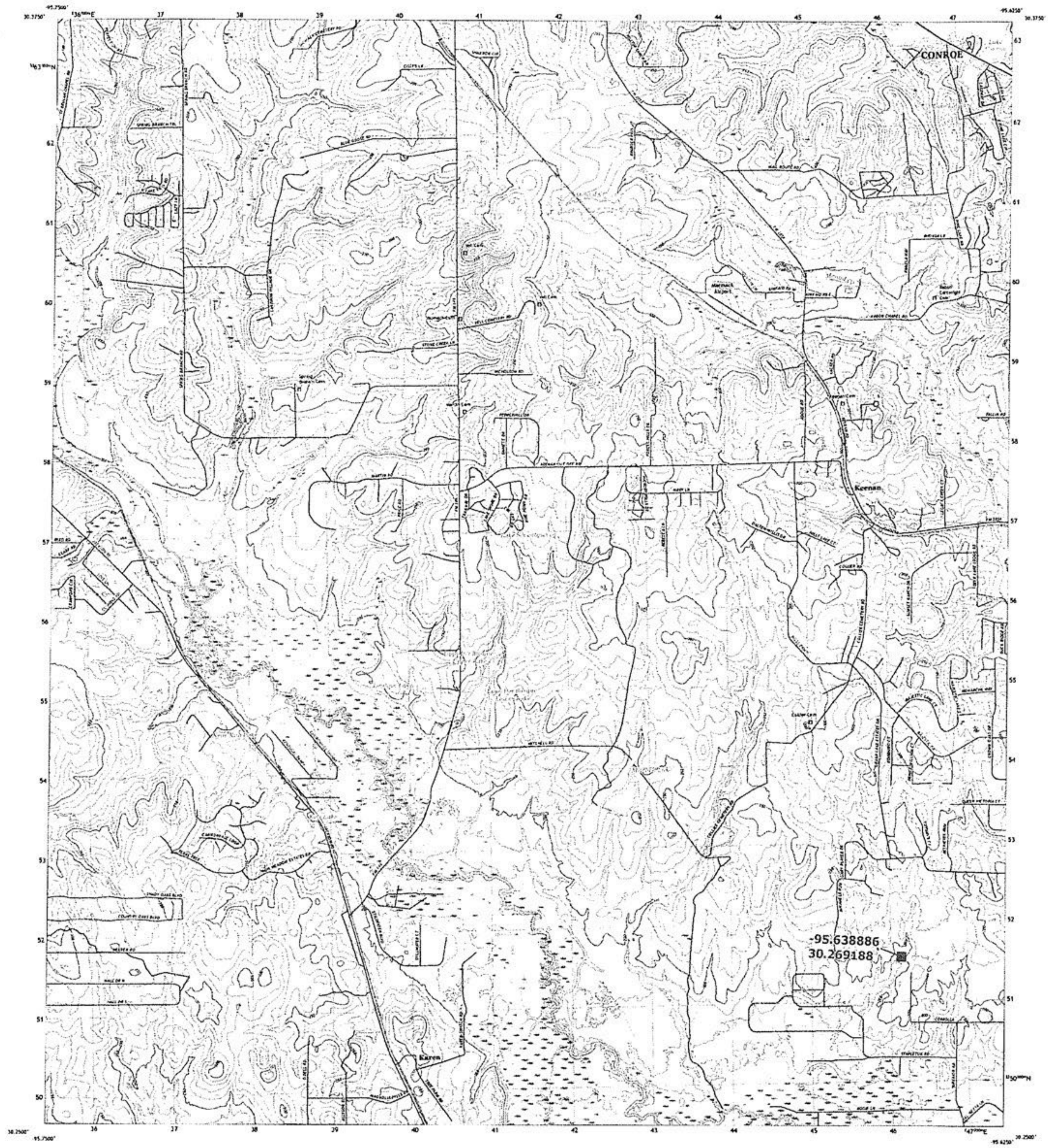
DAR/jb

USGS
science for a changing world

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map
US Topo

KEENAN QUADRANGLE
TEXAS - MONTGOMERY COUNTY
7.5-MINUTE SERIES



Produced by the United States Geological Survey

SCALE 1:24 000

KILOMETERS

METERS

MILES

FEET

SKY RANCH EXHIBIT

LAKE A - DOWNSTREAM WEIR LOCATION
USGS TOPOGRAPHIC EXHIBIT

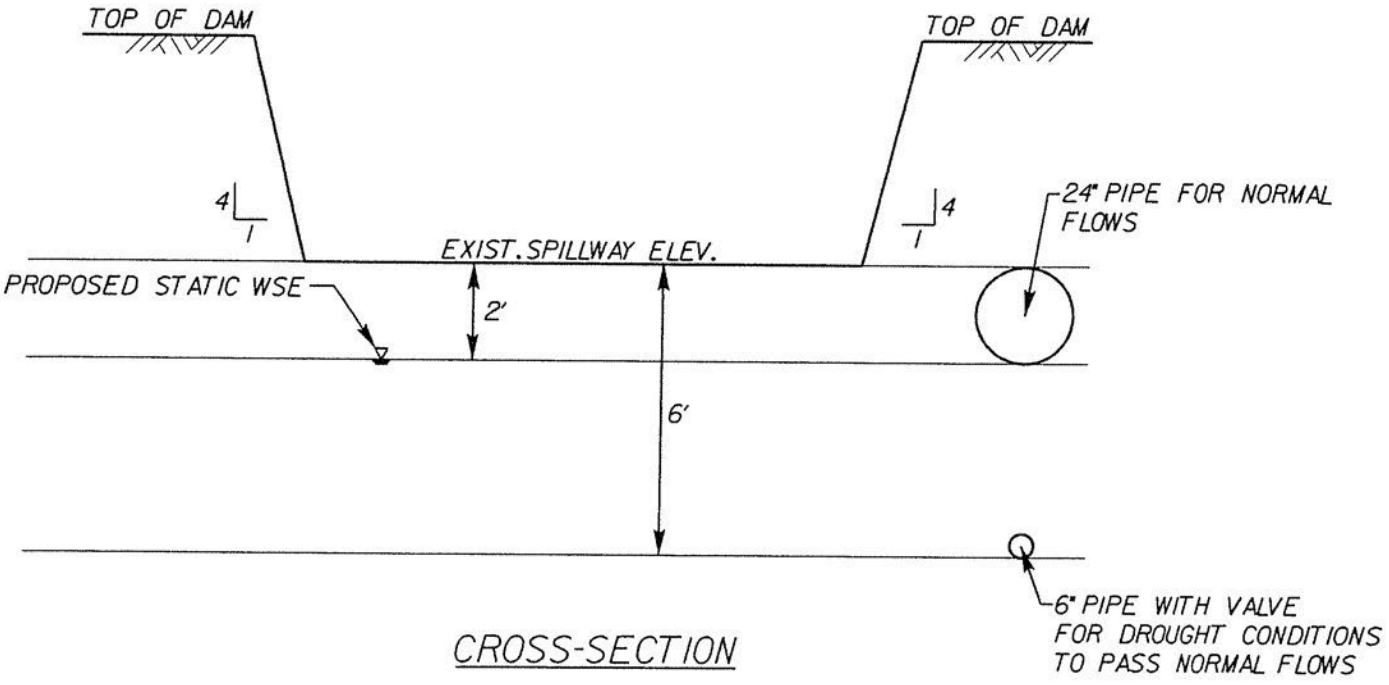
LJA ENGINEERING

MAY 2021

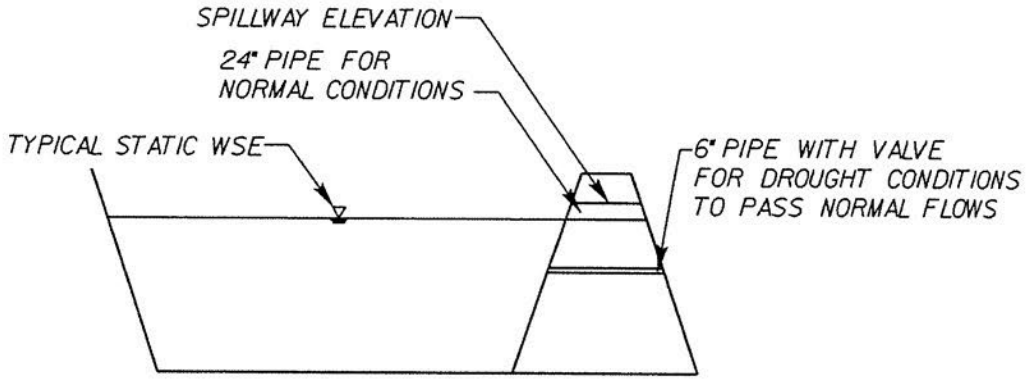
ROAD CLASSIFICATION

KEENAN, TX
2019

PROPOSED DAM "A" MODIFICATION



CROSS-SECTION



PROFILE

DATE: JULY, 2011

LJA Engineering, Inc.

2929 Briarpark Drive
Suite 600
Houston, Texas 77042

Phone 713.953.5200
Fax 713.953.5026
FRN - F-1386

Water Accountability Monitoring Program Protocol
(Excel Workbook Description)

SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment
TCEQ Water Rights Permit No. 5712, Montgomery County, Texas
LJA Job No. 1282-1001

The Water Accounting Monitoring Program Protocol is detailed in an Excel Workbook containing two worksheets titled: "Year __" and "Reference". The "Year __" worksheet is used to determine the daily net impounded water and the current year total of water being impounded given the lake water elevation, a height reading from a weir monitoring outflow, and the daily average lake evaporation. The "Reference" worksheet utilizes the changes in lake elevation by the tenth of a foot to determine the lake surface area and is used for the Vlookup commands in the "Year __" worksheet.

Worksheet 1: "Year __"

Column A
Month: represents what calendar month it is.

Column B
Day: represents what day of the month it is.

Columns C through E
Reference the water in the lake

Column C - Current Elevation (ft): A daily input of the lake's current elevation.

Column D
Previous Elevation (ft): Represents the previous day's elevation so that the change in water elevation can be determined. The value of the previous elevation is automatically generated based on the input for current elevation for the previous day. Current elevation day one is cell C4, once a number is put into that cell it is copied into cell D5, cell D5 equals cell C4. This equation is copied down the entire column so cell D6 equals cell C5, cell D7 equals cell C6 and so forth. This cell is locked and cannot be edited.

Column E
Daily Delta Volume (ft^3): =
(VLOOKUP(D3,reference!$B$2:$C$172,2)+VLOOKUP(C3,reference!$B$2:$C$172,2))/2(C3-D3)*
This represents the daily change in the lake's volume given the change in the lake water's elevation. VLOOKUP is used to find the areas that correlate with the previous elevation (D column) and current elevation (C column) from the reference sheet's B and C columns. Once these areas are found they are averaged together and multiplied by the change in height to get the change in volume. This is noted in the cell as a positive or negative value relative to the previous elevation.

Columns F through H
Reference the outflow of water through the weir.

Column F
Height (ft): This column requires a daily input from a reading on the weir. If a reading is missed, the previous day's value will be used until a reading is taken on subsequent days.

Column G

Instantaneous Daily Flow ($\frac{ft^3}{s}$): =(8/15)*(0.57)*((2*32.2)^0.5)*TAN(90/2)*F4^(5/2)
This column is generated from the equation for flow through a V-shaped weir. The equation is: $Q=\frac{8}{15}k\sqrt{2g}\ \tan\frac{\theta}{2}\ H^{\frac{5}{2}}$ For this exercise k is a constant, $k = 0.57$, g is gravity, $g = 32.2\frac{ft}{s^2}$, θ is the angle of the V-shaped weir, $\theta = 90^{\circ}$, and H is the height that is read off the weir weekly or for 3 days after a measurable increase in volume within the lake. The units for this column are $\frac{ft^3}{s}$.

Column H

24hr Volume ($\frac{ft^3}{day}$): =G4*24*60*60

This is a simple unit conversion to go from $\frac{ft^3}{s}$ to $\frac{ft^3}{day}$.

$1\frac{ft^3}{s}\times\frac{60\cancel{s}}{\cancel{min}}\times\frac{60\ \cancel{min}}{\cancel{hr}}\times\frac{24\cancel{hr}}{day}=86{,}400\frac{ft^3}{day}$. The reading from the weir is only taken once a day so units have to be converted so it can represent the entire day of outflow from the lake.

Column I
Evaporation (ft^3): =
($I$3/12)*(VLOOKUP(D4,reference!$B$3:$C$173,2)+VLOOKUP(C4,reference!$B$3:$C$173,2)
)/2
Cell I3 is the month's daily average evaporation in inches. The TCEQ provided a table of net evaporation rates in feet in a letter dated November 18, 2013. The evaporation rate is converted to inches by multiplying by 12 inches per foot and then divided by the number of days in that particular month to get a daily evaporation rate.

The daily evaporation rate in cell I3 in inches is then divided by 12 to change the units to feet. The daily average evaporation in feet is then multiplied by the average of the VLOOKUP for the surface areas that correlate to the Previous Elevation (Column D) and the Current Elevation (Column C).

Column J
Daily Net Impounded Water Accountability (ft^3): = E4+H4+I4
This column is adding up the amount of water lost daily. It takes the Delta Volume, minus the 24hr Volume, minus the Evaporation. If a positive number occurs then the lake has retained water. If a negative number is produced then the lake has lost water.

Column K
Running Annual Net Impounded Water Accountability (ft^3): =J4+K3
This takes the Net Impounded Water (Column J), and adds it with the previous total for the year. This number can be checked monthly, quarterly, or annually to get a running average to verify the lake is not retaining water.

Water Accountability Monitoring Program Protocol
(Excel Workbook Description)

SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment
TCEQ Water Rights Permit No. 5712, Montgomery County, Texas
LJA Job No. 1282-1001

The Water Accounting Monitoring Program Protocol is detailed in an Excel Workbook containing two worksheets titled: "Year __" and "Reference". The "Year __" worksheet is used to determine the daily net impounded water and the current year total of water being impounded given the lake water elevation, a height reading from a weir monitoring outflow, and the daily average lake evaporation. The "Reference" worksheet utilizes the changes in lake elevation by the tenth of a foot to determine the lake surface area and is used for the Vlookup commands in the "Year __" worksheet.

Worksheet 1: "Year __"

Column A
Month: represents what calendar month it is.

Column B
Day: represents what day of the month it is.

Columns C through E
Reference the water in the lake

Column C - Current Elevation (ft): A daily input of the lake's current elevation.

Column D
Previous Elevation (ft): Represents the previous day's elevation so that the change in water elevation can be determined. The value of the previous elevation is automatically generated based on the input for current elevation for the previous day. Current elevation day one is cell C4, once a number is put into that cell it is copied into cell D5, cell D5 equals cell C4. This equation is copied down the entire column so cell D6 equals cell C5, cell D7 equals cell C6 and so forth. This cell is locked and cannot be edited.

Column E
Daily Delta Volume (ft^3): =
(VLOOKUP(D3,reference!$B$2:$C$172,2)+VLOOKUP(C3,reference!$B$2:$C$172,2))/2(C3-D3)*
This represents the daily change in the lake's volume given the change in the lake water's elevation. VLOOKUP is used to find the areas that correlate with the previous elevation (D column) and current elevation (C column) from the reference sheet's B and C columns. Once these areas are found they are averaged together and multiplied by the change in height to get the change in volume. This is noted in the cell as a positive or negative value relative to the previous elevation.

Worksheet 2: "reference"

Column B
Elevation (ft): This is the elevation from the top of the dam to the bottom of the lake given in tenths of a foot for accuracy when used in calculations.

Column C
Area (ft^2): =($C$13-$C$3)/($B$13-$B$3)*(B4-$B$3)+$C$3
Areas were determined for elevations at every foot as determined in a CAD drawing of the lake. The tenth of foot areas in the column were interpolated based off exact feet elevations and areas.

Water Accountability Monitoring Program Protocol
(Excel Workbook Example Showing Column Identification)

	A	B	C	D	E	F	G	H	I	J	K
1	Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Impounded Water Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
2	Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* =		
3									0.197		
4	January	1	245.0	244.0	1,174,964	0.4	0.40	34,549	19,330	1,121,085	1,121,085
5		2	244.9	245.0	-118,546	0.6	1.10	95,206	19,503	-114,709	1,006,376
6		3	244.8	244.9	-118,313	0.6	1.10	95,206	19,464	-114,670	891,706
7		4	244.7	244.8	-118,080	0.6	1.10	95,206	19,426	-114,632	777,075
8		5	244.6	244.7	-117,846	0.6	1.10	95,206	19,388	-114,593	662,481
9		6	244.5	244.6	-117,613	0.6	1.10	95,206	19,349	-114,555	547,926
10		7	244.4	244.5	-117,380	0.6	1.10	95,206	19,311	-114,517	433,410
11		8	244.3	244.4	-117,146	0.6	1.10	95,206	19,272	-114,478	318,931
12		9	244.2	244.3	-116,913	0.5	0.70	60,355	19,234	-79,589	239,343
13		10	244.1	244.2	-116,680	0.5	0.70	60,355	19,196	-79,550	159,793
14		11	244.0	244.1	-116,447	0.6	1.10	95,206	19,157	-114,363	45,429
15		12	243.9	244.0	-116,214	0.6	1.10	95,206	19,119	-114,325	-68,895
16		13	243.8	243.9	-115,983	0.6	1.10	95,206	19,081	-114,287	-183,182
17		14	243.8	243.8	0	0.5	0.70	60,355	19,062	-79,417	-262,599
18		15	243.6	243.8	-231,272	0.5	0.70	60,355	19,024	-79,379	-341,977
19		16	243.5	243.6	-115,289	0.6	1.10	95,206	18,967	-114,173	-456,150
20		17	243.4	243.5	-115,057	0.6	1.10	95,206	18,929	-114,135	-570,284
21		18	243.3	243.4	-114,826	0.6	1.10	95,206	18,891	-114,096	-684,381
22		19	243.2	243.3	-114,595	0.6	1.10	95,206	18,853	-114,058	-798,439
23		20	243.1	243.2	-114,363	0.6	1.10	95,206	18,815	-114,020	-912,460
24		21	243.0	243.1	-114,132	0.6	1.10	95,206	18,777	-113,982	-1,026,442
25		22	242.9	243.0	-113,902	0.6	1.10	95,206	18,739	-113,944	-1,140,386
26		23	242.8	242.9	-113,673	0.6	1.10	95,206	18,701	-113,907	-1,254,293
27		24	242.7	242.8	-113,444	0.5	0.70	60,355	18,663	-79,018	-1,333,311
28		25	242.6	242.7	-113,216	0.4	0.40	34,549	18,626	-53,175	-1,386,486
29		26	244.0	242.6	1,606,018	0.5	0.70	60,355	18,873	1,526,791	140,305
30		27	243.7	244.0	-347,949	0.7	1.62	139,968	19,081	-159,049	-18,744
31		28	243.4	243.7	-345,866	0.7	1.62	139,968	18,967	-158,935	-177,679
32		29	243.1	243.4	-343,784	0.7	1.62	139,968	18,853	-158,821	-336,501
33		30	243.0	243.1	-114,132	0.6	1.10	95,206	18,777	-113,982	-450,483
34		31	242.7	243.0	-341,020	0.6	1.10	95,206	18,701	-113,907	-564,390
35	Total				-1,492,698			2,755,245	590,127		-564,390
36	*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation										

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)*	Daily Net Impounded Water Accountability (ft^3)	Running Annual Net Impounded Water Accountability (ft^3)
Month	Day	Current Elevation (ft) Reading	Previous Elevation (ft)	ΔV Daily Delta Volume (ft^3)	Height (H) (ft) Reading	Instantaneous Daily Flow (Q) (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in)* = 0.197		
January	1	245.0	244.0	1,174,964	0.4	0.40	34,549	19,330	1,121,085	1,121,085
	2	244.9	245.0	-118,546	0.6	1.10	95,206	19,503	-114,709	1,006,376
	3	244.8	244.9	-118,313	0.6	1.10	95,206	19,464	-114,670	891,706
	4	244.7	244.8	-118,080	0.6	1.10	95,206	19,426	-114,632	777,075
	5	244.6	244.7	-117,846	0.6	1.10	95,206	19,388	-114,593	662,481
	6	244.5	244.6	-117,613	0.6	1.10	95,206	19,349	-114,555	547,926
	7	244.4	244.5	-117,380	0.6	1.10	95,206	19,311	-114,517	433,410
	8	244.3	244.4	-117,146	0.6	1.10	95,206	19,272	-114,478	318,931
	9	244.2	244.3	-116,913	0.5	0.70	60,355	19,234	-79,589	239,343
	10	244.1	244.2	-116,680	0.5	0.70	60,355	19,196	-79,550	159,793
	11	244.0	244.1	-116,447	0.6	1.10	95,206	19,157	-114,363	45,429
	12	243.9	244.0	-116,214	0.6	1.10	95,206	19,119	-114,325	-68,895
	13	243.8	243.9	-115,983	0.6	1.10	95,206	19,081	-114,287	-183,182
	14	243.8	243.8	0	0.5	0.70	60,355	19,062	-79,417	-262,599
	15	243.6	243.8	-231,272	0.5	0.70	60,355	19,024	-79,379	-341,977
	16	243.5	243.6	-115,289	0.6	1.10	95,206	18,967	-114,173	-456,150
	17	243.4	243.5	-115,057	0.6	1.10	95,206	18,929	-114,135	-570,284
	18	243.3	243.4	-114,826	0.6	1.10	95,206	18,891	-114,096	-684,381
	19	243.2	243.3	-114,595	0.6	1.10	95,206	18,853	-114,058	-798,439
	20	243.1	243.2	-114,363	0.6	1.10	95,206	18,815	-114,020	-912,460
	21	243.0	243.1	-114,132	0.6	1.10	95,206	18,777	-113,982	-1,026,442
	22	242.9	243.0	-113,902	0.6	1.10	95,206	18,739	-113,944	-1,140,386
	23	242.8	242.9	-113,673	0.6	1.10	95,206	18,701	-113,907	-1,254,293
	24	242.7	242.8	-113,444	0.5	0.70	60,355	18,663	-79,018	-1,333,311
	25	242.6	242.7	-113,216	0.4	0.40	34,549	18,626	-53,175	-1,386,486
	26	244.0	242.6	1,606,018	0.5	0.70	60,355	18,873	1,526,791	140,305
	27	243.7	244.0	-347,949	0.7	1.62	139,968	19,081	-159,049	-18,744
	28	243.4	243.7	-345,866	0.7	1.62	139,968	18,967	-158,935	-177,679
	29	243.1	243.4	-343,784	0.7	1.62	139,968	18,853	-158,821	-336,501
	30	243.0	243.1	-114,132	0.6	1.10	95,206	18,777	-113,982	-450,483
	31	242.7	243.0	-341,020	0.6	1.10	95,206	18,701	-113,907	-564,390
Total				**-1,492,698**			**2,755,245**	**590,127**		**-564,390**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.090		
February	1	243.3	242.7	684,121	0.6	1.10	95,206	8,552	580,364	15,974
	2	243.2	243.3	-114,595	0.6	1.10	95,206	8,595	-103,800	-87,826
	3	243.1	243.2	-114,363	0.5	0.70	60,355	8,577	-68,932	-156,758
	4	243.0	243.1	-114,132	0.4	0.40	34,549	8,560	-43,109	-199,867
	5	242.9	243.0	-113,902	0.4	0.40	34,549	8,543	-43,092	-242,958
	6	242.8	242.9	-113,673	0.3	0.19	16,830	8,525	-25,356	-268,314
	7	242.5	242.8	-339,647	0.3	0.19	16,830	8,491	-25,321	-293,635
	8	243.0	242.5	567,222	0.6	1.10	95,206	8,508	463,508	169,873
	9	242.4	243.0	-679,980	0.6	1.10	95,206	8,500	-103,705	66,167
	10	242.3	242.4	-112,529	0.6	1.10	95,206	8,440	-103,645	-37,478
	11	242.1	242.3	-224,373	0.6	1.10	95,206	8,414	-103,620	-141,098
	12	242.0	242.1	-111,843	0.5	0.70	60,355	8,388	-68,743	-209,841
	13	241.9	242.0	-111,616	0.5	0.70	60,355	8,371	-68,726	-278,566
	14	241.8	241.9	-111,390	0.5	0.70	60,355	8,354	-68,709	-347,275
	15	241.7	241.8	-111,163	0.5	0.70	60,355	8,337	-68,692	-415,967
	16	241.6	241.7	-110,937	0.5	0.70	60,355	8,320	-68,675	-484,642
	17	241.5	241.6	-110,711	0.4	0.40	34,549	8,303	-42,852	-527,494
	18	241.4	241.5	-110,485	0.4	0.40	34,549	8,286	-42,835	-570,329
	19	241.3	241.4	-110,259	0.4	0.40	34,549	8,269	-42,818	-613,148
	20	241.2	241.3	-110,033	0.4	0.40	34,549	8,252	-42,801	-655,949
	21	241.1	241.2	-109,806	0.4	0.40	34,549	8,235	-42,784	-698,734
	22	241.0	241.1	-109,580	0.3	0.19	16,830	8,219	-25,049	-723,782
	23	240.9	241.0	-109,355	0.3	0.19	16,830	8,202	-25,032	-748,814
	25	240.8	240.9	-109,131	0.3	0.19	16,830	8,185	-25,015	-773,829
	26	240.7	240.8	-108,907	0.3	0.19	16,830	8,168	-24,998	-798,827
	27	240.6	240.7	-108,683	0.4	0.40	34,549	8,151	-42,700	-841,527
	28	240.5	240.6	-108,459	0.4	0.40	34,549	8,134	-42,683	-884,211
	29	240.4	240.5	-108,236	0.3	0.19	16,830	8,118	-24,948	-909,159
Total				**-2,546,446**			**1,362,113**	**233,999**		**-909,159**

***monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation**

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.124		
March	1	241.8	240.4	1,535,800	0.5	0.70	60,355	11,324	1,464,122	554,963
	2	241.7	241.8	-111,163	0.5	0.70	60,355	11,475	-71,829	483,134
	3	241.5	241.7	-221,648	0.5	0.70	60,355	11,440	-71,794	411,339
	4	243.0	241.5	1,684,607	0.5	0.70	60,355	11,593	1,612,659	2,023,999
	5	242.9	243.0	-113,902	0.6	1.10	95,206	11,758	-106,963	1,917,035
	6	242.8	242.9	-113,673	0.5	0.70	60,355	11,734	-72,089	1,844,947
	7	242.7	242.8	-113,444	0.4	0.40	34,549	11,710	-46,259	1,798,687
	8	242.6	242.7	-113,216	0.4	0.40	34,549	11,687	-46,236	1,752,452
	9	242.5	242.6	-112,987	0.4	0.40	34,549	11,663	-46,212	1,706,239
	10	242.4	242.5	-112,758	0.4	0.40	34,549	11,640	-46,189	1,660,051
	11	242.3	242.4	-112,529	0.4	0.40	34,549	11,616	-46,165	1,613,886
	12	242.2	242.3	-112,301	0.4	0.40	34,549	11,592	-46,141	1,567,745
	13	242.1	242.2	-112,072	0.4	0.40	34,549	11,569	-46,118	1,521,627
	14	242.0	242.1	-111,843	0.4	0.40	34,549	11,545	-46,094	1,475,533
	15	241.9	242.0	-111,616	0.4	0.40	34,549	11,522	-46,071	1,429,462
	16	241.8	241.9	-111,390	0.6	1.10	95,206	11,498	-106,704	1,322,758
	17	243.7	241.8	2,155,667	0.7	1.62	139,968	11,712	2,003,987	3,326,745
	18	243.6	243.7	-115,520	0.7	1.62	139,968	11,925	-151,893	3,174,852
	19	243.5	243.6	-115,289	0.7	1.62	139,968	11,901	-151,869	3,022,983
	20	243.4	243.5	-115,057	0.7	1.62	139,968	11,877	-151,845	2,871,137
	21	243.3	243.4	-114,826	0.7	1.62	139,968	11,853	-151,821	2,719,316
	22	243.2	243.3	-114,595	0.7	1.62	139,968	11,829	-151,798	2,567,518
	23	243.1	243.2	-114,363	0.7	1.62	139,968	11,805	-151,774	2,415,745
	24	243.0	243.1	-114,132	0.6	1.10	95,206	11,781	-106,987	2,308,758
	25	242.9	243.0	-113,902	0.6	1.10	95,206	11,758	-106,963	2,201,794
	26	242.8	242.9	-113,673	0.6	1.10	95,206	11,734	-106,940	2,094,855
	27	242.7	242.8	-113,444	0.6	1.10	95,206	11,710	-106,916	1,987,938
	28	242.6	242.7	-113,216	0.6	1.10	95,206	11,687	-106,893	1,881,046
	29	242.5	242.6	-112,987	0.6	1.10	95,206	11,663	-106,869	1,774,177
	30	242.4	242.5	-112,758	0.6	1.10	95,206	11,640	-106,845	1,667,332
	31	243.5	242.4	1,252,993	0.6	1.10	95,206	11,758	1,146,029	2,813,361
Total				3,460,762			2,544,550	361,998		2,813,361

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.168		
April	1	242.3	243.5	-1,365,529	0.6	1.10	95,206	15,931	-111,137	2,702,224
	2	242.2	242.3	-112,301	0.5	0.70	60,355	15,722	-76,077	2,626,147
	3	242.1	242.2	-112,072	0.5	0.70	60,355	15,690	-76,045	2,550,102
	4	242.0	242.1	-111,843	0.5	0.70	60,355	15,658	-76,013	2,474,090
	5	241.9	242.0	-111,616	0.5	0.70	60,355	15,626	-75,981	2,398,109
	6	241.8	241.9	-111,390	0.5	0.70	60,355	15,595	-75,949	2,322,160
	7	241.7	241.8	-111,163	0.3	0.19	16,830	15,563	-32,393	2,289,767
	8	241.5	241.7	-221,648	0.3	0.19	16,830	15,515	-32,346	2,257,421
	9	243.0	241.5	1,684,607	0.6	1.10	95,206	15,723	1,573,678	3,831,100
	10	242.9	243.0	-113,902	0.6	1.10	95,206	15,946	-111,152	3,719,948
	11	242.8	242.9	-113,673	0.6	1.10	95,206	15,914	-111,120	3,608,828
	12	242.7	242.8	-113,444	0.6	1.10	95,206	15,882	-111,088	3,497,740
	13	242.6	242.7	-113,216	0.6	1.10	95,206	15,850	-111,056	3,386,684
	14	242.5	242.6	-112,987	0.6	1.10	95,206	15,818	-111,024	3,275,660
	15	242.4	242.5	-112,758	0.6	1.10	95,206	15,786	-110,992	3,164,668
	16	242.3	242.4	-112,529	0.5	0.70	60,355	15,754	-76,109	3,088,559
	17	242.2	242.3	-112,301	0.5	0.70	60,355	15,722	-76,077	3,012,483
	18	242.1	242.2	-112,072	0.5	0.70	60,355	15,690	-76,045	2,936,438
	19	242.0	242.1	-111,843	0.5	0.70	60,355	15,658	-76,013	2,860,425
	20	241.9	242.0	-111,616	0.5	0.70	60,355	15,626	-75,981	2,784,445
	21	241.8	241.9	-111,390	0.4	0.40	34,549	15,595	-50,143	2,734,301
	22	242.4	241.8	671,761	0.6	1.10	95,206	15,674	560,881	3,295,182
	23	242.3	242.4	-112,529	0.6	1.10	95,206	15,754	-110,960	3,184,222
	24	242.2	242.3	-112,301	0.6	1.10	95,206	15,722	-110,928	3,073,294
	25	242.1	242.2	-112,072	0.6	1.10	95,206	15,690	-110,896	2,962,398
	26	242.0	242.1	-111,843	0.6	1.10	95,206	15,658	-110,864	2,851,534
	27	241.9	242.0	-111,616	0.5	0.70	60,355	15,626	-75,981	2,775,554
	28	241.8	241.9	-111,390	0.5	0.70	60,355	15,595	-75,949	2,699,605
	29	241.7	241.8	-111,163	0.5	0.70	60,355	15,563	-75,917	2,623,687
	30	241.6	241.7	-110,937	0.5	0.70	60,355	15,531	-75,886	2,547,801
Total				-2,146,776			2,150,848	471,079		2,547,801

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.166		
May	1	241.5	241.6	-110,711	0.4	0.40	34,549	15,357	-49,906	2,497,896
	2	241.4	241.5	-110,485	0.4	0.40	34,549	15,325	-49,874	2,448,022
	3	241.3	241.4	-110,259	0.5	0.70	60,355	15,294	-75,648	2,372,373
	4	241.2	241.3	-110,033	0.5	0.70	60,355	15,263	-75,617	2,296,756
	5	241.1	241.2	-109,806	0.3	0.19	16,830	15,231	-32,061	2,264,695
	6	241.0	241.1	-109,580	0.4	0.40	34,549	15,200	-49,749	2,214,946
	7	240.9	241.0	-109,355	0.3	0.19	16,830	15,169	-31,999	2,182,947
	8	240.8	240.9	-109,131	0.3	0.19	16,830	15,138	-31,968	2,150,979
	9	240.7	240.8	-108,907	0.4	0.40	34,549	15,106	-49,655	2,101,324
	10	241.5	240.7	877,573	0.5	0.70	60,355	15,216	802,003	2,903,326
	11	241.4	241.5	-110,485	0.6	1.10	95,206	15,325	-110,531	2,792,795
	12	241.3	241.4	-110,259	0.6	1.10	95,206	15,294	-110,500	2,682,296
	13	241.2	241.3	-110,033	0.6	1.10	95,206	15,263	-110,468	2,571,827
	14	241.1	241.2	-109,806	0.5	0.70	60,355	15,231	-75,586	2,496,242
	15	241.0	241.1	-109,580	0.5	0.70	60,355	15,200	-75,554	2,420,687
	16	240.9	241.0	-109,355	0.5	0.70	60,355	15,169	-75,523	2,345,164
	17	240.8	240.9	-109,131	0.4	0.40	34,549	15,138	-49,687	2,295,478
	18	240.7	240.8	-108,907	0.4	0.40	34,549	15,106	-49,655	2,245,822
	19	240.6	240.7	-108,683	0.4	0.40	34,549	15,075	-49,624	2,196,198
	20	241.6	240.6	1,096,978	0.5	0.70	60,355	15,216	1,021,407	3,217,605
	21	241.5	241.6	-110,711	0.6	1.10	95,206	15,357	-110,562	3,107,042
	22	241.4	241.5	-110,485	0.6	1.10	95,206	15,325	-110,531	2,996,511
	23	241.3	241.4	-110,259	0.6	1.10	95,206	15,294	-110,500	2,886,012
	24	241.2	241.3	-110,033	0.5	0.70	60,355	15,263	-75,617	2,810,394
	25	241.1	241.2	-109,806	0.5	0.70	60,355	15,231	-75,586	2,734,809
	26	241.0	241.1	-109,580	0.5	0.70	60,355	15,200	-75,554	2,659,254
	27	240.9	241.0	-109,355	0.5	0.70	60,355	15,169	-75,523	2,583,731
	28	240.8	240.9	-109,131	0.4	0.40	34,549	15,138	-49,687	2,534,045
	29	240.7	240.8	-108,907	0.4	0.40	34,549	15,106	-49,655	2,484,389
	30	240.6	240.7	-108,683	0.4	0.40	34,549	15,075	-49,624	2,434,765
	31	240.5	240.6	-108,459	0.3	0.19	16,830	15,044	-31,875	2,402,890
Total				-1,205,366			1,647,945	471,517		2,402,890

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.216		
June	1	240.3	240.5	-216,247	0.3	0.19	16,830	19,462	-36,292	2,366,598
	2	240.2	240.3	-107,788	0.3	0.19	16,830	19,402	-36,232	2,330,366
	3	240.1	240.2	-107,564	0.3	0.19	16,830	19,361	-36,192	2,294,174
	4	240.0	240.1	-107,340	0.3	0.19	16,830	19,321	-36,151	2,258,023
	5	239.9	240.0	-107,117	0.3	0.19	16,830	19,281	-36,111	2,221,912
	6	239.8	239.9	-106,895	0.3	0.19	16,830	19,241	-36,071	2,185,840
	7	239.7	239.8	-106,673	0.3	0.19	16,830	19,201	-36,031	2,149,809
	8	239.6	239.7	-106,451	0.3	0.19	16,830	19,161	-35,991	2,113,818
	9	245.0	239.6	6,075,068	2.0	22.35	1,931,346	20,250	4,123,472	6,237,290
	10	244.9	245.0	-118,546	0.7	1.62	139,968	21,338	-161,307	6,075,983
	11	244.8	244.9	-118,313	0.7	1.62	139,968	21,296	-161,265	5,914,719
	12	244.7	244.8	-118,080	0.7	1.62	139,968	21,254	-161,223	5,753,496
	13	244.6	244.7	-117,846	0.7	1.62	139,968	21,212	-161,181	5,592,315
	14	244.5	244.6	-117,613	0.7	1.62	139,968	21,170	-161,139	5,431,176
	15	244.4	244.5	-117,380	0.6	1.10	95,206	21,128	-116,334	5,314,842
	16	244.3	244.4	-117,146	0.6	1.10	95,206	21,086	-116,292	5,198,550
	17	244.2	244.3	-116,913	0.6	1.10	95,206	21,044	-116,250	5,082,300
	18	244.1	244.2	-116,680	0.6	1.10	95,206	21,002	-116,208	4,966,092
	19	244.0	244.1	-116,447	0.6	1.10	95,206	20,960	-116,166	4,849,926
	20	243.9	244.0	-116,214	0.6	1.10	95,206	20,919	-116,124	4,733,801
	21	243.8	243.9	-115,983	0.6	1.10	95,206	20,877	-116,083	4,617,719
	22	243.7	243.8	-115,751	0.6	1.10	95,206	20,835	-116,041	4,501,678
	23	245.0	243.7	1,522,942	1.7	14.89	1,286,493	21,087	215,362	4,717,040
	24	244.9	245.0	-118,546	0.7	1.62	139,968	21,338	-161,307	4,555,733
	25	244.8	244.9	-118,313	0.7	1.62	139,968	21,296	-161,265	4,394,468
	26	244.7	244.8	-118,080	0.7	1.62	139,968	21,254	-161,223	4,233,246
	27	244.6	244.7	-117,846	0.7	1.62	139,968	21,212	-161,181	4,072,065
	28	244.5	244.6	-117,613	0.7	1.62	139,968	21,170	-161,139	3,910,926
	29	244.4	244.5	-117,380	0.7	1.62	139,968	21,128	-161,097	3,749,829
	30	244.3	244.4	-117,146	0.7	1.62	139,968	21,086	-161,055	3,588,775
Total				4,284,099			5,793,747	618,379		3,588,775

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.225		
July	1	244.2	244.3	-116,913	0.6	1.10	95,206	21,874	-117,080	3,471,695
	2	244.1	244.2	-116,680	0.8	2.26	195,438	21,830	-217,269	3,254,426
	3	244.0	244.1	-116,447	0.6	1.10	95,206	21,787	-116,993	3,137,433
	4	243.9	244.0	-116,214	0.6	1.10	95,206	21,743	-116,949	3,020,484
	5	243.8	243.9	-115,983	0.6	1.10	95,206	21,700	-116,906	2,903,579
	6	243.7	243.8	-115,751	0.6	1.10	95,206	21,657	-116,862	2,786,716
	7	243.6	243.7	-115,520	0.6	1.10	95,206	21,613	-116,819	2,669,897
	8	243.5	243.6	-115,289	0.6	1.10	95,206	21,570	-116,776	2,553,121
	9	243.4	243.5	-115,057	0.6	1.10	95,206	21,527	-116,733	2,436,388
	10	243.3	243.4	-114,826	0.6	1.10	95,206	21,484	-116,689	2,319,699
	11	243.2	243.3	-114,595	0.6	1.10	95,206	21,440	-116,646	2,203,053
	12	243.1	243.2	-114,363	0.6	1.10	95,206	21,397	-116,603	2,086,450
	13	245.0	243.1	2,212,650	1.5	10.89	940,834	21,788	1,250,028	3,336,478
	14	244.9	245.0	-118,546	0.7	1.62	139,968	22,180	-162,148	3,174,330
	15	244.8	244.9	-118,313	0.7	1.62	139,968	22,136	-162,104	3,012,225
	16	244.7	244.8	-118,080	0.7	1.62	139,968	22,092	-162,061	2,850,165
	17	244.6	244.7	-117,846	0.7	1.62	139,968	22,049	-162,017	2,688,148
	18	244.5	244.6	-117,613	0.7	1.62	139,968	22,005	-161,973	2,526,174
	19	244.4	244.5	-117,380	0.6	1.10	95,206	21,961	-117,167	2,409,007
	20	244.3	244.4	-117,146	0.6	1.10	95,206	21,918	-117,123	2,291,884
	21	244.2	244.3	-116,913	0.6	1.10	95,206	21,874	-117,080	2,174,804
	22	244.1	244.2	-116,680	0.6	1.10	95,206	21,830	-117,036	2,057,768
	23	244.0	244.1	-116,447	0.6	1.10	95,206	21,787	-116,993	1,940,775
	24	243.9	244.0	-116,214	0.6	1.10	95,206	21,743	-116,949	1,823,826
	25	243.8	243.9	-115,983	0.6	1.10	95,206	21,700	-116,906	1,706,920
	26	243.7	243.8	-115,751	0.6	1.10	95,206	21,657	-116,862	1,590,058
	27	243.6	243.7	-115,520	0.6	1.10	95,206	21,613	-116,819	1,473,239
	28	243.5	243.6	-115,289	0.6	1.10	95,206	21,570	-116,776	1,356,463
	29	243.4	243.5	-115,057	0.6	1.10	95,206	21,527	-116,733	1,239,730
	30	243.3	243.4	-114,826	0.6	1.10	95,206	21,484	-116,689	1,123,041
	31	243.2	243.3	-114,595	0.6	1.10	95,206	21,440	-116,646	1,006,395
Total				-1,273,188			4,121,053	673,977		1,006,395

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.228		
August	1	243.1	243.2	-114,363	0.6	1.10	95,206	21,766	-116,972	889,423
	2	243.0	243.1	-114,132	0.6	1.10	95,206	21,722	-116,928	772,495
	3	242.9	243.0	-113,902	0.6	1.10	95,206	21,678	-116,884	655,612
	4	242.8	242.9	-113,673	0.6	1.10	95,206	21,635	-116,840	538,771
	5	242.7	242.8	-113,444	0.6	1.10	95,206	21,591	-116,797	421,974
	6	242.6	242.7	-113,216	0.6	1.10	95,206	21,547	-116,753	305,221
	7	242.5	242.6	-112,987	0.6	1.10	95,206	21,504	-116,710	188,512
	8	242.4	242.5	-112,758	0.6	1.10	95,206	21,460	-116,666	71,845
	9	242.3	242.4	-112,529	0.6	1.10	95,206	21,417	-116,623	-44,777
	10	242.2	242.3	-112,301	0.6	1.10	95,206	21,373	-116,579	-161,356
	11	242.1	242.2	-112,072	0.6	1.10	95,206	21,330	-116,536	-277,892
	12	242.0	242.1	-111,843	0.5	0.70	60,355	21,286	-81,641	-359,533
	13	241.9	242.0	-111,616	0.5	0.70	60,355	21,243	-81,598	-441,130
	14	241.8	241.9	-111,390	0.5	0.70	60,355	21,200	-81,554	-522,685
	15	241.7	241.8	-111,163	0.5	0.70	60,355	21,157	-81,511	-604,196
	16	241.6	241.7	-110,937	0.5	0.70	60,355	21,114	-81,468	-685,665
	17	241.5	241.6	-110,711	0.5	0.70	60,355	21,071	-81,425	-767,090
	18	241.4	241.5	-110,485	0.5	0.70	60,355	21,028	-81,382	-848,472
	19	241.3	241.4	-110,259	0.5	0.70	60,355	20,985	-81,339	-929,812
	20	241.2	241.3	-110,033	0.5	0.70	60,355	20,942	-81,296	-1,011,108
	21	241.1	241.2	-109,806	0.4	0.40	34,549	20,899	-55,448	-1,066,555
	22	241.0	241.1	-109,580	0.4	0.40	34,549	20,856	-55,405	-1,121,960
	23	240.9	241.0	-109,355	0.4	0.40	34,549	20,813	-55,362	-1,177,322
	24	241.4	240.9	549,037	0.5	0.70	60,355	20,899	467,784	-709,538
	25	241.3	241.4	-110,259	0.5	0.70	60,355	20,985	-81,339	-790,877
	26	241.2	241.3	-110,033	0.5	0.70	60,355	20,942	-81,296	-872,173
	27	241.1	241.2	-109,806	0.5	0.70	60,355	20,899	-81,253	-953,426
	28	241.0	241.1	-109,580	0.4	0.40	34,549	20,856	-55,405	-1,008,831
	29	240.9	241.0	-109,355	0.4	0.40	34,549	20,813	-55,362	-1,064,193
	30	240.8	240.9	-109,131	0.4	0.40	34,549	20,770	-55,319	-1,119,512
	31	240.7	240.8	-108,907	0.4	0.40	34,549	20,728	-55,276	-1,174,788
Total				-2,790,589			2,073,715	656,505		-1,174,788

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.228		
September	1	240.6	240.7	-108,683	0.4	0.40	34,549	20,650	-55,199	-1,229,987
	2	240.5	240.6	-108,459	0.6	1.10	95,206	20,607	-115,813	-1,345,800
	3	240.4	240.5	-108,236	0.5	0.70	60,355	20,565	-80,919	-1,426,719
	4	240.3	240.4	-108,012	0.4	0.40	34,549	20,522	-55,071	-1,481,790
	5	240.2	240.3	-107,788	0.4	0.40	34,549	20,480	-55,029	-1,536,819
	6	240.1	240.2	-107,564	0.4	0.40	34,549	20,437	-54,986	-1,591,805
	7	245.0	240.1	5,539,811	1.1	5.01	433,278	21,481	5,085,052	3,493,247
	8	244.9	245.0	-118,546	0.7	1.62	139,968	22,524	-162,492	3,330,754
	9	244.8	244.9	-118,313	0.7	1.62	139,968	22,479	-162,448	3,168,306
	10	244.7	244.8	-118,080	0.7	1.62	139,968	22,435	-162,404	3,005,903
	11	244.6	244.7	-117,846	0.7	1.62	139,968	22,391	-162,359	2,843,544
	12	244.5	244.6	-117,613	0.7	1.62	139,968	22,346	-162,315	2,681,229
	13	244.4	244.5	-117,380	0.6	1.10	95,206	22,302	-117,508	2,563,721
	14	244.3	244.4	-117,146	0.6	1.10	95,206	22,258	-117,464	2,446,257
	15	244.2	244.3	-116,913	0.6	1.10	95,206	22,213	-117,419	2,328,838
	16	244.1	244.2	-116,680	0.6	1.10	95,206	22,169	-117,375	2,211,463
	17	245.0	244.1	1,058,517	0.9	3.04	262,356	22,346	773,815	2,985,278
	18	244.9	245.0	-118,546	0.8	2.26	195,438	22,524	-217,962	2,767,316
	19	244.8	244.9	-118,313	0.7	1.62	139,968	22,479	-162,448	2,604,868
	20	244.7	244.8	-118,080	0.7	1.62	139,968	22,435	-162,404	2,442,464
	21	244.6	244.7	-117,846	0.7	1.62	139,968	22,391	-162,359	2,280,105
	22	244.5	244.6	-117,613	0.7	1.62	139,968	22,346	-162,315	2,117,790
	23	244.4	244.5	-117,380	0.7	1.62	139,968	22,302	-162,271	1,955,519
	24	244.3	244.4	-117,146	0.6	1.10	95,206	22,258	-117,464	1,838,056
	25	244.2	244.3	-116,913	0.6	1.10	95,206	22,213	-117,419	1,720,637
	26	244.1	244.2	-116,680	0.6	1.10	95,206	22,169	-117,375	1,603,262
	27	244.0	244.1	-116,447	0.6	1.10	95,206	22,125	-117,331	1,485,931
	28	243.9	244.0	-116,214	0.6	1.10	95,206	22,081	-117,286	1,368,645
	29	243.8	243.9	-115,983	0.6	1.10	95,206	22,037	-117,242	1,251,402
	30	243.7	243.8	-115,751	0.6	1.10	95,206	21,993	-117,199	1,134,204
Total				3,368,157			3,631,776	657,560		1,134,204

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.232		
October	1	243.6	243.7	-115,520	0.6	1.10	95,206	22,359	-117,564	1,016,639
	2	243.5	243.6	-115,289	0.6	1.10	95,206	22,314	-117,520	899,120
	3	243.4	243.5	-115,057	0.6	1.10	95,206	22,269	-117,475	781,645
	4	244.4	243.4	1,161,024	0.7	1.62	139,968	22,471	998,584	1,780,229
	5	244.3	244.4	-117,146	0.7	1.62	139,968	22,674	-162,642	1,617,587
	6	244.2	244.3	-116,913	0.7	1.62	139,968	22,628	-162,597	1,454,990
	7	244.1	244.2	-116,680	0.7	1.62	139,968	22,583	-162,552	1,292,439
	8	244.0	244.1	-116,447	0.6	1.10	95,206	22,538	-117,744	1,174,695
	9	243.9	244.0	-116,214	0.6	1.10	95,206	22,493	-117,699	1,056,996
	10	243.8	243.9	-115,983	0.6	1.10	95,206	22,448	-117,654	939,342
	11	243.7	243.8	-115,751	0.6	1.10	95,206	22,404	-117,609	821,733
	12	244.2	243.7	581,081	0.7	1.62	139,968	22,493	418,619	1,240,352
	13	244.1	244.2	-116,680	0.7	1.62	139,968	22,583	-162,552	1,077,800
	14	244.0	244.1	-116,447	0.7	1.62	139,968	22,538	-162,506	915,294
	15	243.9	244.0	-116,214	0.7	1.62	139,968	22,493	-162,462	752,832
	16	243.8	243.9	-115,983	0.7	1.62	139,968	22,448	-162,417	590,415
	17	243.7	243.8	-115,751	0.6	1.10	95,206	22,404	-117,609	472,806
	18	243.6	243.7	-115,520	0.6	1.10	95,206	22,359	-117,564	355,242
	19	243.5	243.6	-115,289	0.6	1.10	95,206	22,314	-117,520	237,722
	20	243.4	243.5	-115,057	0.6	1.10	95,206	22,269	-117,475	120,247
	21	243.3	243.4	-114,826	0.5	0.70	60,355	22,224	-82,579	37,668
	22	243.2	243.3	-114,595	0.5	0.70	60,355	22,180	-82,534	-44,866
	23	243.1	243.2	-114,363	0.5	0.70	60,355	22,135	-82,489	-127,356
	24	243.0	243.1	-114,132	0.5	0.70	60,355	22,090	-82,445	-209,800
	25	242.9	243.0	-113,902	0.5	0.70	60,355	22,046	-82,400	-292,200
	26	242.8	242.9	-113,673	0.4	0.40	34,549	22,001	-56,550	-348,750
	27	242.7	242.8	-113,444	0.4	0.40	34,549	21,957	-56,506	-405,256
	28	242.6	242.7	-113,216	0.4	0.40	34,549	21,913	-56,462	-461,718
	29	242.5	242.6	-112,987	0.3	0.19	16,830	21,868	-38,699	-500,417
	30	242.4	242.5	-112,758	0.3	0.19	16,830	21,824	-38,654	-539,071
	31	242.3	242.4	-112,529	0.3	0.19	16,830	21,780	-38,610	-577,681
Total				-1,596,263			2,762,889	691,101		-577,681

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

Water Accountability Monitoring Program Protocol

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.152		
November	1	242.2	242.3	-112,301	0.3	0.19	16,830	14,225	-31,055	-608,736
	2	242.1	242.2	-112,072	0.6	1.10	95,206	14,196	-109,402	-718,137
	3	245.0	242.1	3,343,997	0.7	1.62	139,968	14,606	3,189,422	2,471,285
	4	244.9	245.0	-118,546	0.7	1.62	139,968	15,016	-154,984	2,316,300
	5	244.8	244.9	-118,313	0.7	1.62	139,968	14,986	-154,955	2,161,346
	6	244.7	244.8	-118,080	0.7	1.62	139,968	14,957	-154,925	2,006,420
	7	244.6	244.7	-117,846	0.7	1.62	139,968	14,927	-154,896	1,851,525
	8	244.5	244.6	-117,613	0.6	1.10	95,206	14,898	-110,103	1,741,421
	9	244.4	244.5	-117,380	0.6	1.10	95,206	14,868	-110,074	1,631,348
	10	244.3	244.4	-117,146	0.6	1.10	95,206	14,839	-110,044	1,521,303
	11	244.2	244.3	-116,913	0.6	1.10	95,206	14,809	-110,015	1,411,289
	12	244.1	244.2	-116,680	0.5	0.70	60,355	14,779	-75,134	1,336,155
	13	245.0	244.1	1,058,517	0.7	1.62	139,968	14,898	903,651	2,239,806
	14	244.9	245.0	-118,546	0.7	1.62	139,968	15,016	-154,984	2,084,822
	15	244.8	244.9	-118,313	0.7	1.62	139,968	14,986	-154,955	1,929,867
	16	244.7	244.8	-118,080	0.7	1.62	139,968	14,957	-154,925	1,774,942
	17	244.6	244.7	-117,846	0.7	1.62	139,968	14,927	-154,896	1,620,046
	18	244.5	244.6	-117,613	0.6	1.10	95,206	14,898	-110,103	1,509,943
	19	244.4	244.5	-117,380	0.6	1.10	95,206	14,868	-110,074	1,399,869
	20	244.3	244.4	-117,146	0.6	1.10	95,206	14,839	-110,044	1,289,825
	21	244.2	244.3	-116,913	0.6	1.10	95,206	14,809	-110,015	1,179,810
	22	244.1	244.2	-116,680	0.5	0.70	60,355	14,779	-75,134	1,104,676
	23	244.0	244.1	-116,447	0.5	0.70	60,355	14,750	-75,104	1,029,571
	24	243.9	244.0	-116,214	0.5	0.70	60,355	14,720	-75,075	954,496
	25	243.8	243.9	-115,983	0.5	0.70	60,355	14,691	-75,046	879,451
	26	243.7	243.8	-115,751	0.5	0.70	60,355	14,662	-75,016	804,434
	27	243.6	243.7	-115,520	0.5	0.70	60,355	14,633	-74,987	729,447
	28	243.5	243.6	-115,289	0.5	0.70	60,355	14,603	-74,958	654,489
	29	243.4	243.5	-115,057	0.5	0.70	60,355	14,574	-74,928	579,561
	30	243.3	243.4	-114,826	0.5	0.70	60,355	14,545	-74,899	504,662
Total				1,136,019			2,876,912	443,260		504,662

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.058		
December	1	243.2	243.3	-114,595	0.4	0.40	34,549	5,545	-40,094	464,568
	2	243.1	243.2	-114,363	0.4	0.40	34,549	5,534	-40,083	424,485
	3	243.0	243.1	-114,132	0.3	0.19	16,830	5,523	-22,353	402,132
	4	242.9	243.0	-113,902	0.3	0.19	16,830	5,511	-22,342	379,791
	5	242.8	242.9	-113,673	0.3	0.19	16,830	5,500	-22,330	357,460
	6	242.7	242.8	-113,444	0.3	0.19	16,830	5,489	-22,319	335,141
	7	242.6	242.7	-113,216	0.3	0.19	16,830	5,478	-22,308	312,833
	8	242.5	242.6	-112,987	0.3	0.19	16,830	5,467	-22,297	290,535
	9	242.4	242.5	-112,758	0.3	0.19	16,830	5,456	-22,286	268,249
	10	243.0	242.4	679,980	0.8	2.26	195,438	5,484	479,058	747,307
	11	242.9	243.0	-113,902	0.7	1.62	139,968	5,511	-145,480	601,828
	12	242.8	242.9	-113,673	0.7	1.62	139,968	5,500	-145,469	456,359
	13	242.7	242.8	-113,444	0.7	1.62	139,968	5,489	-145,458	310,901
	14	242.6	242.7	-113,216	0.7	1.62	139,968	5,478	-145,447	165,455
	15	242.5	242.6	-112,987	0.7	1.62	139,968	5,467	-145,436	20,019
	16	242.4	242.5	-112,758	0.6	1.10	95,206	5,456	-100,662	-80,643
	17	242.3	242.4	-112,529	0.6	1.10	95,206	5,445	-100,651	-181,294
	18	242.2	242.3	-112,301	0.6	1.10	95,206	5,434	-100,640	-281,933
	19	242.1	242.2	-112,072	0.6	1.10	95,206	5,423	-100,629	-382,562
	20	242.0	242.1	-111,843	0.5	0.70	60,355	5,412	-65,766	-448,328
	21	241.9	242.0	-111,616	0.5	0.70	60,355	5,401	-65,755	-514,083
	22	241.8	241.9	-111,390	0.5	0.70	60,355	5,390	-65,744	-579,828
	23	241.7	241.8	-111,163	0.5	0.70	60,355	5,379	-65,733	-645,561
	24	241.6	241.7	-110,937	0.5	0.70	60,355	5,368	-65,722	-711,284
	25	241.5	241.6	-110,711	0.5	0.70	60,355	5,357	-65,712	-776,995
	26	241.4	241.5	-110,485	0.4	0.40	34,549	5,346	-39,895	-816,890
	27	241.3	241.4	-110,259	0.4	0.40	34,549	5,335	-39,884	-856,774
	28	241.2	241.3	-110,033	0.4	0.40	34,549	5,324	-39,873	-896,647
	29	241.1	241.2	-109,806	0.4	0.40	34,549	5,313	-39,862	-936,510
	30	241.0	241.1	-109,580	0.4	0.40	34,549	5,302	-39,851	-976,361
	31	240.9	241.0	-109,355	0.4	0.40	34,549	5,291	-39,840	-1,016,201
Total				-2,687,150			2,032,434	168,409		-1,016,201

*monthly maximum net evaporation rates (from TCEQ San Jacinto River Basin Water Availability Models) are used for this calculation

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 22, 2021

Mr. David Rivera, P.E. **VIA E- MAIL**
LJA Engineering
1904 West Grand Parkway North, Suite 100
Katy, Texas 77449

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code § 11.122, Requiring Published and Limited Mailed Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Rivera:

Thank you for meeting with us on March 30, 2021 to discuss the referenced application.

Additional information is required before staff can complete technical review of the application.

1. Clarify what the application is requesting. The initial application requests changes to the existing authorization for Lake A only. However, staff notes that multiple unpermitted reservoirs are located on the property identified in the application.

2. Revise the application as needed to provide additional information and maps related to any changes to the request. In particular, include all applicable information for any reservoirs affected by the application, including capacity, surface area and Latitude and Longitude coordinates to six decimal places.

3. Provide Latitude and Longitude coordinates to six decimal places for the proposed weir location downstream of Lake A.

4. Provide a USGS 7.5 minute topographic map (or equivalent) with the proposed weir location downstream of Lake A clearly marked. Staff notes that the previously identified weir location, pictured in the March 9, 2012 response, is too far downstream of Lake A to be used for purposes of the accounting protocol unless the reservoir downstream of Lake A is included in the application.

5. Provide the elevation of Lake A at the proposed new capacity of 199 acre-feet.

6. Provide the most recently updated text description for the accounting protocol. The most recently provided version of the text description is not consistent with the most recent changes to the spreadsheet.

Revise the accounting protocol as discussed below. Note that anytime a change is made within the accounting protocol spreadsheet or text description, the change should be reflected throughout both documents.

7. Revise the protocol to demonstrate that any water impounded as part of the proposed long-term net balance will be passed downstream within 30 days (at the most) or immediately if water is needed for downstream senior water rights.

8. Revise the protocol to demonstrate that the elevation of Lake A does not exceed the elevation at the proposed new capacity of 199 acre-feet.

9. Revise the spreadsheet columns and text description to specifically address the following issues:

    a. Column E - Delta Volume:

        Revise the text description to be consistent with the formula in spreadsheet. Both increases and decreases are calculated.

    b. Column G – Flow:

        i. Revise the text description to clarify that the weir is to be read daily. Columns F & H indicate daily readings, as affirmed in the January 27, 2014 response, but Column G indicates weekly.

        ii. Explain why a daily reading would be missed and for how long a reading might be repeated.

    c. Column I - Evaporation:

        Revise the text description for Column I to indicate that monthly maximum net evaporation rates (from the TCEQ San Jacinto River Basin Water Availability Models) are used, as affirmed in the January 27, 2014 response.

    d. Column J - Net Impounded Water:

        i. Revise the calculation to add evaporation rather than subtracting it in both places where this is done in the formula. Staff notes that the current calculation gives credit for evaporation as a downstream release.

        ii. Revise the text description to be consistent with the formula in the spreadsheet. Staff notes that the formula shown, and the description for it, are not the same as the formula in the spreadsheet.

e. Col K - Current Year Total:

Revise the text description to explain what action will be taken to pass water should it be required by downstream water rights.

Please provide the requested information by May 24, 2021 or the application may be returned pursuant to Title 30 Texas Administrative Code (TAC) § 281.19.

The information requested is considered essential by the executive director to make recommendations to the commission on whether the application can be granted. Please provide the requested information by May 24, 2021 or the application may be returned pursuant to 30 TAC § 281.19. Alternatively, you may have the question of the necessity of the requested data (or the sufficiency of the information already submitted) referred to the Commission for a decision. To be considered, a request for a referral must be provided by May 24, 2021.

If you have any questions concerning this matter please contact me via email at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah E Henderson

Sarah Henderson, Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

Sarah Henderson

From: David Rivera [redacted]
Sent: Tuesday, May 6, 2014 4:53 PM
To: Sarah Henderson
Cc: James Brown
Subject: RE: SR Superior Water Use Amendment Application
Attachments: Attachment C SR Superior TCEQ Lake A BlankR012114.xlsx; Attachment D SR Superior TCEQ Lake A SampleR012114.xlsx

Sarah,

Please see the attached excel spreadsheet as requested.

David Rivera, P.E.
LJA Engineering Inc.
2929 Briarpark Suite 600
Houston, Tx 77042
Phone:713.953.5277
Fax:713.953.5026
[redacted]
E: [redacted]
W: www.ljaengineering.com

From: Sarah Henderson [mailto:sarah.henderson@tceq.texas.gov]
Sent: Wednesday, January 29, 2014 9:35 AM
To: David Rivera
Subject: RE: SR Superior Water Use Amendment Application

David,
Yes I received your e-mail and attachment on the 27th.
Thank you,
Sarah

From: David Rivera [mailto:[redacted]]
Sent: Tuesday, January 28, 2014 9:56 AM
To: Sarah Henderson
Subject: RE: SR Superior Water Use Amendment Application

I am just following up on this email (See below) to make sure it made its way to you since it had an attachment. Please let me know if you didn't receive the initial email.

David

From: David Rivera
Sent: Monday, January 27, 2014 2:33 PM
To: 'Sarah Henderson'
Cc: James Brown; Jerry Graham
Subject: RE: SR Superior Water Use Amendment Application

I was not sure which attachment, but I inferred that it was either attachment C or D that was in the 12/12/12 letter. I have included my response letter in PDF format with this email. Please let me know if you need me to send the original to your attention.

David Rivera, P.E.

LJA Engineering Inc.
2929 Briarpark Suite 600
Houston, Tx 77042
Phone:713.953.5277
Fax:713.953.5026
[redacted]
E: [redacted]
W: www.ljaengineering.com

From: Sarah Henderson [mailto:sarah.henderson@tceq.texas.gov]
Sent: Thursday, January 23, 2014 2:44 PM
To: David Rivera
Subject: RE: SR Superior Water Use Amendment Application

David,
Thank you for the e-mail.
The accounting text file to be updated is referring to LJAs letter to me dated 12/12/12.
Please let me know if you need a copy of said letter.
Feel free to contact me with any further questions.
Sincerely,
Sarah

Sarah Henderson
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
P.O. Box 13087/MC-160
Austin, TX 78711-3087
(P) 512.239.2535
(F) 512.239.4770

From: David Rivera [mailto:[redacted]]
Sent: Thursday, January 23, 2014 1:31 PM
To: Sarah Henderson
Subject: RE: SR Superior Water Use Amendment Application

Sarah,
I just wanted to follow up on our conversation yesterday. The particular question that we have is comment number 4. I am not sure which accounting text file the comment letter is referring to. If we can get clarification about that I can provide you the response letter very quickly

David Rivera, P.E.
LJA Engineering Inc.
2929 Briarpark Suite 600
Houston, Tx 77042
Phone:713.953.5277
Fax:713.953.5026
[redacted]
E: [redacted]
W: www.ljaengineering.com

From: Sarah Henderson [mailto:sarah.henderson@tceq.texas.gov]
Sent: Monday, January 06, 2014 2:25 PM
To: David Rivera
Subject: RE: SR Superior Water Use Amendment Application

David,

An extension to respond to the referenced request for information letter has been granted. Please provide a complete response **by January 22, 1014** or the application may be returned pursuant to Title 30 Texas Administrative Code §281.19.

Feel free to contact me with any questions.

Sincerely,
Sarah

From: David Rivera [mailto:[redacted]]
Sent: Thursday, January 02, 2014 5:09 PM
To: Sarah Henderson
Subject: RE: SR Superior Water Use Amendment Application

I can have the response to you in 2.5 weeks by or before January 22nd will that work for an extension period.

David Rivera, P.E.
LJA Engineering Inc.
2929 Briarpark Suite 600
Houston, Tx 77042
Phone:713.953.5277
Fax:713.953.5026
[redacted]
E: [redacted]
W: www.ljaengineering.com

From: Sarah Henderson [mailto:sarah.henderson@tceq.texas.gov]
Sent: Thursday, January 02, 2014 4:18 PM
To: David Rivera
Subject: RE: SR Superior Water Use Amendment Application

How long do you need David?

From: David Rivera [mailto:[redacted]]
Sent: Thursday, January 02, 2014 4:04 PM
To: Sarah Henderson
Subject: RE: SR Superior Water Use Amendment Application

Yes we are going to respond. We would like an extension of time to respond to the comments.

David Rivera, P.E.
LJA Engineering Inc.
2929 Briarpark Suite 600
Houston, Tx 77042
Phone:713.953.5277
Fax:713.953.5026
[redacted]
E: [redacted]
W: www.ljaengineering.com

From: Sarah Henderson [mailto:sarah.henderson@tceq.texas.gov]
Sent: Thursday, January 02, 2014 3:50 PM
To: David Rivera
Subject: SR Superior Water Use Amendment Application

Mr. Rivera,

The attached letter requested additional information for SR Superior LLCs application to amend water use permit no. 5712. A response was due December 18, 2013.

Please advise if the applicant is working on a response and needs an extension of time to respond or if the applicant wishes to withdraw the referenced application.

Sincerely,
Sarah Henderson

Sarah Henderson
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
P.O. Box 13087/MC-160
Austin, TX 78711-3087
(P) 512.239.2535
(F) 512.239.4770

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.197		
January	1	244.0	244.0	0		0.00	0	19138	-19138	-19138
	2		244.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.09		
February	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.124		
March	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.168		
April	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.166		
May	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.216		
June	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.225		
July	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.228		
August	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.228		
September	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.232		
October	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.152		
November	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.058		
December	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Elevation (ft)	Area (ft^2)
231	879635
231.1	881706
231.2	883778
231.3	885849
231.4	887920
231.5	889992
231.6	892063
231.7	894134
231.8	896205
231.9	898277
232	900348
232.1	902436
232.2	904523
232.3	906611
232.4	908698
232.5	910786
232.6	912873
232.7	914961
232.8	917048
232.9	919136
233	921223
233.1	923326
233.2	925430
233.3	927533
233.4	929637
233.5	931740
233.6	933843
233.7	935947
233.8	938050
233.9	940154
234	942257
234.1	944376
234.2	946495
234.3	948613
234.4	950732
234.5	952851
234.6	954970
234.7	957089
234.8	959207
234.9	961326
235	963445
235.1	965579
235.2	967714
235.3	969848
235.4	971983

235.5	974117
235.6	976251
235.7	978386
235.8	980520
235.9	982655
236	984789
236.1	986941
236.2	989093
236.3	991245
236.4	993397
236.5	995549
236.6	997700
236.7	999852
236.8	1002004
236.9	1004156
237	1006308
237.1	1008485
237.2	1010662
237.3	1012838
237.4	1015015
237.5	1017192
237.6	1019369
237.7	1021546
237.8	1023722
237.9	1025899
238	1028076
238.1	1030276
238.2	1032475
238.3	1034675
238.4	1036874
238.5	1039074
238.6	1041274
238.7	1043473
238.8	1045673
238.9	1047872
239	1050072
239.1	1052293
239.2	1054513
239.3	1056734
239.4	1058955
239.5	1061176
239.6	1063396
239.7	1065617
239.8	1067838
239.9	1070058
240	1072279
240.1	1074518

240.2	1076757	
240.3	1078997	
240.4	1081236	
240.5	1083475	
240.6	1085714	
240.7	1087953	
240.8	1090193	
240.9	1092432	
241	1094671	
241.1	1096933	
241.2	1099194	
241.3	1101456	
241.4	1103718	
241.5	1105980	
241.6	1108241	
241.7	1110503	
241.8	1112765	
241.9	1115026	
242	1117288	
242.1	1119576	
242.2	1121863	
242.3	1124151	
242.4	1126438	
242.5	1128726	
242.6	1131013	
242.7	1133301	
242.8	1135588	
242.9	1137876	
243	1140163	
243.1	1142477	
243.2	1144790	
243.3	1147104	231.36
243.4	1149417	
243.5	1151731	
243.6	1154045	
243.7	1156358	
243.8	1158672	
243.9	1160985	
244	1163299	
244.1	1165632	
244.2	1167965	
244.3	1170298	
244.4	1172631	
244.5	1174964	
244.6	1177297	
244.7	1179630	
244.8	1181963	

	244.9	1184296		
Normal Pool Elevation	245	1186629		
	245.1	1188981		
	245.2	1191333	27.34925	27.37625115
	245.3	1193686	27.40325	
	245.4	1196038		
	245.5	1198390		
	245.6	1200742		
	245.7	1203094		
	245.8	1205447		
	245.9	1207799		
	246	1210151		
	246.1	1212522		
	246.2	1214893		
	246.3	1217264		
	246.4	1219635		
	246.5	1222006		
	246.6	1224377		
	246.7	1226748		
	246.8	1229119		
	246.9	1231490		
	247	1233861		
	247.1	1236251		
	247.2	1238640		
	247.3	1241030		
	247.4	1243419		
	247.5	1245809		
	247.6	1248199		
	247.7	1250588		
	247.8	1252978		
	247.9	1255367		
Top of Dam	248	1257757		

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.197	(ft^3)	
January	1	245.0	244.0	1174964	0.4	0.40	34549	19330	1121085	1121085
	2	244.9	245.0	-118546	0.6	1.10	95206	19503	-114709	1006376
	3	244.8	244.9	-118313	0.6	1.10	95206	19464	-114670	891706
	4	244.7	244.8	-118080	0.6	1.10	95206	19426	-114632	777075
	5	244.6	244.7	-117846	0.6	1.10	95206	19388	-114593	662481
	6	244.5	244.6	-117613	0.6	1.10	95206	19349	-114555	547926
	7	244.4	244.5	-117380	0.6	1.10	95206	19311	-114517	433410
	8	244.3	244.4	-117146	0.6	1.10	95206	19272	-114478	318931
	9	244.2	244.3	-116913	0.5	0.70	60355	19234	-79589	239343
	10	244.1	244.2	-116680	0.5	0.70	60355	19196	-79550	159793
	11	244.0	244.1	-116447	0.6	1.10	95206	19157	-114363	45429
	12	243.9	244.0	-116214	0.6	1.10	95206	19119	-114325	-68895
	13	243.8	243.9	-115983	0.6	1.10	95206	19081	-114287	-183182
	14	243.8	243.8	0	0.5	0.70	60355	19062	-79417	-262599
	15	243.6	243.8	-231272	0.5	0.70	60355	19024	-79379	-341977
	16	243.5	243.6	-115289	0.6	1.10	95206	18967	-114173	-456150
	17	243.4	243.5	-115057	0.6	1.10	95206	18929	-114135	-570284
	18	243.3	243.4	-114826	0.6	1.10	95206	18891	-114096	-684381
	19	243.2	243.3	-114595	0.6	1.10	95206	18853	-114058	-798439
	20	243.1	243.2	-114363	0.6	1.10	95206	18815	-114020	-912460
	21	243.0	243.1	-114132	0.6	1.10	95206	18777	-113982	-1026442
	22	242.9	243.0	-113902	0.6	1.10	95206	18739	-113944	-1140386
	23	242.8	242.9	-113673	0.6	1.10	95206	18701	-113907	-1254293
	24	242.7	242.8	-113444	0.5	0.70	60355	18663	-79018	-1333311
	25	242.6	242.7	-113216	0.4	0.40	34549	18626	-53175	-1386486
	26	244.0	242.6	1606018	0.5	0.70	60355	18873	1526791	140305
	27	243.7	244.0	-347949	0.7	1.62	139968	19081	-159049	-18744
	28	243.4	243.7	-345866	0.7	1.62	139968	18967	-158935	-177679
	29	243.1	243.4	-343784	0.7	1.62	139968	18853	-158821	-336501
	30	243.0	243.1	-114132	0.6	1.10	95206	18777	-113982	-450483
	31	242.7	243.0	-341020	0.6	1.10	95206	18701	-113907	-564390
Total				-1492698			2755245	590127		-564390

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.09	(ft^3)	
February	1	243.3	242.7	684121	0.6	1.10	95206	8552	580364	15974
	2	243.2	243.3	-114595	0.6	1.10	95206	8595	-103800	-87826
	3	243.1	243.2	-114363	0.5	0.70	60355	8577	-68932	-156758
	4	243	243.1	-114132	0.4	0.40	34549	8560	-43109	-199867
	5	242.9	243	-113902	0.4	0.40	34549	8543	-43092	-242958
	6	242.8	242.9	-113673	0.3	0.19	16830	8525	-25356	-268314
	7	242.5	242.8	-339647	0.3	0.19	16830	8491	-25321	-293635
	8	243	242.5	567222	0.6	1.10	95206	8508	463508	169873
	9	242.4	243	-679980	0.6	1.10	95206	8500	-103705	66167
	10	242.3	242.4	-112529	0.6	1.10	95206	8440	-103645	-37478
	11	242.1	242.3	-224373	0.6	1.10	95206	8414	-103620	-141098
	12	242	242.1	-111843	0.5	0.70	60355	8388	-68743	-209841
	13	241.9	242	-111616	0.5	0.70	60355	8371	-68726	-278566
	14	241.8	241.9	-111390	0.5	0.70	60355	8354	-68709	-347275
	15	241.7	241.8	-111163	0.5	0.70	60355	8337	-68692	-415967
	16	241.6	241.7	-110937	0.5	0.70	60355	8320	-68675	-484642
	17	241.5	241.6	-110711	0.4	0.40	34549	8303	-42852	-527494
	18	241.4	241.5	-110485	0.4	0.40	34549	8286	-42835	-570329
	19	241.3	241.4	-110259	0.4	0.40	34549	8269	-42818	-613148
	20	241.2	241.3	-110033	0.4	0.40	34549	8252	-42801	-655949
	21	241.1	241.2	-109806	0.4	0.40	34549	8235	-42784	-698734
	22	241	241.1	-109580	0.3	0.19	16830	8219	-25049	-723782
	23	240.9	241	-109355	0.3	0.19	16830	8202	-25032	-748814
	25	240.8	240.9	-109131	0.3	0.19	16830	8185	-25015	-773829
	26	240.7	240.8	-108907	0.3	0.19	16830	8168	-24998	-798827
	27	240.6	240.7	-108683	0.4	0.40	34549	8151	-42700	-841527
	28	240.5	240.6	-108459	0.4	0.40	34549	8134	-42683	-884211
	29	240.4	240.5	-108236	0.3	0.19	16830	8118	-24948	-909159
Total				-2546446			1362113	233999		-909159

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.124	(ft^3)	
March	1	241.8	240.4	1535800	0.5	0.70	60355	11324	1464122	554963
	2	241.7	241.8	-111163	0.5	0.70	60355	11475	-71829	483134
	3	241.5	241.7	-221648	0.5	0.70	60355	11440	-71794	411339
	4	243	241.5	1684607	0.5	0.70	60355	11593	1612659	2023999
	5	242.9	243	-113902	0.6	1.10	95206	11758	-106963	1917035
	6	242.8	242.9	-113673	0.5	0.70	60355	11734	-72089	1844947
	7	242.7	242.8	-113444	0.4	0.40	34549	11710	-46259	1798687
	8	242.6	242.7	-113216	0.4	0.40	34549	11687	-46236	1752452
	9	242.5	242.6	-112987	0.4	0.40	34549	11663	-46212	1706239
	10	242.4	242.5	-112758	0.4	0.40	34549	11640	-46189	1660051
	11	242.3	242.4	-112529	0.4	0.40	34549	11616	-46165	1613886
	12	242.2	242.3	-112301	0.4	0.40	34549	11592	-46141	1567745
	13	242.1	242.2	-112072	0.4	0.40	34549	11569	-46118	1521627
	14	242	242.1	-111843	0.4	0.40	34549	11545	-46094	1475533
	15	241.9	242	-111616	0.4	0.40	34549	11522	-46071	1429462
	16	241.8	241.9	-111390	0.6	1.10	95206	11498	-106704	1322758
	17	243.7	241.8	2155667	0.7	1.62	139968	11712	2003987	3326745
	18	243.6	243.7	-115520	0.7	1.62	139968	11925	-151893	3174852
	19	243.5	243.6	-115289	0.7	1.62	139968	11901	-151869	3022983
	20	243.4	243.5	-115057	0.7	1.62	139968	11877	-151845	2871137
	21	243.3	243.4	-114826	0.7	1.62	139968	11853	-151821	2719316
	22	243.2	243.3	-114595	0.7	1.62	139968	11829	-151798	2567518
	23	243.1	243.2	-114363	0.7	1.62	139968	11805	-151774	2415745
	24	243	243.1	-114132	0.6	1.10	95206	11781	-106987	2308758
	25	242.9	243	-113902	0.6	1.10	95206	11758	-106963	2201794
	26	242.8	242.9	-113673	0.6	1.10	95206	11734	-106940	2094855
	27	242.7	242.8	-113444	0.6	1.10	95206	11710	-106916	1987938
	28	242.6	242.7	-113216	0.6	1.10	95206	11687	-106893	1881046
	29	242.5	242.6	-112987	0.6	1.10	95206	11663	-106869	1774177
	30	242.4	242.5	-112758	0.6	1.10	95206	11640	-106845	1667332
	31	243.5	242.4	1252993	0.6	1.10	95206	11758	1146029	2813361
Total				3460762			2544550	361998		2813361

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.168	(ft^3)	
April	1	242.3	243.5	-1365529	0.6	1.10	95206	15931	-111137	2702224
	2	242.2	242.3	-112301	0.5	0.70	60355	15722	-76077	2626147
	3	242.1	242.2	-112072	0.5	0.70	60355	15690	-76045	2550102
	4	242	242.1	-111843	0.5	0.70	60355	15658	-76013	2474090
	5	241.9	242	-111616	0.5	0.70	60355	15626	-75981	2398109
	6	241.8	241.9	-111390	0.5	0.70	60355	15595	-75949	2322160
	7	241.7	241.8	-111163	0.3	0.19	16830	15563	-32393	2289767
	8	241.5	241.7	-221648	0.3	0.19	16830	15515	-32346	2257421
	9	243	241.5	1684607	0.6	1.10	95206	15723	1573678	3831100
	10	242.9	243	-113902	0.6	1.10	95206	15946	-111152	3719948
	11	242.8	242.9	-113673	0.6	1.10	95206	15914	-111120	3608828
	12	242.7	242.8	-113444	0.6	1.10	95206	15882	-111088	3497740
	13	242.6	242.7	-113216	0.6	1.10	95206	15850	-111056	3386684
	14	242.5	242.6	-112987	0.6	1.10	95206	15818	-111024	3275660
	15	242.4	242.5	-112758	0.6	1.10	95206	15786	-110992	3164668
	16	242.3	242.4	-112529	0.5	0.70	60355	15754	-76109	3088559
	17	242.2	242.3	-112301	0.5	0.70	60355	15722	-76077	3012483
	18	242.1	242.2	-112072	0.5	0.70	60355	15690	-76045	2936438
	19	242	242.1	-111843	0.5	0.70	60355	15658	-76013	2860425
	20	241.9	242	-111616	0.5	0.70	60355	15626	-75981	2784445
	21	241.8	241.9	-111390	0.4	0.40	34549	15595	-50143	2734301
	22	242.4	241.8	671761	0.6	1.10	95206	15674	560881	3295182
	23	242.3	242.4	-112529	0.6	1.10	95206	15754	-110960	3184222
	24	242.2	242.3	-112301	0.6	1.10	95206	15722	-110928	3073294
	25	242.1	242.2	-112072	0.6	1.10	95206	15690	-110896	2962398
	26	242	242.1	-111843	0.6	1.10	95206	15658	-110864	2851534
	27	241.9	242	-111616	0.5	0.70	60355	15626	-75981	2775554
	28	241.8	241.9	-111390	0.5	0.70	60355	15595	-75949	2699605
	29	241.7	241.8	-111163	0.5	0.70	60355	15563	-75917	2623687
	30	241.6	241.7	-110937	0.5	0.70	60355	15531	-75886	2547801
Total				-2146776			2150848	471079		2547801

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.166		
May	1	241.5	241.6	-110711	0.4	0.40	34549	15357	-49906	2497896
	2	241.4	241.5	-110485	0.4	0.40	34549	15325	-49874	2448022
	3	241.3	241.4	-110259	0.5	0.70	60355	15294	-75648	2372373
	4	241.2	241.3	-110033	0.5	0.70	60355	15263	-75617	2296756
	5	241.1	241.2	-109806	0.3	0.19	16830	15231	-32061	2264695
	6	241	241.1	-109580	0.4	0.40	34549	15200	-49749	2214946
	7	240.9	241	-109355	0.3	0.19	16830	15169	-31999	2182947
	8	240.8	240.9	-109131	0.3	0.19	16830	15138	-31968	2150979
	9	240.7	240.8	-108907	0.4	0.40	34549	15106	-49655	2101324
	10	241.5	240.7	877573	0.5	0.70	60355	15216	802003	2903326
	11	241.4	241.5	-110485	0.6	1.10	95206	15325	-110531	2792795
	12	241.3	241.4	-110259	0.6	1.10	95206	15294	-110500	2682296
	13	241.2	241.3	-110033	0.6	1.10	95206	15263	-110468	2571827
	14	241.1	241.2	-109806	0.5	0.70	60355	15231	-75586	2496242
	15	241	241.1	-109580	0.5	0.70	60355	15200	-75554	2420687
	16	240.9	241	-109355	0.5	0.70	60355	15169	-75523	2345164
	17	240.8	240.9	-109131	0.4	0.40	34549	15138	-49687	2295478
	18	240.7	240.8	-108907	0.4	0.40	34549	15106	-49655	2245822
	19	240.6	240.7	-108683	0.4	0.40	34549	15075	-49624	2196198
	20	241.6	240.6	1096978	0.5	0.70	60355	15216	1021407	3217605
	21	241.5	241.6	-110711	0.6	1.10	95206	15357	-110562	3107042
	22	241.4	241.5	-110485	0.6	1.10	95206	15325	-110531	2996511
	23	241.3	241.4	-110259	0.6	1.10	95206	15294	-110500	2886012
	24	241.2	241.3	-110033	0.5	0.70	60355	15263	-75617	2810394
	25	241.1	241.2	-109806	0.5	0.70	60355	15231	-75586	2734809
	26	241	241.1	-109580	0.5	0.70	60355	15200	-75554	2659254
	27	240.9	241	-109355	0.5	0.70	60355	15169	-75523	2583731
	28	240.8	240.9	-109131	0.4	0.40	34549	15138	-49687	2534045
	29	240.7	240.8	-108907	0.4	0.40	34549	15106	-49655	2484389
	30	240.6	240.7	-108683	0.4	0.40	34549	15075	-49624	2434765
	31	240.5	240.6	-108459	0.3	0.19	16830	15044	-31875	2402890
Total				-1205366			1647945	471517		2402890

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.216		
June	1	240.3	240.5	-216247	0.3	0.19	16830	19462	-36292	2366598
	2	240.2	240.3	-107788	0.3	0.19	16830	19402	-36232	2330366
	3	240.1	240.2	-107564	0.3	0.19	16830	19361	-36192	2294174
	4	240	240.1	-107340	0.3	0.19	16830	19321	-36151	2258023
	5	239.9	240	-107117	0.3	0.19	16830	19281	-36111	2221912
	6	239.8	239.9	-106895	0.3	0.19	16830	19241	-36071	2185840
	7	239.7	239.8	-106673	0.3	0.19	16830	19201	-36031	2149809
	8	239.6	239.7	-106451	0.3	0.19	16830	19161	-35991	2113818
	9	245	239.6	6075068	2	22.35	1931346	20250	4123472	6237290
	10	244.9	245	-118546	0.7	1.62	139968	21338	-161307	6075983
	11	244.8	244.9	-118313	0.7	1.62	139968	21296	-161265	5914719
	12	244.7	244.8	-118080	0.7	1.62	139968	21254	-161223	5753496
	13	244.6	244.7	-117846	0.7	1.62	139968	21212	-161181	5592315
	14	244.5	244.6	-117613	0.7	1.62	139968	21170	-161139	5431176
	15	244.4	244.5	-117380	0.6	1.10	95206	21128	-116334	5314842
	16	244.3	244.4	-117146	0.6	1.10	95206	21086	-116292	5198550
	17	244.2	244.3	-116913	0.6	1.10	95206	21044	-116250	5082300
	18	244.1	244.2	-116680	0.6	1.10	95206	21002	-116208	4966092
	19	244	244.1	-116447	0.6	1.10	95206	20960	-116166	4849926
	20	243.9	244	-116214	0.6	1.10	95206	20919	-116124	4733801
	21	243.8	243.9	-115983	0.6	1.10	95206	20877	-116083	4617719
	22	243.7	243.8	-115751	0.6	1.10	95206	20835	-116041	4501678
	23	245	243.7	1522942	1.7	14.89	1286493	21087	215362	4717040
	24	244.9	245	-118546	0.7	1.62	139968	21338	-161307	4555733
	25	244.8	244.9	-118313	0.7	1.62	139968	21296	-161265	4394468
	26	244.7	244.8	-118080	0.7	1.62	139968	21254	-161223	4233246
	27	244.6	244.7	-117846	0.7	1.62	139968	21212	-161181	4072065
	28	244.5	244.6	-117613	0.7	1.62	139968	21170	-161139	3910926
	29	244.4	244.5	-117380	0.7	1.62	139968	21128	-161097	3749829
	30	244.3	244.4	-117146	0.7	1.62	139968	21086	-161055	3588775
Total				4284099			5793747	618379		3588775

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.225		
July	1	244.2	244.3	-116913	0.6	1.10	95206	21874	-117080	3471695
	2	244.1	244.2	-116680	0.8	2.26	195438	21830	-217269	3254426
	3	244	244.1	-116447	0.6	1.10	95206	21787	-116993	3137433
	4	243.9	244	-116214	0.6	1.10	95206	21743	-116949	3020484
	5	243.8	243.9	-115983	0.6	1.10	95206	21700	-116906	2903579
	6	243.7	243.8	-115751	0.6	1.10	95206	21657	-116862	2786716
	7	243.6	243.7	-115520	0.6	1.10	95206	21613	-116819	2669897
	8	243.5	243.6	-115289	0.6	1.10	95206	21570	-116776	2553121
	9	243.4	243.5	-115057	0.6	1.10	95206	21527	-116733	2436388
	10	243.3	243.4	-114826	0.6	1.10	95206	21484	-116689	2319699
	11	243.2	243.3	-114595	0.6	1.10	95206	21440	-116646	2203053
	12	243.1	243.2	-114363	0.6	1.10	95206	21397	-116603	2086450
	13	245	243.1	2212650	1.5	10.89	940834	21788	1250028	3336478
	14	244.9	245	-118546	0.7	1.62	139968	22180	-162148	3174330
	15	244.8	244.9	-118313	0.7	1.62	139968	22136	-162104	3012225
	16	244.7	244.8	-118080	0.7	1.62	139968	22092	-162061	2850165
	17	244.6	244.7	-117846	0.7	1.62	139968	22049	-162017	2688148
	18	244.5	244.6	-117613	0.7	1.62	139968	22005	-161973	2526174
	19	244.4	244.5	-117380	0.6	1.10	95206	21961	-117167	2409007
	20	244.3	244.4	-117146	0.6	1.10	95206	21918	-117123	2291884
	21	244.2	244.3	-116913	0.6	1.10	95206	21874	-117080	2174804
	22	244.1	244.2	-116680	0.6	1.10	95206	21830	-117036	2057768
	23	244	244.1	-116447	0.6	1.10	95206	21787	-116993	1940775
	24	243.9	244	-116214	0.6	1.10	95206	21743	-116949	1823826
	25	243.8	243.9	-115983	0.6	1.10	95206	21700	-116906	1706920
	26	243.7	243.8	-115751	0.6	1.10	95206	21657	-116862	1590058
	27	243.6	243.7	-115520	0.6	1.10	95206	21613	-116819	1473239
	28	243.5	243.6	-115289	0.6	1.10	95206	21570	-116776	1356463
	29	243.4	243.5	-115057	0.6	1.10	95206	21527	-116733	1239730
	30	243.3	243.4	-114826	0.6	1.10	95206	21484	-116689	1123041
	31	243.2	243.3	-114595	0.6	1.10	95206	21440	-116646	1006395
Total				-1273188			4121053	673977		1006395

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.228		
August	1	243.1	243.2	-114363	0.6	1.10	95206	21766	-116972	889423
	2	243	243.1	-114132	0.6	1.10	95206	21722	-116928	772495
	3	242.9	243	-113902	0.6	1.10	95206	21678	-116884	655612
	4	242.8	242.9	-113673	0.6	1.10	95206	21635	-116840	538771
	5	242.7	242.8	-113444	0.6	1.10	95206	21591	-116797	421974
	6	242.6	242.7	-113216	0.6	1.10	95206	21547	-116753	305221
	7	242.5	242.6	-112987	0.6	1.10	95206	21504	-116710	188512
	8	242.4	242.5	-112758	0.6	1.10	95206	21460	-116666	71845
	9	242.3	242.4	-112529	0.6	1.10	95206	21417	-116623	-44777
	10	242.2	242.3	-112301	0.6	1.10	95206	21373	-116579	-161356
	11	242.1	242.2	-112072	0.6	1.10	95206	21330	-116536	-277892
	12	242	242.1	-111843	0.5	0.70	60355	21286	-81641	-359533
	13	241.9	242	-111616	0.5	0.70	60355	21243	-81598	-441130
	14	241.8	241.9	-111390	0.5	0.70	60355	21200	-81554	-522685
	15	241.7	241.8	-111163	0.5	0.70	60355	21157	-81511	-604196
	16	241.6	241.7	-110937	0.5	0.70	60355	21114	-81468	-685665
	17	241.5	241.6	-110711	0.5	0.70	60355	21071	-81425	-767090
	18	241.4	241.5	-110485	0.5	0.70	60355	21028	-81382	-848472
	19	241.3	241.4	-110259	0.5	0.70	60355	20985	-81339	-929812
	20	241.2	241.3	-110033	0.5	0.70	60355	20942	-81296	-1011108
	21	241.1	241.2	-109806	0.4	0.40	34549	20899	-55448	-1066555
	22	241	241.1	-109580	0.4	0.40	34549	20856	-55405	-1121960
	23	240.9	241	-109355	0.4	0.40	34549	20813	-55362	-1177322
	24	241.4	240.9	549037	0.5	0.70	60355	20899	467784	-709538
	25	241.3	241.4	-110259	0.5	0.70	60355	20985	-81339	-790877
	26	241.2	241.3	-110033	0.5	0.70	60355	20942	-81296	-872173
	27	241.1	241.2	-109806	0.5	0.70	60355	20899	-81253	-953426
	28	241	241.1	-109580	0.4	0.40	34549	20856	-55405	-1008831
	29	240.9	241	-109355	0.4	0.40	34549	20813	-55362	-1064193
	30	240.8	240.9	-109131	0.4	0.40	34549	20770	-55319	-1119512
	31	240.7	240.8	-108907	0.4	0.40	34549	20728	-55276	-1174788
Total				-2790589			2073715	656505		-1174788

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.228		
September	1	240.6	240.7	-108683	0.4	0.40	34549	20650	-55199	-1229987
	2	240.5	240.6	-108459	0.6	1.10	95206	20607	-115813	-1345800
	3	240.4	240.5	-108236	0.5	0.70	60355	20565	-80919	-1426719
	4	240.3	240.4	-108012	0.4	0.40	34549	20522	-55071	-1481790
	5	240.2	240.3	-107788	0.4	0.40	34549	20480	-55029	-1536819
	6	240.1	240.2	-107564	0.4	0.40	34549	20437	-54986	-1591805
	7	245	240.1	5539811	1.1	5.01	433278	21481	5085052	3493247
	8	244.9	245	-118546	0.7	1.62	139968	22524	-162492	3330754
	9	244.8	244.9	-118313	0.7	1.62	139968	22479	-162448	3168306
	10	244.7	244.8	-118080	0.7	1.62	139968	22435	-162404	3005903
	11	244.6	244.7	-117846	0.7	1.62	139968	22391	-162359	2843544
	12	244.5	244.6	-117613	0.7	1.62	139968	22346	-162315	2681229
	13	244.4	244.5	-117380	0.6	1.10	95206	22302	-117508	2563721
	14	244.3	244.4	-117146	0.6	1.10	95206	22258	-117464	2446257
	15	244.2	244.3	-116913	0.6	1.10	95206	22213	-117419	2328838
	16	244.1	244.2	-116680	0.6	1.10	95206	22169	-117375	2211463
	17	245	244.1	1058517	0.9	3.04	262356	22346	773815	2985278
	18	244.9	245	-118546	0.8	2.26	195438	22524	-217962	2767316
	19	244.8	244.9	-118313	0.7	1.62	139968	22479	-162448	2604868
	20	244.7	244.8	-118080	0.7	1.62	139968	22435	-162404	2442464
	21	244.6	244.7	-117846	0.7	1.62	139968	22391	-162359	2280105
	22	244.5	244.6	-117613	0.7	1.62	139968	22346	-162315	2117790
	23	244.4	244.5	-117380	0.7	1.62	139968	22302	-162271	1955519
	24	244.3	244.4	-117146	0.6	1.10	95206	22258	-117464	1838056
	25	244.2	244.3	-116913	0.6	1.10	95206	22213	-117419	1720637
	26	244.1	244.2	-116680	0.6	1.10	95206	22169	-117375	1603262
	27	244	244.1	-116447	0.6	1.10	95206	22125	-117331	1485931
	28	243.9	244	-116214	0.6	1.10	95206	22081	-117286	1368645
	29	243.8	243.9	-115983	0.6	1.10	95206	22037	-117242	1251402
	30	243.7	243.8	-115751	0.6	1.10	95206	21993	-117199	1134204
Total				3368157			3631776	657560		1134204

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.232		
October	1	243.6	243.7	-115520	0.6	1.10	95206	22359	-117564	1016639
	2	243.5	243.6	-115289	0.6	1.10	95206	22314	-117520	899120
	3	243.4	243.5	-115057	0.6	1.10	95206	22269	-117475	781645
	4	244.4	243.4	1161024	0.7	1.62	139968	22471	998584	1780229
	5	244.3	244.4	-117146	0.7	1.62	139968	22674	-162642	1617587
	6	244.2	244.3	-116913	0.7	1.62	139968	22628	-162597	1454990
	7	244.1	244.2	-116680	0.7	1.62	139968	22583	-162552	1292439
	8	244	244.1	-116447	0.6	1.10	95206	22538	-117744	1174695
	9	243.9	244	-116214	0.6	1.10	95206	22493	-117699	1056996
	10	243.8	243.9	-115983	0.6	1.10	95206	22448	-117654	939342
	11	243.7	243.8	-115751	0.6	1.10	95206	22404	-117609	821733
	12	244.2	243.7	581081	0.7	1.62	139968	22493	418619	1240352
	13	244.1	244.2	-116680	0.7	1.62	139968	22583	-162552	1077800
	14	244	244.1	-116447	0.7	1.62	139968	22538	-162506	915294
	15	243.9	244	-116214	0.7	1.62	139968	22493	-162462	752832
	16	243.8	243.9	-115983	0.7	1.62	139968	22448	-162417	590415
	17	243.7	243.8	-115751	0.6	1.10	95206	22404	-117609	472806
	18	243.6	243.7	-115520	0.6	1.10	95206	22359	-117564	355242
	19	243.5	243.6	-115289	0.6	1.10	95206	22314	-117520	237722
	20	243.4	243.5	-115057	0.6	1.10	95206	22269	-117475	120247
	21	243.3	243.4	-114826	0.5	0.70	60355	22224	-82579	37668
	22	243.2	243.3	-114595	0.5	0.70	60355	22180	-82534	-44866
	23	243.1	243.2	-114363	0.5	0.70	60355	22135	-82489	-127356
	24	243	243.1	-114132	0.5	0.70	60355	22090	-82445	-209800
	25	242.9	243	-113902	0.5	0.70	60355	22046	-82400	-292200
	26	242.8	242.9	-113673	0.4	0.40	34549	22001	-56550	-348750
	27	242.7	242.8	-113444	0.4	0.40	34549	21957	-56506	-405256
	28	242.6	242.7	-113216	0.4	0.40	34549	21913	-56462	-461718
	29	242.5	242.6	-112987	0.3	0.19	16830	21868	-38699	-500417
	30	242.4	242.5	-112758	0.3	0.19	16830	21824	-38654	-539071
	31	242.3	242.4	-112529	0.3	0.19	16830	21780	-38610	-577681
Total				-1596263			2762889	691101		-577681

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.152	(ft^3)	
November	1	242.2	242.3	-112301	0.3	0.19	16830	14225	-31055	-608736
	2	242.1	242.2	-112072	0.6	1.10	95206	14196	-109402	-718137
	3	245	242.1	3343997	0.7	1.62	139968	14606	3189422	2471285
	4	244.9	245	-118546	0.7	1.62	139968	15016	-154984	2316300
	5	244.8	244.9	-118313	0.7	1.62	139968	14986	-154955	2161346
	6	244.7	244.8	-118080	0.7	1.62	139968	14957	-154925	2006420
	7	244.6	244.7	-117846	0.7	1.62	139968	14927	-154896	1851525
	8	244.5	244.6	-117613	0.6	1.10	95206	14898	-110103	1741421
	9	244.4	244.5	-117380	0.6	1.10	95206	14868	-110074	1631348
	10	244.3	244.4	-117146	0.6	1.10	95206	14839	-110044	1521303
	11	244.2	244.3	-116913	0.6	1.10	95206	14809	-110015	1411289
	12	244.1	244.2	-116680	0.5	0.70	60355	14779	-75134	1336155
	13	245	244.1	1058517	0.7	1.62	139968	14898	903651	2239806
	14	244.9	245	-118546	0.7	1.62	139968	15016	-154984	2084822
	15	244.8	244.9	-118313	0.7	1.62	139968	14986	-154955	1929867
	16	244.7	244.8	-118080	0.7	1.62	139968	14957	-154925	1774942
	17	244.6	244.7	-117846	0.7	1.62	139968	14927	-154896	1620046
	18	244.5	244.6	-117613	0.6	1.10	95206	14898	-110103	1509943
	19	244.4	244.5	-117380	0.6	1.10	95206	14868	-110074	1399869
	20	244.3	244.4	-117146	0.6	1.10	95206	14839	-110044	1289825
	21	244.2	244.3	-116913	0.6	1.10	95206	14809	-110015	1179810
	22	244.1	244.2	-116680	0.5	0.70	60355	14779	-75134	1104676
	23	244	244.1	-116447	0.5	0.70	60355	14750	-75104	1029571
	24	243.9	244	-116214	0.5	0.70	60355	14720	-75075	954496
	25	243.8	243.9	-115983	0.5	0.70	60355	14691	-75046	879451
	26	243.7	243.8	-115751	0.5	0.70	60355	14662	-75016	804434
	27	243.6	243.7	-115520	0.5	0.70	60355	14633	-74987	729447
	28	243.5	243.6	-115289	0.5	0.70	60355	14603	-74958	654489
	29	243.4	243.5	-115057	0.5	0.70	60355	14574	-74928	579561
	30	243.3	243.4	-114826	0.5	0.70	60355	14545	-74899	504662
Total				1136019			2876912	443260		504662

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.058	(ft^3)	
December	1	243.2	243.3	-114595	0.4	0.40	34549	5545	-40094	464568
	2	243.1	243.2	-114363	0.4	0.40	34549	5534	-40083	424485
	3	243	243.1	-114132	0.3	0.19	16830	5523	-22353	402132
	4	242.9	243	-113902	0.3	0.19	16830	5511	-22342	379791
	5	242.8	242.9	-113673	0.3	0.19	16830	5500	-22330	357460
	6	242.7	242.8	-113444	0.3	0.19	16830	5489	-22319	335141
	7	242.6	242.7	-113216	0.3	0.19	16830	5478	-22308	312833
	8	242.5	242.6	-112987	0.3	0.19	16830	5467	-22297	290535
	9	242.4	242.5	-112758	0.3	0.19	16830	5456	-22286	268249
	10	243	242.4	679980	0.8	2.26	195438	5484	479058	747307
	11	242.9	243	-113902	0.7	1.62	139968	5511	-145480	601828
	12	242.8	242.9	-113673	0.7	1.62	139968	5500	-145469	456359
	13	242.7	242.8	-113444	0.7	1.62	139968	5489	-145458	310901
	14	242.6	242.7	-113216	0.7	1.62	139968	5478	-145447	165455
	15	242.5	242.6	-112987	0.7	1.62	139968	5467	-145436	20019
	16	242.4	242.5	-112758	0.6	1.10	95206	5456	-100662	-80643
	17	242.3	242.4	-112529	0.6	1.10	95206	5445	-100651	-181294
	18	242.2	242.3	-112301	0.6	1.10	95206	5434	-100640	-281933
	19	242.1	242.2	-112072	0.6	1.10	95206	5423	-100629	-382562
	20	242	242.1	-111843	0.5	0.70	60355	5412	-65766	-448328
	21	241.9	242	-111616	0.5	0.70	60355	5401	-65755	-514083
	22	241.8	241.9	-111390	0.5	0.70	60355	5390	-65744	-579828
	23	241.7	241.8	-111163	0.5	0.70	60355	5379	-65733	-645561
	24	241.6	241.7	-110937	0.5	0.70	60355	5368	-65722	-711284
	25	241.5	241.6	-110711	0.5	0.70	60355	5357	-65712	-776995
	26	241.4	241.5	-110485	0.4	0.40	34549	5346	-39895	-816890
	27	241.3	241.4	-110259	0.4	0.40	34549	5335	-39884	-856774
	28	241.2	241.3	-110033	0.4	0.40	34549	5324	-39873	-896647
	29	241.1	241.2	-109806	0.4	0.40	34549	5313	-39862	-936510
	30	241	241.1	-109580	0.4	0.40	34549	5302	-39851	-976361
	31	240.9	241	-109355	0.4	0.40	34549	5291	-39840	-1016201
Total				-2687150			2032434	168409		-1016201

Elevation (ft)	Area (ft^2)
231	879635
231.1	881706
231.2	883778
231.3	885849
231.4	887920
231.5	889992
231.6	892063
231.7	894134
231.8	896205
231.9	898277
232	900348
232.1	902436
232.2	904523
232.3	906611
232.4	908698
232.5	910786
232.6	912873
232.7	914961
232.8	917048
232.9	919136
233	921223
233.1	923326
233.2	925430
233.3	927533
233.4	929637
233.5	931740
233.6	933843
233.7	935947
233.8	938050
233.9	940154
234	942257
234.1	944376
234.2	946495
234.3	948613
234.4	950732
234.5	952851
234.6	954970
234.7	957089
234.8	959207
234.9	961326
235	963445
235.1	965579
235.2	967714
235.3	969848
235.4	971983

235.5	974117
235.6	976251
235.7	978386
235.8	980520
235.9	982655
236	984789
236.1	986941
236.2	989093
236.3	991245
236.4	993397
236.5	995549
236.6	997700
236.7	999852
236.8	1002004
236.9	1004156
237	1006308
237.1	1008485
237.2	1010662
237.3	1012838
237.4	1015015
237.5	1017192
237.6	1019369
237.7	1021546
237.8	1023722
237.9	1025899
238	1028076
238.1	1030276
238.2	1032475
238.3	1034675
238.4	1036874
238.5	1039074
238.6	1041274
238.7	1043473
238.8	1045673
238.9	1047872
239	1050072
239.1	1052293
239.2	1054513
239.3	1056734
239.4	1058955
239.5	1061176
239.6	1063396
239.7	1065617
239.8	1067838
239.9	1070058
240	1072279
240.1	1074518

240.2	1076757	
240.3	1078997	
240.4	1081236	
240.5	1083475	
240.6	1085714	
240.7	1087953	
240.8	1090193	
240.9	1092432	
241	1094671	
241.1	1096933	
241.2	1099194	
241.3	1101456	
241.4	1103718	
241.5	1105980	
241.6	1108241	
241.7	1110503	
241.8	1112765	
241.9	1115026	
242	1117288	
242.1	1119576	
242.2	1121863	
242.3	1124151	
242.4	1126438	
242.5	1128726	
242.6	1131013	
242.7	1133301	
242.8	1135588	
242.9	1137876	
243	1140163	
243.1	1142477	
243.2	1144790	
243.3	1147104	231.36
243.4	1149417	
243.5	1151731	
243.6	1154045	
243.7	1156358	
243.8	1158672	
243.9	1160985	
244	1163299	
244.1	1165632	
244.2	1167965	
244.3	1170298	
244.4	1172631	
244.5	1174964	
244.6	1177297	
244.7	1179630	
244.8	1181963	

	244.9	1184296		
Normal Pool Elevation	245	1186629		
	245.1	1188981		
	245.2	1191333	27.34925	27.37625115
	245.3	1193686	27.40325	
	245.4	1196038		
	245.5	1198390		
	245.6	1200742		
	245.7	1203094		
	245.8	1205447		
	245.9	1207799		
	246	1210151		
	246.1	1212522		
	246.2	1214893		
	246.3	1217264		
	246.4	1219635		
	246.5	1222006		
	246.6	1224377		
	246.7	1226748		
	246.8	1229119		
	246.9	1231490		
	247	1233861		
	247.1	1236251		
	247.2	1238640		
	247.3	1241030		
	247.4	1243419		
	247.5	1245809		
	247.6	1248199		
	247.7	1250588		
	247.8	1252978		
	247.9	1255367		
Top of Dam	248	1257757		

LJA Engineering, Inc.

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January 27, 2014

Ms. Sarah Henderson, Project Manager
Texas Commission on Environmental Quality (TCEQ)
Attn: Water Rights Permitting & Availability Section
P.O. Box 13087/MC -160
Austin, TX 78711-3087

Re: SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment
TCEQ Water Rights Permit No. 5712, Montgomery County, Texas
LJA Job No. 1282-1001 (6.0)

Dear Ms. Henderson:

On behalf of SR Superior, LLC (owner of the above mentioned facility), LJA Engineering, Inc. (LJA) would like to submit this letter to the TCEQ as a response to the letter dated November 18, 2013 indicating the request for additional information. The TCEQ request was to provide the protocol that will be used to ensure that state water is not used in the reservoir complex. The responses directly correlate to the numerical order of the comment letter:

1. The protocol will use the maximum net evaporation rates provided. A revised blank and sample calculation spreadsheet have been provided as previously requested.

2. The surface area at elevation 245.25 is 27.37 acres. A revised application sheet is included as an attachment to this letter.

3. We have included negative values in the delta volume (Column E) as requested.

4. The accounting text file has been updated and includes readings measured daily.

5. It is understood that negative values would be adjusted to zero if evaporation is greater than an inflow event. However, inflow events are measured in tenth of a foot increments, which produce a considerably larger value than any of the daily evaporation values for the subject lake. Therefore, there is no possibility of a having evaporation greater than a measured inflow event.

Please feel free to contact me at 713.953.5277 should you have any questions or require additional information. Thank you very much for your consideration in this matter.

Sincerely,

David A. Rivera, PE
Project Manager

DAR/dl

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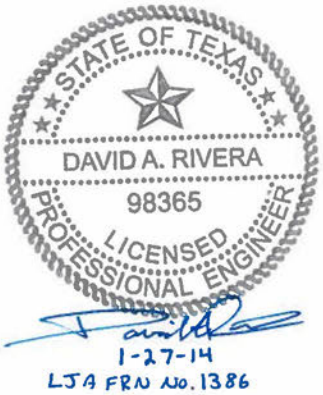


TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

November 18, 2013

Mr. David Rivera
LJA Engineering, Inc.
2929 Briarpark Drive, Suite 600
Houston, Texas 77042-3703

CERTIFIED MAIL

91 7108 2133 3935 1942 7622

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code §11.122, Requiring Full Basin Mailed and Published Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Rivera:

This acknowledges receipt, on December 14 and December 18, 2012, of additional information for the referenced application.

Before staff can accept the protocol submitted and complete technical review, additional information is required:

1. Confirm the protocol will use the monthly maximum net evaporation rate. Staff believes that in order to protect senior and superior water rights the protocol should include the maximum net evaporation. Staff has provided a table of net evaporation rates in feet for use in determining the evaporation from the reservoir.

	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Max. Monthly Values (feet)	0.51	0.21	0.32	0.42	0.43	0.54	0.58	0.59	0.57	0.60	0.38	0.15

2. Confirm the surface area at elevation 245.25. The elevation surface area relationship used in the protocol indicates an area of 27.37 acres at elevation 245.25 yet the application indicates an area of 26.64 acres at elevation 245.25.

3. Update the Delta volume (Column E) to include all changes in storage, not just increasing volume storage.

4. Update the accounting text file to include readings that will be measured daily.

5. Staff recognizes that, on occasion, the calculation of a negative value occurs when the evaporation is greater than an inflow event. Negative values should be adjusted to zero to protect senior and superior water rights holders.

Please submit the requested information by **December 18, 2013**, or the application may be returned pursuant to Title 30 Texas Administrative Code §281.19. You have the option of having the question of sufficiency of the necessary requested data referred to the Commission for a decision instead of having the application returned; such referral shall be provided by December 18, 2013.

If you have any questions concerning this matter, please contact me by e-mail at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah Henderson, Project Manager
Water Rights Permitting & Availability Section
Water Availability Division

SECTION 3: INFORMATION ON DAM

Classification

Size Classification: ❑ Large ❑ Medium ■ Small

Hazard Classification: ❑ High ■ Significant ❑ Low

Number of People at Risk 3 residence Study Year 2010

Type of Dam: ❑ Concrete ❑ Gravity ■ Earthfill ❑ Rockfill ❑ Masonry ❑ Other (specify) _____

Dam Structure (dimensions to nearest tenth of foot, volume to nearest acre-foot or cubic yard, areas to nearest acre):

Spillway Height 21 ft *(natural surface of ground to bottom of emergency spillway at longitudinal centerline)*

Embankment Height 23.25 ft *(natural surface of ground to crest of dam at centerline)*

Structural Height 2.25 ft *(bottom of cutoff trench to crest of dam at centerline)*

Length of Dam 35 ft Crest Width 12 ft

Normal Pool Elevation 245.25 ft-MSL Principal Spillway Elevation 245.25 ft-MSL

Emergency Spillway Elevation 245.25 ft-MSL Top of Dam Elevation 247.5 ft-MSL

Embankment Volume N/A cu yd

Maximum Impoundment Capacity 315 ac-ft *(at top of dam)*

Normal Reservoir Capacity 240 ac-ft *(at normal or conservation pool)*

Reservoir Surface Area 27.37 acres *(at normal or conservation pool)*

Outlet

Outlet Diameter: N/A ❑ in ■ ft *(check one)*

Type: Trap. weir 12' BW

Principal Spillway

Type: ❑ Natural ❑ Riprap ❑ Concrete ❑ CMP ❑ RCP ■ Other

Width (Diam.): 12' weir ft Capacity: 1118 cfs

Emergency Spillway

Type: ❑ Natural ❑ Riprap ❑ Concrete ❑ CMP ❑ RCP ❑ Other

Width (Diam.): N/A ft Capacity: N/A cfs

Total Spillway Capacity: N/A cfs (crest of the dam)

SECTION 4: HYDROLOGIC INFORMATION

Required Hydrologic Criteria (% PMF) 25 % PMF Passing 43

PMF Study Year 2000

Drainage Area: 825 acres, or 1.29 sq mi

Curve Number (AMC III condition) N/A

Time of Concentration 1.16 hr

Peak Discharge 2600 (PMF) cfs

Peak Stage 248.8 ft-MSL

Storm Duration Causing Peak Stage 1 hr

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.197		
January	1	244.0	244.0	0		0.00	0	19138	-19138	-19138
	2		244.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.09		
February	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.124	(ft^3)	(ft^3)
March	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.168	(ft^3)	(ft^3)
April	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.166	(ft^3)	(ft^3)
May	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.216	(ft^3)	(ft^3)
June	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.225	Accountability (ft^3)	Accountability (ft^3)
July	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.228	Accountability (ft^3)	Accountability (ft^3)
August	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.228		
September	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.232		
October	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.152	Accountability (ft^3)	Accountability (ft^3)
November	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.058	Accountability (ft^3)	Accountability (ft^3)
December	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.197	(ft^3)	(ft^3)
January	1	245.0	244.0	1174964	0.4	0.40	34549	19330	1121085	1121085
	2	244.9	245.0	-118546	0.6	1.10	95206	19503	-114709	1006376
	3	244.8	244.9	-118313	0.6	1.10	95206	19464	-114670	891706
	4	244.7	244.8	-118080	0.6	1.10	95206	19426	-114632	777075
	5	244.6	244.7	-117846	0.6	1.10	95206	19388	-114593	662481
	6	244.5	244.6	-117613	0.6	1.10	95206	19349	-114555	547926
	7	244.4	244.5	-117380	0.6	1.10	95206	19311	-114517	433410
	8	244.3	244.4	-117146	0.6	1.10	95206	19272	-114478	318931
	9	244.2	244.3	-116913	0.5	0.70	60355	19234	-79589	239343
	10	244.1	244.2	-116680	0.5	0.70	60355	19196	-79550	159793
	11	244.0	244.1	-116447	0.6	1.10	95206	19157	-114363	45429
	12	243.9	244.0	-116214	0.6	1.10	95206	19119	-114325	-68895
	13	243.8	243.9	-115983	0.6	1.10	95206	19081	-114287	-183182
	14	243.8	243.8	0	0.5	0.70	60355	19062	-79417	-262599
	15	243.6	243.8	-231272	0.5	0.70	60355	19024	-79379	-341977
	16	243.5	243.6	-115289	0.6	1.10	95206	18967	-114173	-456150
	17	243.4	243.5	-115057	0.6	1.10	95206	18929	-114135	-570284
	18	243.3	243.4	-114826	0.6	1.10	95206	18891	-114096	-684381
	19	243.2	243.3	-114595	0.6	1.10	95206	18853	-114058	-798439
	20	243.1	243.2	-114363	0.6	1.10	95206	18815	-114020	-912460
	21	243.0	243.1	-114132	0.6	1.10	95206	18777	-113982	-1026442
	22	242.9	243.0	-113902	0.6	1.10	95206	18739	-113944	-1140386
	23	242.8	242.9	-113673	0.6	1.10	95206	18701	-113907	-1254293
	24	242.7	242.8	-113444	0.5	0.70	60355	18663	-79018	-1333311
	25	242.6	242.7	-113216	0.4	0.40	34549	18626	-53175	-1386486
	26	244.0	242.6	1606018	0.5	0.70	60355	18873	1526791	140305
	27	243.7	244.0	-347949	0.7	1.62	139968	19081	-159049	-18744
	28	243.4	243.7	-345866	0.7	1.62	139968	18967	-158935	-177679
	29	243.1	243.4	-343784	0.7	1.62	139968	18853	-158821	-336501
	30	243.0	243.1	-114132	0.6	1.10	95206	18777	-113982	-450483
	31	242.7	243.0	-341020	0.6	1.10	95206	18701	-113907	-564390
Total				-1492698			2755245	590127		-564390

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.09	(ft^3)	(ft^3)
February	1	243.3	242.7	684121	0.6	1.10	95206	8552	580364	15974
	2	243.2	243.3	-114595	0.6	1.10	95206	8595	-103800	-87826
	3	243.1	243.2	-114363	0.5	0.70	60355	8577	-68932	-156758
	4	243	243.1	-114132	0.4	0.40	34549	8560	-43109	-199867
	5	242.9	243	-113902	0.4	0.40	34549	8543	-43092	-242958
	6	242.8	242.9	-113673	0.3	0.19	16830	8525	-25356	-268314
	7	242.5	242.8	-339647	0.3	0.19	16830	8491	-25321	-293635
	8	243	242.5	567222	0.6	1.10	95206	8508	463508	169873
	9	242.4	243	-679980	0.6	1.10	95206	8500	-103705	66167
	10	242.3	242.4	-112529	0.6	1.10	95206	8440	-103645	-37478
	11	242.1	242.3	-224373	0.6	1.10	95206	8414	-103620	-141098
	12	242	242.1	-111843	0.5	0.70	60355	8388	-68743	-209841
	13	241.9	242	-111616	0.5	0.70	60355	8371	-68726	-278566
	14	241.8	241.9	-111390	0.5	0.70	60355	8354	-68709	-347275
	15	241.7	241.8	-111163	0.5	0.70	60355	8337	-68692	-415967
	16	241.6	241.7	-110937	0.5	0.70	60355	8320	-68675	-484642
	17	241.5	241.6	-110711	0.4	0.40	34549	8303	-42852	-527494
	18	241.4	241.5	-110485	0.4	0.40	34549	8286	-42835	-570329
	19	241.3	241.4	-110259	0.4	0.40	34549	8269	-42818	-613148
	20	241.2	241.3	-110033	0.4	0.40	34549	8252	-42801	-655949
	21	241.1	241.2	-109806	0.4	0.40	34549	8235	-42784	-698734
	22	241	241.1	-109580	0.3	0.19	16830	8219	-25049	-723782
	23	240.9	241	-109355	0.3	0.19	16830	8202	-25032	-748814
	25	240.8	240.9	-109131	0.3	0.19	16830	8185	-25015	-773829
	26	240.7	240.8	-108907	0.3	0.19	16830	8168	-24998	-798827
	27	240.6	240.7	-108683	0.4	0.40	34549	8151	-42700	-841527
	28	240.5	240.6	-108459	0.4	0.40	34549	8134	-42683	-884211
	29	240.4	240.5	-108236	0.3	0.19	16830	8118	-24948	-909159
Total				-2546446			1362113	233999		-909159

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.124		
March	1	241.8	240.4	1535800	0.5	0.70	60355	11324	1464122	554963
	2	241.7	241.8	-111163	0.5	0.70	60355	11475	-71829	483134
	3	241.5	241.7	-221648	0.5	0.70	60355	11440	-71794	411339
	4	243	241.5	1684607	0.5	0.70	60355	11593	1612659	2023999
	5	242.9	243	-113902	0.6	1.10	95206	11758	-106963	1917035
	6	242.8	242.9	-113673	0.5	0.70	60355	11734	-72089	1844947
	7	242.7	242.8	-113444	0.4	0.40	34549	11710	-46259	1798687
	8	242.6	242.7	-113216	0.4	0.40	34549	11687	-46236	1752452
	9	242.5	242.6	-112987	0.4	0.40	34549	11663	-46212	1706239
	10	242.4	242.5	-112758	0.4	0.40	34549	11640	-46189	1660051
	11	242.3	242.4	-112529	0.4	0.40	34549	11616	-46165	1613886
	12	242.2	242.3	-112301	0.4	0.40	34549	11592	-46141	1567745
	13	242.1	242.2	-112072	0.4	0.40	34549	11569	-46118	1521627
	14	242	242.1	-111843	0.4	0.40	34549	11545	-46094	1475533
	15	241.9	242	-111616	0.4	0.40	34549	11522	-46071	1429462
	16	241.8	241.9	-111390	0.6	1.10	95206	11498	-106704	1322758
	17	243.7	241.8	2155667	0.7	1.62	139968	11712	2003987	3326745
	18	243.6	243.7	-115520	0.7	1.62	139968	11925	-151893	3174852
	19	243.5	243.6	-115289	0.7	1.62	139968	11901	-151869	3022983
	20	243.4	243.5	-115057	0.7	1.62	139968	11877	-151845	2871137
	21	243.3	243.4	-114826	0.7	1.62	139968	11853	-151821	2719316
	22	243.2	243.3	-114595	0.7	1.62	139968	11829	-151798	2567518
	23	243.1	243.2	-114363	0.7	1.62	139968	11805	-151774	2415745
	24	243	243.1	-114132	0.6	1.10	95206	11781	-106987	2308758
	25	242.9	243	-113902	0.6	1.10	95206	11758	-106963	2201794
	26	242.8	242.9	-113673	0.6	1.10	95206	11734	-106940	2094855
	27	242.7	242.8	-113444	0.6	1.10	95206	11710	-106916	1987938
	28	242.6	242.7	-113216	0.6	1.10	95206	11687	-106893	1881046
	29	242.5	242.6	-112987	0.6	1.10	95206	11663	-106869	1774177
	30	242.4	242.5	-112758	0.6	1.10	95206	11640	-106845	1667332
	31	243.5	242.4	1252993	0.6	1.10	95206	11758	1146029	2813361
Total				3460762			2544550	361998		2813361

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.168		
April	1	242.3	243.5	-1365529	0.6	1.10	95206	15931	-111137	2702224
	2	242.2	242.3	-112301	0.5	0.70	60355	15722	-76077	2626147
	3	242.1	242.2	-112072	0.5	0.70	60355	15690	-76045	2550102
	4	242	242.1	-111843	0.5	0.70	60355	15658	-76013	2474090
	5	241.9	242	-111616	0.5	0.70	60355	15626	-75981	2398109
	6	241.8	241.9	-111390	0.5	0.70	60355	15595	-75949	2322160
	7	241.7	241.8	-111163	0.3	0.19	16830	15563	-32393	2289767
	8	241.5	241.7	-221648	0.3	0.19	16830	15515	-32346	2257421
	9	243	241.5	1684607	0.6	1.10	95206	15723	1573678	3831100
	10	242.9	243	-113902	0.6	1.10	95206	15946	-111152	3719948
	11	242.8	242.9	-113673	0.6	1.10	95206	15914	-111120	3608828
	12	242.7	242.8	-113444	0.6	1.10	95206	15882	-111088	3497740
	13	242.6	242.7	-113216	0.6	1.10	95206	15850	-111056	3386684
	14	242.5	242.6	-112987	0.6	1.10	95206	15818	-111024	3275660
	15	242.4	242.5	-112758	0.6	1.10	95206	15786	-110992	3164668
	16	242.3	242.4	-112529	0.5	0.70	60355	15754	-76109	3088559
	17	242.2	242.3	-112301	0.5	0.70	60355	15722	-76077	3012483
	18	242.1	242.2	-112072	0.5	0.70	60355	15690	-76045	2936438
	19	242	242.1	-111843	0.5	0.70	60355	15658	-76013	2860425
	20	241.9	242	-111616	0.5	0.70	60355	15626	-75981	2784445
	21	241.8	241.9	-111390	0.4	0.40	34549	15595	-50143	2734301
	22	242.4	241.8	671761	0.6	1.10	95206	15674	560881	3295182
	23	242.3	242.4	-112529	0.6	1.10	95206	15754	-110960	3184222
	24	242.2	242.3	-112301	0.6	1.10	95206	15722	-110928	3073294
	25	242.1	242.2	-112072	0.6	1.10	95206	15690	-110896	2962398
	26	242	242.1	-111843	0.6	1.10	95206	15658	-110864	2851534
	27	241.9	242	-111616	0.5	0.70	60355	15626	-75981	2775554
	28	241.8	241.9	-111390	0.5	0.70	60355	15595	-75949	2699605
	29	241.7	241.8	-111163	0.5	0.70	60355	15563	-75917	2623687
	30	241.6	241.7	-110937	0.5	0.70	60355	15531	-75886	2547801
Total				-2146776			2150848	471079		2547801

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.166	(ft^3)	(ft^3)
May	1	241.5	241.6	-110711	0.4	0.40	34549	15357	-49906	2497896
	2	241.4	241.5	-110485	0.4	0.40	34549	15325	-49874	2448022
	3	241.3	241.4	-110259	0.5	0.70	60355	15294	-75648	2372373
	4	241.2	241.3	-110033	0.5	0.70	60355	15263	-75617	2296756
	5	241.1	241.2	-109806	0.3	0.19	16830	15231	-32061	2264695
	6	241	241.1	-109580	0.4	0.40	34549	15200	-49749	2214946
	7	240.9	241	-109355	0.3	0.19	16830	15169	-31999	2182947
	8	240.8	240.9	-109131	0.3	0.19	16830	15138	-31968	2150979
	9	240.7	240.8	-108907	0.4	0.40	34549	15106	-49655	2101324
	10	241.5	240.7	877573	0.5	0.70	60355	15216	802003	2903326
	11	241.4	241.5	-110485	0.6	1.10	95206	15325	-110531	2792795
	12	241.3	241.4	-110259	0.6	1.10	95206	15294	-110500	2682296
	13	241.2	241.3	-110033	0.6	1.10	95206	15263	-110468	2571827
	14	241.1	241.2	-109806	0.5	0.70	60355	15231	-75586	2496242
	15	241	241.1	-109580	0.5	0.70	60355	15200	-75554	2420687
	16	240.9	241	-109355	0.5	0.70	60355	15169	-75523	2345164
	17	240.8	240.9	-109131	0.4	0.40	34549	15138	-49687	2295478
	18	240.7	240.8	-108907	0.4	0.40	34549	15106	-49655	2245822
	19	240.6	240.7	-108683	0.4	0.40	34549	15075	-49624	2196198
	20	241.6	240.6	1096978	0.5	0.70	60355	15216	1021407	3217605
	21	241.5	241.6	-110711	0.6	1.10	95206	15357	-110562	3107042
	22	241.4	241.5	-110485	0.6	1.10	95206	15325	-110531	2996511
	23	241.3	241.4	-110259	0.6	1.10	95206	15294	-110500	2886012
	24	241.2	241.3	-110033	0.5	0.70	60355	15263	-75617	2810394
	25	241.1	241.2	-109806	0.5	0.70	60355	15231	-75586	2734809
	26	241	241.1	-109580	0.5	0.70	60355	15200	-75554	2659254
	27	240.9	241	-109355	0.5	0.70	60355	15169	-75523	2583731
	28	240.8	240.9	-109131	0.4	0.40	34549	15138	-49687	2534045
	29	240.7	240.8	-108907	0.4	0.40	34549	15106	-49655	2484389
	30	240.6	240.7	-108683	0.4	0.40	34549	15075	-49624	2434765
	31	240.5	240.6	-108459	0.3	0.19	16830	15044	-31875	2402890
Total				-1205366			1647945	471517		2402890

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.216	(ft^3)	(ft^3)
June	1	240.3	240.5	-216247	0.3	0.19	16830	19462	-36292	2366598
	2	240.2	240.3	-107788	0.3	0.19	16830	19402	-36232	2330366
	3	240.1	240.2	-107564	0.3	0.19	16830	19361	-36192	2294174
	4	240	240.1	-107340	0.3	0.19	16830	19321	-36151	2258023
	5	239.9	240	-107117	0.3	0.19	16830	19281	-36111	2221912
	6	239.8	239.9	-106895	0.3	0.19	16830	19241	-36071	2185840
	7	239.7	239.8	-106673	0.3	0.19	16830	19201	-36031	2149809
	8	239.6	239.7	-106451	0.3	0.19	16830	19161	-35991	2113818
	9	245	239.6	6075068	2	22.35	1931346	20250	4123472	6237290
	10	244.9	245	-118546	0.7	1.62	139968	21338	-161307	6075983
	11	244.8	244.9	-118313	0.7	1.62	139968	21296	-161265	5914719
	12	244.7	244.8	-118080	0.7	1.62	139968	21254	-161223	5753496
	13	244.6	244.7	-117846	0.7	1.62	139968	21212	-161181	5592315
	14	244.5	244.6	-117613	0.7	1.62	139968	21170	-161139	5431176
	15	244.4	244.5	-117380	0.6	1.10	95206	21128	-116334	5314842
	16	244.3	244.4	-117146	0.6	1.10	95206	21086	-116292	5198550
	17	244.2	244.3	-116913	0.6	1.10	95206	21044	-116250	5082300
	18	244.1	244.2	-116680	0.6	1.10	95206	21002	-116208	4966092
	19	244	244.1	-116447	0.6	1.10	95206	20960	-116166	4849926
	20	243.9	244	-116214	0.6	1.10	95206	20919	-116124	4733801
	21	243.8	243.9	-115983	0.6	1.10	95206	20877	-116083	4617719
	22	243.7	243.8	-115751	0.6	1.10	95206	20835	-116041	4501678
	23	245	243.7	1522942	1.7	14.89	1286493	21087	215362	4717040
	24	244.9	245	-118546	0.7	1.62	139968	21338	-161307	4555733
	25	244.8	244.9	-118313	0.7	1.62	139968	21296	-161265	4394468
	26	244.7	244.8	-118080	0.7	1.62	139968	21254	-161223	4233246
	27	244.6	244.7	-117846	0.7	1.62	139968	21212	-161181	4072065
	28	244.5	244.6	-117613	0.7	1.62	139968	21170	-161139	3910926
	29	244.4	244.5	-117380	0.7	1.62	139968	21128	-161097	3749829
	30	244.3	244.4	-117146	0.7	1.62	139968	21086	-161055	3588775
Total				4284099			5793747	618379		3588775

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.225	(ft^3)	(ft^3)
July	1	244.2	244.3	-116913	0.6	1.10	95206	21874	-117080	3471695
	2	244.1	244.2	-116680	0.8	2.26	195438	21830	-217269	3254426
	3	244	244.1	-116447	0.6	1.10	95206	21787	-116993	3137433
	4	243.9	244	-116214	0.6	1.10	95206	21743	-116949	3020484
	5	243.8	243.9	-115983	0.6	1.10	95206	21700	-116906	2903579
	6	243.7	243.8	-115751	0.6	1.10	95206	21657	-116862	2786716
	7	243.6	243.7	-115520	0.6	1.10	95206	21613	-116819	2669897
	8	243.5	243.6	-115289	0.6	1.10	95206	21570	-116776	2553121
	9	243.4	243.5	-115057	0.6	1.10	95206	21527	-116733	2436388
	10	243.3	243.4	-114826	0.6	1.10	95206	21484	-116689	2319699
	11	243.2	243.3	-114595	0.6	1.10	95206	21440	-116646	2203053
	12	243.1	243.2	-114363	0.6	1.10	95206	21397	-116603	2086450
	13	245	243.1	2212650	1.5	10.89	940834	21788	1250028	3336478
	14	244.9	245	-118546	0.7	1.62	139968	22180	-162148	3174330
	15	244.8	244.9	-118313	0.7	1.62	139968	22136	-162104	3012225
	16	244.7	244.8	-118080	0.7	1.62	139968	22092	-162061	2850165
	17	244.6	244.7	-117846	0.7	1.62	139968	22049	-162017	2688148
	18	244.5	244.6	-117613	0.7	1.62	139968	22005	-161973	2526174
	19	244.4	244.5	-117380	0.6	1.10	95206	21961	-117167	2409007
	20	244.3	244.4	-117146	0.6	1.10	95206	21918	-117123	2291884
	21	244.2	244.3	-116913	0.6	1.10	95206	21874	-117080	2174804
	22	244.1	244.2	-116680	0.6	1.10	95206	21830	-117036	2057768
	23	244	244.1	-116447	0.6	1.10	95206	21787	-116993	1940775
	24	243.9	244	-116214	0.6	1.10	95206	21743	-116949	1823826
	25	243.8	243.9	-115983	0.6	1.10	95206	21700	-116906	1706920
	26	243.7	243.8	-115751	0.6	1.10	95206	21657	-116862	1590058
	27	243.6	243.7	-115520	0.6	1.10	95206	21613	-116819	1473239
	28	243.5	243.6	-115289	0.6	1.10	95206	21570	-116776	1356463
	29	243.4	243.5	-115057	0.6	1.10	95206	21527	-116733	1239730
	30	243.3	243.4	-114826	0.6	1.10	95206	21484	-116689	1123041
	31	243.2	243.3	-114595	0.6	1.10	95206	21440	-116646	1006395
Total				-1273188			4121053	673977		1006395

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.228	(ft^3)	(ft^3)
August	1	243.1	243.2	-114363	0.6	1.10	95206	21766	-116972	889423
	2	243	243.1	-114132	0.6	1.10	95206	21722	-116928	772495
	3	242.9	243	-113902	0.6	1.10	95206	21678	-116884	655612
	4	242.8	242.9	-113673	0.6	1.10	95206	21635	-116840	538771
	5	242.7	242.8	-113444	0.6	1.10	95206	21591	-116797	421974
	6	242.6	242.7	-113216	0.6	1.10	95206	21547	-116753	305221
	7	242.5	242.6	-112987	0.6	1.10	95206	21504	-116710	188512
	8	242.4	242.5	-112758	0.6	1.10	95206	21460	-116666	71845
	9	242.3	242.4	-112529	0.6	1.10	95206	21417	-116623	-44777
	10	242.2	242.3	-112301	0.6	1.10	95206	21373	-116579	-161356
	11	242.1	242.2	-112072	0.6	1.10	95206	21330	-116536	-277892
	12	242	242.1	-111843	0.5	0.70	60355	21286	-81641	-359533
	13	241.9	242	-111616	0.5	0.70	60355	21243	-81598	-441130
	14	241.8	241.9	-111390	0.5	0.70	60355	21200	-81554	-522685
	15	241.7	241.8	-111163	0.5	0.70	60355	21157	-81511	-604196
	16	241.6	241.7	-110937	0.5	0.70	60355	21114	-81468	-685665
	17	241.5	241.6	-110711	0.5	0.70	60355	21071	-81425	-767090
	18	241.4	241.5	-110485	0.5	0.70	60355	21028	-81382	-848472
	19	241.3	241.4	-110259	0.5	0.70	60355	20985	-81339	-929812
	20	241.2	241.3	-110033	0.5	0.70	60355	20942	-81296	-1011108
	21	241.1	241.2	-109806	0.4	0.40	34549	20899	-55448	-1066555
	22	241	241.1	-109580	0.4	0.40	34549	20856	-55405	-1121960
	23	240.9	241	-109355	0.4	0.40	34549	20813	-55362	-1177322
	24	241.4	240.9	549037	0.5	0.70	60355	20899	467784	-709538
	25	241.3	241.4	-110259	0.5	0.70	60355	20985	-81339	-790877
	26	241.2	241.3	-110033	0.5	0.70	60355	20942	-81296	-872173
	27	241.1	241.2	-109806	0.5	0.70	60355	20899	-81253	-953426
	28	241	241.1	-109580	0.4	0.40	34549	20856	-55405	-1008831
	29	240.9	241	-109355	0.4	0.40	34549	20813	-55362	-1064193
	30	240.8	240.9	-109131	0.4	0.40	34549	20770	-55319	-1119512
	31	240.7	240.8	-108907	0.4	0.40	34549	20728	-55276	-1174788
Total				-2790589			2073715	656505		-1174788

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.228	(ft^3)	
September	1	240.6	240.7	-108683	0.4	0.40	34549	20650	-55199	-1229987
	2	240.5	240.6	-108459	0.6	1.10	95206	20607	-115813	-1345800
	3	240.4	240.5	-108236	0.5	0.70	60355	20565	-80919	-1426719
	4	240.3	240.4	-108012	0.4	0.40	34549	20522	-55071	-1481790
	5	240.2	240.3	-107788	0.4	0.40	34549	20480	-55029	-1536819
	6	240.1	240.2	-107564	0.4	0.40	34549	20437	-54986	-1591805
	7	245	240.1	5539811	1.1	5.01	433278	21481	5085052	3493247
	8	244.9	245	-118546	0.7	1.62	139968	22524	-162492	3330754
	9	244.8	244.9	-118313	0.7	1.62	139968	22479	-162448	3168306
	10	244.7	244.8	-118080	0.7	1.62	139968	22435	-162404	3005903
	11	244.6	244.7	-117846	0.7	1.62	139968	22391	-162359	2843544
	12	244.5	244.6	-117613	0.7	1.62	139968	22346	-162315	2681229
	13	244.4	244.5	-117380	0.6	1.10	95206	22302	-117508	2563721
	14	244.3	244.4	-117146	0.6	1.10	95206	22258	-117464	2446257
	15	244.2	244.3	-116913	0.6	1.10	95206	22213	-117419	2328838
	16	244.1	244.2	-116680	0.6	1.10	95206	22169	-117375	2211463
	17	245	244.1	1058517	0.9	3.04	262356	22346	773815	2985278
	18	244.9	245	-118546	0.8	2.26	195438	22524	-217962	2767316
	19	244.8	244.9	-118313	0.7	1.62	139968	22479	-162448	2604868
	20	244.7	244.8	-118080	0.7	1.62	139968	22435	-162404	2442464
	21	244.6	244.7	-117846	0.7	1.62	139968	22391	-162359	2280105
	22	244.5	244.6	-117613	0.7	1.62	139968	22346	-162315	2117790
	23	244.4	244.5	-117380	0.7	1.62	139968	22302	-162271	1955519
	24	244.3	244.4	-117146	0.6	1.10	95206	22258	-117464	1838056
	25	244.2	244.3	-116913	0.6	1.10	95206	22213	-117419	1720637
	26	244.1	244.2	-116680	0.6	1.10	95206	22169	-117375	1603262
	27	244	244.1	-116447	0.6	1.10	95206	22125	-117331	1485931
	28	243.9	244	-116214	0.6	1.10	95206	22081	-117286	1368645
	29	243.8	243.9	-115983	0.6	1.10	95206	22037	-117242	1251402
	30	243.7	243.8	-115751	0.6	1.10	95206	21993	-117199	1134204
Total				3368157			3631776	657560		1134204

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.232	(ft^3)	
October	1	243.6	243.7	-115520	0.6	1.10	95206	22359	-117564	1016639
	2	243.5	243.6	-115289	0.6	1.10	95206	22314	-117520	899120
	3	243.4	243.5	-115057	0.6	1.10	95206	22269	-117475	781645
	4	244.4	243.4	1161024	0.7	1.62	139968	22471	998584	1780229
	5	244.3	244.4	-117146	0.7	1.62	139968	22674	-162642	1617587
	6	244.2	244.3	-116913	0.7	1.62	139968	22628	-162597	1454990
	7	244.1	244.2	-116680	0.7	1.62	139968	22583	-162552	1292439
	8	244	244.1	-116447	0.6	1.10	95206	22538	-117744	1174695
	9	243.9	244	-116214	0.6	1.10	95206	22493	-117699	1056996
	10	243.8	243.9	-115983	0.6	1.10	95206	22448	-117654	939342
	11	243.7	243.8	-115751	0.6	1.10	95206	22404	-117609	821733
	12	244.2	243.7	581081	0.7	1.62	139968	22493	418619	1240352
	13	244.1	244.2	-116680	0.7	1.62	139968	22583	-162552	1077800
	14	244	244.1	-116447	0.7	1.62	139968	22538	-162506	915294
	15	243.9	244	-116214	0.7	1.62	139968	22493	-162462	752832
	16	243.8	243.9	-115983	0.7	1.62	139968	22448	-162417	590415
	17	243.7	243.8	-115751	0.6	1.10	95206	22404	-117609	472806
	18	243.6	243.7	-115520	0.6	1.10	95206	22359	-117564	355242
	19	243.5	243.6	-115289	0.6	1.10	95206	22314	-117520	237722
	20	243.4	243.5	-115057	0.6	1.10	95206	22269	-117475	120247
	21	243.3	243.4	-114826	0.5	0.70	60355	22224	-82579	37668
	22	243.2	243.3	-114595	0.5	0.70	60355	22180	-82534	-44866
	23	243.1	243.2	-114363	0.5	0.70	60355	22135	-82489	-127356
	24	243	243.1	-114132	0.5	0.70	60355	22090	-82445	-209800
	25	242.9	243	-113902	0.5	0.70	60355	22046	-82400	-292200
	26	242.8	242.9	-113673	0.4	0.40	34549	22001	-56550	-348750
	27	242.7	242.8	-113444	0.4	0.40	34549	21957	-56506	-405256
	28	242.6	242.7	-113216	0.4	0.40	34549	21913	-56462	-461718
	29	242.5	242.6	-112987	0.3	0.19	16830	21868	-38699	-500417
	30	242.4	242.5	-112758	0.3	0.19	16830	21824	-38654	-539071
	31	242.3	242.4	-112529	0.3	0.19	16830	21780	-38610	-577681
Total				-1596263			2762889	691101		-577681

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.152		
November	1	242.2	242.3	-112301	0.3	0.19	16830	14225	-31055	-608736
	2	242.1	242.2	-112072	0.6	1.10	95206	14196	-109402	-718137
	3	245	242.1	3343997	0.7	1.62	139968	14606	3189422	2471285
	4	244.9	245	-118546	0.7	1.62	139968	15016	-154984	2316300
	5	244.8	244.9	-118313	0.7	1.62	139968	14986	-154955	2161346
	6	244.7	244.8	-118080	0.7	1.62	139968	14957	-154925	2006420
	7	244.6	244.7	-117846	0.7	1.62	139968	14927	-154896	1851525
	8	244.5	244.6	-117613	0.6	1.10	95206	14898	-110103	1741421
	9	244.4	244.5	-117380	0.6	1.10	95206	14868	-110074	1631348
	10	244.3	244.4	-117146	0.6	1.10	95206	14839	-110044	1521303
	11	244.2	244.3	-116913	0.6	1.10	95206	14809	-110015	1411289
	12	244.1	244.2	-116680	0.5	0.70	60355	14779	-75134	1336155
	13	245	244.1	1058517	0.7	1.62	139968	14898	903651	2239806
	14	244.9	245	-118546	0.7	1.62	139968	15016	-154984	2084822
	15	244.8	244.9	-118313	0.7	1.62	139968	14986	-154955	1929867
	16	244.7	244.8	-118080	0.7	1.62	139968	14957	-154925	1774942
	17	244.6	244.7	-117846	0.7	1.62	139968	14927	-154896	1620046
	18	244.5	244.6	-117613	0.6	1.10	95206	14898	-110103	1509943
	19	244.4	244.5	-117380	0.6	1.10	95206	14868	-110074	1399869
	20	244.3	244.4	-117146	0.6	1.10	95206	14839	-110044	1289825
	21	244.2	244.3	-116913	0.6	1.10	95206	14809	-110015	1179810
	22	244.1	244.2	-116680	0.5	0.70	60355	14779	-75134	1104676
	23	244	244.1	-116447	0.5	0.70	60355	14750	-75104	1029571
	24	243.9	244	-116214	0.5	0.70	60355	14720	-75075	954496
	25	243.8	243.9	-115983	0.5	0.70	60355	14691	-75046	879451
	26	243.7	243.8	-115751	0.5	0.70	60355	14662	-75016	804434
	27	243.6	243.7	-115520	0.5	0.70	60355	14633	-74987	729447
	28	243.5	243.6	-115289	0.5	0.70	60355	14603	-74958	654489
	29	243.4	243.5	-115057	0.5	0.70	60355	14574	-74928	579561
	30	243.3	243.4	-114826	0.5	0.70	60355	14545	-74899	504662
Total				1136019			2876912	443260		504662

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.058		
December	1	243.2	243.3	-114595	0.4	0.40	34549	5545	-40094	464568
	2	243.1	243.2	-114363	0.4	0.40	34549	5534	-40083	424485
	3	243	243.1	-114132	0.3	0.19	16830	5523	-22353	402132
	4	242.9	243	-113902	0.3	0.19	16830	5511	-22342	379791
	5	242.8	242.9	-113673	0.3	0.19	16830	5500	-22330	357460
	6	242.7	242.8	-113444	0.3	0.19	16830	5489	-22319	335141
	7	242.6	242.7	-113216	0.3	0.19	16830	5478	-22308	312833
	8	242.5	242.6	-112987	0.3	0.19	16830	5467	-22297	290535
	9	242.4	242.5	-112758	0.3	0.19	16830	5456	-22286	268249
	10	243	242.4	679980	0.8	2.26	195438	5484	479058	747307
	11	242.9	243	-113902	0.7	1.62	139968	5511	-145480	601828
	12	242.8	242.9	-113673	0.7	1.62	139968	5500	-145469	456359
	13	242.7	242.8	-113444	0.7	1.62	139968	5489	-145458	310901
	14	242.6	242.7	-113216	0.7	1.62	139968	5478	-145447	165455
	15	242.5	242.6	-112987	0.7	1.62	139968	5467	-145436	20019
	16	242.4	242.5	-112758	0.6	1.10	95206	5456	-100662	-80643
	17	242.3	242.4	-112529	0.6	1.10	95206	5445	-100651	-181294
	18	242.2	242.3	-112301	0.6	1.10	95206	5434	-100640	-281933
	19	242.1	242.2	-112072	0.6	1.10	95206	5423	-100629	-382562
	20	242	242.1	-111843	0.5	0.70	60355	5412	-65766	-448328
	21	241.9	242	-111616	0.5	0.70	60355	5401	-65755	-514083
	22	241.8	241.9	-111390	0.5	0.70	60355	5390	-65744	-579828
	23	241.7	241.8	-111163	0.5	0.70	60355	5379	-65733	-645561
	24	241.6	241.7	-110937	0.5	0.70	60355	5368	-65722	-711284
	25	241.5	241.6	-110711	0.5	0.70	60355	5357	-65712	-776995
	26	241.4	241.5	-110485	0.4	0.40	34549	5346	-39895	-816890
	27	241.3	241.4	-110259	0.4	0.40	34549	5335	-39884	-856774
	28	241.2	241.3	-110033	0.4	0.40	34549	5324	-39873	-896647
	29	241.1	241.2	-109806	0.4	0.40	34549	5313	-39862	-936510
	30	241	241.1	-109580	0.4	0.40	34549	5302	-39851	-976361
	31	240.9	241	-109355	0.4	0.40	34549	5291	-39840	-1016201
Total				-2687150			2032434	168409		-1016201

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

November 18, 2013

Mr. David Rivera
LJA Engineering, Inc.
2929 Briarpark Drive, Suite 600
Houston, Texas 77042-3703

CERTIFIED MAIL

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code §11.122, Requiring Full Basin Mailed and Published Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Rivera:

This acknowledges receipt, on December 14 and December 18, 2012, of additional information for the referenced application.

Before staff can accept the protocol submitted and complete technical review, additional information is required:

1. Confirm the protocol will use the monthly maximum net evaporation rate. Staff believes that in order to protect senior and superior water rights the protocol should include the maximum net evaporation. Staff has provided a table of net evaporation rates in feet for use in determining the evaporation from the reservoir.

	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Max. Monthly Values (feet)	0.51	0.21	0.32	0.42	0.43	0.54	0.58	0.59	0.57	0.60	0.38	0.15

2. Confirm the surface area at elevation 245.25. The elevation surface area relationship used in the protocol indicates an area of 27.37 acres at elevation 245.25 yet the application indicates an area of 26.64 acres at elevation 245.25.

3. Update the Delta volume (Column E) to include all changes in storage, not just increasing volume storage.

4. Update the accounting text file to include readings that will be measured daily.

5. Staff recognizes that, on occasion, the calculation of a negative value occurs when the evaporation is greater than an inflow event. Negative values should be adjusted to zero to protect senior and superior water rights holders.

Please submit the requested information by **December 18, 2013**, or the application may be returned pursuant to Title 30 Texas Administrative Code §281.19. You have the option of having the question of sufficiency of the necessary requested data referred to the Commission for a decision instead of having the application returned; such referral shall be provided by December 18, 2013.

If you have any questions concerning this matter, please contact me by e-mail at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah Henderson, Project Manager
Water Rights Permitting & Availability Section
Water Availability Division

LJA Engineering, Inc.

2929 Briarpark Drive
Suite 600
Houston, Texas 77042-3703

Phone 713.953.5200
Fax 713.953.5026
www.ljaengineering.com

December 12, 2012

Ms. Sarah Henderson, Project Manager
Texas Commission on Environmental Quality (TCEQ)
Attn: Water Rights Permitting & Availability Section
P.O. Box 13087/MC -160
Austin, TX 78711-3087

Re: SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment
TCEQ Water Rights Permit No. 5712, Montgomery County, Texas
LJA Job No. 1282-1001 (6.0)

Dear Ms. Henderson:

On behalf of SR Superior, LLC (owner of the above mentioned facility), LJA Engineering, Inc. (LJA) would like to submit this letter to the TCEQ as a response to the letter dated October 22, 2012 indicating the request for additional information. The requested authorization is to amend the initial TCEQ water rights permit to include a water accountability monitoring program and modifications to the existing lake spillway as shown on Attachment A. The TCEQ request was to provide the protocol that will be used to ensure that state water is not used in the reservoir complex. The responses directly correlate to the numerical order of the comment letter:

1. a. ii. A reference worksheet was created by collecting data from existing lake stage storage volumes including the elevations of the lake from the top of the dam to the bottom of Lake A (all possible elevations) and the surface area of the lake in one foot intervals. Next, a second worksheet was created for daily use to keep track of lake elevations, water flow through a weir, and loss due to evaporation to determine net amount of water impounded.

iii. Year_ _ of the spreadsheet is used to determine the daily net impounded water and the current year total of water being impounded given the lake water elevation, a height reading from a weir monitoring outflow, and the daily average lake evaporation. The reference worksheet of the spreadsheet utilizes the changes in lake elevation by the tenth of a foot to determine the lake surface area and is used for the Vlookup commands in the Year_ _ worksheet.

iv. Sheet 1:

Column A
Month: represents what calendar month it is.

Column B
Day: represents what day of the month it is.

Columns C through E
Reference the water in the lake
Column C - Current Elevation (ft): A daily input of the lake's current elevation.

Column D
Previous Elevation (ft): Represents the previous day's elevation so that the change in water elevation can be determined. The value of the previous elevation is automatically generated based on the input for current elevation for the previous day. Current elevation day one is cell C4, once a number is put into that cell it is copied into cell D5, cell D5 equals cell C4. This equation is copied down the entire column so cell D6 equals cell C5, cell D7 equals cell C6 and so forth. This cell is locked and cannot be edited.

Column E
Delta Volume (ft^3): = IF(C4-D4>0,
(VLOOKUP(D3,reference!$B$2:$C$172,2)+VLOOKUP(C3,reference!$B$2:$C$172,2))/2(C3-D3),0)*

This only represents the daily increases in the lake's volume given the change in the lake water's elevation. VLOOKUP is used to find the areas that correlate with the previous elevation (D column) and current elevation (C column) from the reference sheet's B and C columns. Once these areas are found they are averaged together and multiplied by the change in height to get the change in volume. A conditional formula only allows for increases in value to be noted in the cell.

Columns F through H
Reference the outflow of water through the weir.

Column F
Height (ft): This column requires a daily input from a reading on the weir. If a reading is missed, the previous day's value will be used until a reading is taken on subsequent days.

Column G
Flow ($\frac{ft^3}{s}$): =(8/15)*(0.57)*((2*32.2)^0.5)*TAN(90/2)*F4^(5/2)

This column is generated from the equation for flow through a V-shaped weir. The equation is: $Q= \frac{8}{15} k \sqrt{2g} \tan\frac{0}{2} H^{\frac{5}{2}}$ For this exercise k is a constant, $k = 0.57$, g is gravity, $g = 32.2 \frac{ft}{s^2}$, Θ is the angle of the V-shaped weir, $\theta = 90^{\circ}$, and H is the height that is read off the weir weekly or for 3 days after a measurable increase in volume within the lake. The units for this column are $\frac{ft^3}{s}$.

Column H

24hr Volume ($\frac{ft^3}{day}$): =G4*24*60*60

This is a simple unit conversion to go from $\frac{ft^3}{s}$ to $\frac{ft^3}{day}$.

$1\frac{ft^3}{s} \times \frac{60s}{min} \times \frac{60\,min}{hr} \times \frac{24hr}{day} = 86{,}400\frac{ft^3}{day}$. The reading from the weir is only taken once a day so units have to be converted so it can represent the entire day of outflow from the lake.

Column I

Evaporation (ft^3): =
($I$3/12)*(VLOOKUP(D4,reference!$B$3:$C$173,2)+VLOOKUP(C4,reference!$B$3:$C$173,2))/2

Cell I3 is the month's daily average evaporation in inches as provided by the Texas water development board. This cell varies each month based upon the published TWDB data (see Attachment B). The evaporation in inches is then divided by 12 to change the units to feet. The daily average evaporation in feet is then multiplied by the average of the VLOOKUP for the surface areas that correlate to the Previous Elevation (Column D) and the Current Elevation (Column C).

Column J

Net Impounded Water (ft^3): = E4-H4-I4

This column is adding up the amount of water lost daily. It takes the Delta Volume, minus the 24hr Volume, minus the Evaporation. If a positive number occurs then the lake has retained water. If a negative number is produced then the lake has lost water.

Column K

Current Year Total (ft^3): =J4+K3

This takes the Net Impounded Water (Column J), and adds it with the previous total for the year. This number can be checked monthly, quarterly, or annually to get a running average to verify the lake is not retaining water.

Reference Worksheet

Column B

Elevation (ft): This is the elevation from the top of the dam to the bottom of the lake given in tenths of a foot for accuracy when used in calculations.

Column C

Area (ft^2): =($C$13-$C$3)/($B$13-$B$3)*(B4-$B$3)+$C$3

Areas were determined for elevations at every foot as determined in a CAD drawing of the lake. The tenth of foot areas in the column were interpolated based off exact feet elevations and areas.

b. A copy of the spreadsheet used to determine the lake's water impoundment showing all calculations used, basic daily data, and correct units for all columns is included as Attachment C.

c. A spreadsheet filled out with sample data is included as Attachment D to demonstrate operation of the spreadsheet protocol.

Please feel free to contact me at 713.953.5127 should you have any questions or required additional information. Thank you very much for your consideration in this matter.

Sincerely,

David A. Rivera, PE
Project Manager

DAR/dl

12-12-12

LJA FRN NO. 1386

Attachment "A"

Proposed Changes to Water Right Authorizations:

The Lone Star Groundwater Conservation District's (LGCD) regulatory requirements for achieving sustainability of the Gulf Coast Aquifer by reducing groundwater dependency within Montgomery County are the reason for this amendment request. The LGCD has reduced the owner's yearly permitted groundwater usage by 50% and the new District Regulatory Plan requires an additional 30% reduction by 2016.

The owner respectfully requests modification of the existing dam control structure by constructing one 24-inch pipe approximately 2-foot below the existing spillway elevation to provide pass-thru outfall for upstream surface runoff during normal "non-event" flows and an additional 6-inch pipe approximately 6-foot below the existing spillway elevation to provide pass-thru flows during drought conditions. Please see the attached exhibit.

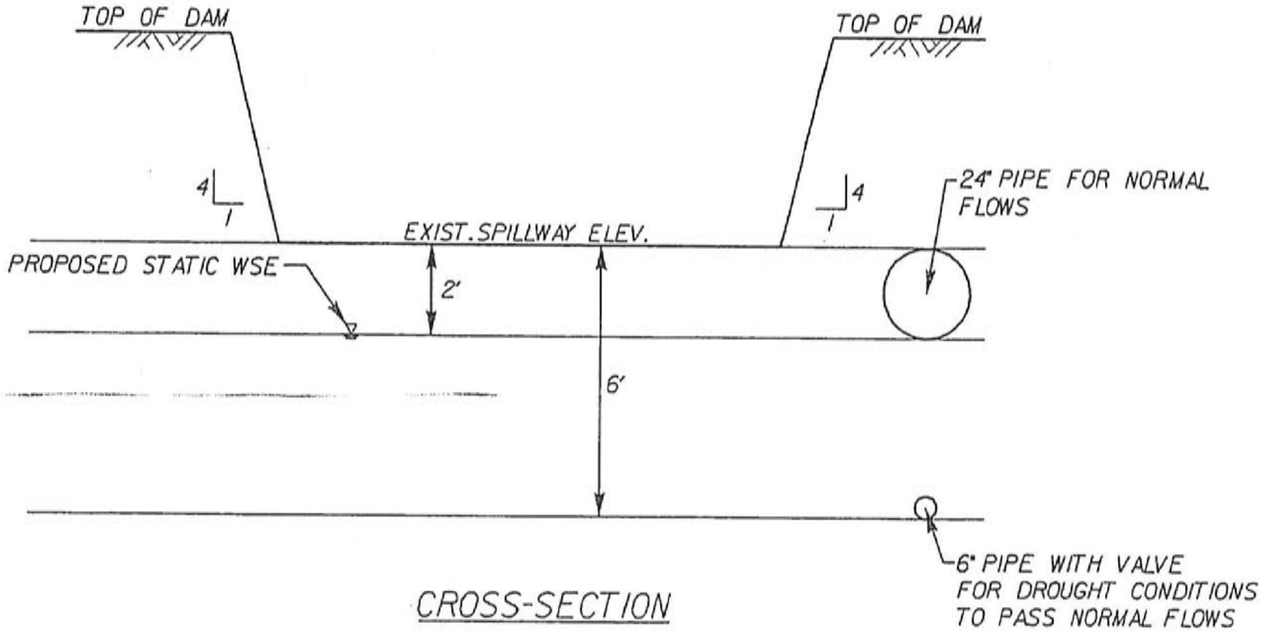
In addition, and pursuant to TCEQ request, the owner intends to develop a monitoring process, possibly weekly, to confirm that no surface water run-off is being impounded on the owner's property.

The owner respectfully requests that the following requirements be removed:

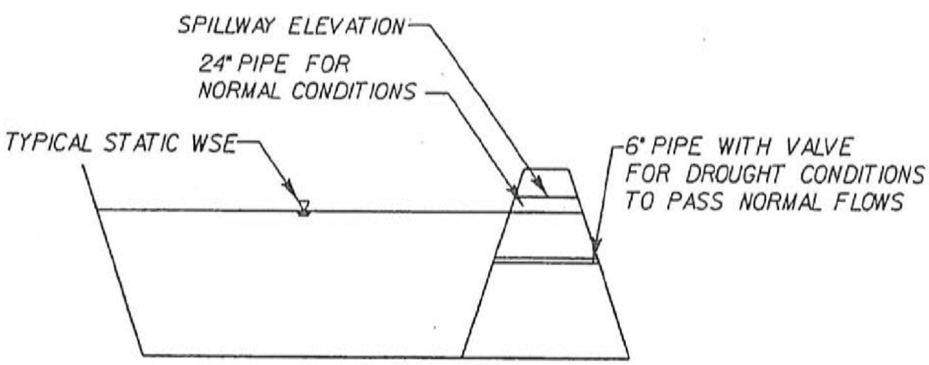
1. "WHEREAS, the applicant has indicated that the reservoir will be maintained full at all times with groundwater"
2. Under SPECIAL CONDITIONS a: "Permittee shall fill and maintain the reservoir at operating level at all times with ground water. Failure to maintain the reservoir full at all times may impact the downstream water rights and thus constitutes a violation of the permit conditions."

Attachment "A"

PROPOSED DAM "A" MODIFICATION



CROSS-SECTION



PROFILE

DATE: JULY, 2011

LJA Engineering, Inc.
2929 Briarpark Drive
Suite 600
Houston, Texas 77042
Phone 713.953.5200
Fax 713.953.5026
FRN - F-1386

ATTACHMENT "B"

Texas Water Development Board
Wed Jun 13 11:39:27 CDT 2012
Monthly lake surface evaporation in inches, annual total evaporation in inches

#QUAD	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
712	1954	1.87	3.45	4	4.21	4.9	6.8	6.56	6.56	6.39	5.13	3.34	2.82	55.94
712	1955	2.44	2.14	3.93	4.92	5.31	5.89	5.85	5.08	4.64	5.6	3.92	2.7	52.42
712	1956	2.58	2.98	3.84	4.63	5.7	5.94	8.29	7.41	6.27	4.83	3.05	2.71	58.23
712	1957	1.52	1.96	3.52	3.66	4.72	4.96	6.45	5.96	4.16	3.31	2.59	2.07	44.87
712	1958	1.76	2.13	2.98	3.7	4.27	6.01	5.45	6.03	3.07	2.73	2.06	1.46	41.64
712	1959	1.41	1.51	3.66	3.54	4.62	5.62	5.25	4.2	3.99	3.5	2.28	1.69	41.26
712	1960	1.67	1.93	2.68	3.98	5.22	6.3	5.13	3.42	4.14	2.76	2.04	1.37	40.94
712	1961	1.56	2.14	3.23	4.35	5.09	4.94	4.72	5.06	4.2	4.01	2.29	1.84	43.41
712	1962	1.77	2.62	3.49	4.06	5.12	4.57	6.03	6.53	4.11	4.34	2.81	1.9	47.34
712	1963	1.35	2.23	3.74	4.8	5.37	5.74	5.75	6.07	4.43	4.03	2.71	1.77	48
712	1964	1.79	2.36	3.2	3.93	4.6	5.86	5.82	5.55	4.25	4.38	2.59	1.96	46.38
712	1965	2.35	2.13	3.28	3.92	3.95	5.39	6.16	5.17	4.81	3.51	2.2	1.36	44.23
712	1966	1.27	2.01	3.69	3.93	3.79	6.2	6.59	5.05	4.52	3.77	3.1	1.96	45.95
712	1967	1.99	2.52	4.28	3.99	4.67	6.14	6.11	6.14	4.39	4.51	2.68	1.77	49.19
712	1968	1.74	2.06	2.94	3.31	4.49	4.23	5.38	6.03	4.26	3.75	2.75	2.01	42.96
712	1969	1.7	1.22	3.17	4.31	3.88	5.21	6.73	6.01	4.79	4.46	2.73	1.87	46.07
712	1970	1.32	2.39	2.95	3.87	4.74	5.98	6.41	6.73	4.14	3.5	2.95	2.64	47.61
712	1971	2.06	2.86	3.82	5.35	4.57	6.39	7.92	5.2	4.03	3.88	2.84	1.42	50.36
712	1972	2	2.37	3.81	4.52	4.59	5.63	5.35	4.93	4.03	3.55	2.14	1.32	44.24
712	1973	1.49	1.61	3.11	3.07	4.81	4.49	6.14	4.8	3.88	3.16	3.11	2.4	42.07
712	1974	1.59	2.76	3.5	4.64	4.82	5.32	6.64	5.09	3.47	3.56	2.26	2.01	45.67
712	1975	2.18	2.01	3.11	3.61	3.89	4.93	4.99	4.61	4.27	4.21	3.11	2.06	42.99
712	1976	2.36	2.39	3.28	3.93	4.54	5.43	4.37	5.85	4.33	3.51	2.11	1.95	44.75
712	1977	1.87	2.78	3.42	4.47	5.31	5.86	6.39	5.21	4.94	4.06	2.99	2.51	49.82
712	1978	1.58	1.81	3.63	4.41	5.12	5.62	5.91	6.24	4.11	4.75	2.62	2	47.79
712	1979	2.27	1.81	3.85	3.92	4.64	5.44	5.25	5.14	4.75	4.44	3.02	2.17	46.71
712	1980	1.69	2.43	3.46	4.8	4.91	6.85	8.02	6.95	5.29	4.38	2.71	2.04	53.52
712	1981	2.51	2.26	3.66	4.07	4.96	5.64	5.71	6.46	5.25	3.5	3.19	2.37	49.59
712	1982	1.92	2.14	3.25	3.91	4.59	6.17	6.89	6.74	5.69	4.31	3.31	2.6	51.52
712	1983	2.56	2.45	3.95	4.7	5.32	5.46	6.25	5.46	4.78	3.98	3.25	2.44	50.62
712	1984	1.98	2.97	3.99	5.28	5.86	5.93	6.44	6.1	5.03	4.86	3.63	2.91	54.97
712	1985	2.34	2.86	4.25	4.54	5.45	6.62	5.87	6.37	5.35	4.12	2.61	1.91	52.77
712	1986	2.63	2.97	4.4	4.62	5.46	5.24	6.98	6.05	4.31	3.62	1.96	1.54	49.76
712	1987	2.73	2	4.06	5.45	4.17	5.6	5.86	6.77	4.74	4.25	3.08	1.57	50.27
712	1988	1.97	2.22	2.55	4.62	5.73	5.86	6.3	6.26	5.38	4.48	2.86	1.96	51.19
712	1989	1.93	2.1	3.39	4.19	4.82	5.06	5.63	5.37	5.2	4.38	3.09	2.36	49.1
712	1990	2.02	2.3	3.1	3.73	4.83	6.99	6.08	6.81	4.76	4.14	2.59	1.63	50.65
712	1991	2.57	2.31	3.65	4.06	4.31	6.16	6.43	6.49	6.04	5.31	4.14	5.12	56.6
712	1992	3.55	2.93	3.35	4.1	3.85	5.04	5.3	5	4.53	3.68	3.11	1.71	46.16
712	1993	2.65	2.15	2.65	3.61	5.37	6.92	6.66	7.1	5.53	4.19	2.45	3.23	52.49
712	1994	2.87	3.04	3.37	3.8	5.07	6.11	7.24	5.77	6.11	6.37	3	4.83	57.57
712	1995	2.56	1.97	3.6	4.32	4.95	6.55	6.41	5.53	4.75	4.34	2.73	2.17	49.9
712	1996	2.17	2.75	3.6	5.09	5.63	5.72	6.7	5.62	4.79	4.29	2.55	3.01	51.93
712	1997	2.85	2.05	2.97	5.22	4.75	6.03	7.25	6.79	5.2	4.52	3.3	2.28	53.22
712	1998	1.95	2.6	4.22	5.54	5.03	7.28	7.97	6.68	4.97	3.93	2.3	2.05	54.52
712	1999	3.69	2.61	3.52	4.91	6.41	6.49	6.31	7.41	5.14	4.16	3.01	2.37	57.25
712	2000	2.99	2.36	3.61	4.91	6.36	5.85	7.6	7.1	6.58	3.48	4.8	3.86	59.5
712	2001	1.04	1.57	3.14	3.61	4.66	4.15	5.07	5.25	4.53	3.64	3.09	2.25	42
712	2002	1.92	2.3	3.24	3.14	5.62	5.76	5.1	5.17	5.23	3.07	2.44	2.23	47.25
712	2003	2.13	2.07	3.2	4.09	4.88	6.56	5.89	5.83	4.44	4.34	3.67	3.07	50.17
712	2004	3.14	2.68	3.73	4.19	5.01	5.2	6.02	6.93	5.43	4.14	3.38	3.26	53.13
712	2005	2.44	3.26	3.59	5.14	5.56	6.55	7	5.99	5.51	5.12	4.07	2.63	56.87
712	2006	3.42	3.05	3.94	5.25	5.85	6.75	5.62	6.89	5.3	4.37	3.5	2.65	56.6
712	2007	3.11	2.33	4	3.98	5.61	5.24	5.52	5.92	4.98	4.93	4.1	2.57	52.29
712	2008	4.06	4.19	3.57	4.81	5.1	6.59	6.68	5.44	4.74	4.08	4.39	2.65	56.3
712	2009	2.49	3.4	3.75	6.57	5.34	7.77	7.08	6.02	4.72	6.05	2.79	4.33	60.09
712	2010	2.07	1.92	3.73	4.45	5.55	6.01	5.43	6.52	4.79	4.39	2.99	3.79	52.24

ATTACHMENT "B"

MONTGOMERY COUNTY M.U.D. NO. 123 EVAPORATION CHART

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2000	2.99	2.36	3.61	4.91	6.36	5.85	7.6	7.1	6.58	3.48	4.8	3.86	59.5
2001	1.04	1.57	3.14	3.61	4.66	4.15	5.07	5.25	4.53	3.64	3.09	2.25	42
2002	1.92	2.3	3.24	5.14	5.62	5.76	5.1	5.17	5.23	3.07	2.44	2.23	47.22
2003	2.13	2.07	3.2	4.09	4.88	6.56	5.89	5.83	4.44	4.34	3.67	3.07	50.17
2004	3.14	2.68	3.73	4.19	5.01	5.2	6.02	6.93	5.43	4.14	3.38	3.26	53.11
2005	2.44	3.26	3.59	5.14	5.56	6.55	7	5.99	5.51	5.12	4.07	2.63	56.86
2006	3.42	3.05	3.94	5.25	5.85	6.75	5.62	6.89	5.3	4.37	3.5	2.65	56.59
2007	3.11	2.33	4	3.98	5.61	5.24	5.52	5.92	4.98	4.93	4.1	2.57	52.29
2008	4.06	4.19	3.57	4.81	5.1	6.59	6.68	5.44	4.74	4.08	4.39	2.65	56.3
2009	2.49	3.4	3.75	6.57	5.34	7.77	7.08	6.02	4.72	6.05	2.78	4.13	60.1
2010	2.07	1.92	3.73	4.45	5.55	6.01	5.43	6.52	4.79	4.99	2.99	3.79	52.24
Monthly Avg, in	2.62	2.65	3.59	4.74	5.41	6.04	6.09	6.1	5.11	4.38	3.56	3.01	53.31
Daily Avg, in	0.085	0.091	0.116	0.158	0.175	0.201	0.196	0.197	0.17	0.141	0.119	0.097	1.72
Hourly Avg, in	0.004	0.004	0.005	0.007	0.007	0.008	0.008	0.008	0.007	0.006	0.005	0.004	0.055

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.085	Accountability (ft^3)	Accountability (ft^3)
January	1	245.0	245.0	0		0.00	0	8405	8405	8405
	2		245.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0.0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.091	Accountability (ft^3)	Accountability (ft^3)
February	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.116		
March	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.158		
April	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.175		
May	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.201		
June	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.196		
July	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.197		
August	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.17		
September	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.141		
October	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.119		
November	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.097		
December	1		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	2		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	3		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	4		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	5		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	6		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	7		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	8		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	9		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	10		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	11		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	12		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	13		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	14		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	15		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	16		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	17		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	18		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	19		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	20		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	21		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	22		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	23		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	24		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	25		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	26		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	27		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	28		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	29		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	30		0	#N/A		0.00	0	#N/A	#N/A	#N/A
	31		0	#N/A		0.00	0	#N/A	#N/A	#N/A
Total				#N/A			0	#N/A		#N/A

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.085	(ft^3)	(ft^3)
January	1	245.0	244.0	1174964	0.4	0.40	34549	8323	1132092	1132092
	2	244.9	245.0	0	0.6	1.10	95206	8397	-103603	1028490
	3	244.8	244.9	0	0.6	1.10	95206	8381	-103586	924903
	4	244.7	244.8	0	0.6	1.10	95206	8364	-103570	821334
	5	244.6	244.7	0	0.6	1.10	95206	8347	-103553	717780
	6	244.5	244.6	0	0.6	1.10	95206	8331	-103537	614244
	7	244.4	244.5	0	0.6	1.10	95206	8314	-103520	510724
	8	244.3	244.4	0	0.6	1.10	95206	8298	-103504	407220
	9	244.2	244.3	0	0.5	0.70	60355	8281	-68636	338584
	10	244.1	244.2	0	0.5	0.70	60355	8265	-68619	269965
	11	244.0	244.1	0	0.6	1.10	95206	8248	-103454	166511
	12	243.9	244.0	0	0.6	1.10	95206	8232	-103438	63073
	13	243.8	243.9	0	0.6	1.10	95206	8215	-103421	-40348
	14	243.8	243.8	0	0.5	0.70	60355	8207	-68562	-108910
	15	243.6	243.8	0	0.5	0.70	60355	8191	-68545	-177455
	16	243.5	243.6	0	0.6	1.10	95206	8166	-103372	-280827
	17	243.4	243.5	0	0.6	1.10	95206	8150	-103356	-384183
	18	243.3	243.4	0	0.6	1.10	95206	8134	-103339	-487522
	19	243.2	243.3	0	0.6	1.10	95206	8117	-103323	-590845
	20	243.1	243.2	0	0.6	1.10	95206	8101	-103306	-694152
	21	243.0	243.1	0	0.6	1.10	95206	8084	-103290	-797442
	22	242.9	243.0	0	0.6	1.10	95206	8068	-103274	-900715
	23	242.8	242.9	0	0.6	1.10	95206	8052	-103258	-1003973
	24	242.7	242.8	0	0.5	0.70	60355	8036	-68390	-1072363
	25	242.6	242.7	0	0.4	0.40	34549	8019	-42568	-1114932
	26	244.0	242.6	1606018	0.5	0.70	60355	8126	1537538	422607
	27	243.7	244.0	0	0.7	1.62	139968	8215	-148184	274423
	28	243.4	243.7	0	0.7	1.62	139968	8166	-148135	126288
	29	243.1	243.4	0	0.7	1.62	139968	8117	-148086	-21798
	30	243.0	243.1	0	0.6	1.10	95206	8084	-103290	-125088
	31	242.7	243.0	0	0.6	1.10	95206	8052	-103258	-228345
Total				2780982			2755245	254082		-228345

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.091	(ft^3)	(ft^3)
February	1	243.3	242.7	684121	0.6	1.10	95206	8647	580269	351924
	2	243.2	243.3	0	0.6	1.10	95206	8690	-103896	248028
	3	243.1	243.2	0	0.5	0.70	60355	8673	-69027	179001
	4	243	243.1	0	0.4	0.40	34549	8655	-43204	135797
	5	242.9	243	0	0.4	0.40	34549	8638	-43187	92610
	6	242.8	242.9	0	0.3	0.19	16830	8620	-25450	67160
	7	242.5	242.8	0	0.3	0.19	16830	8586	-25416	41744
	8	243	242.5	567222	0.6	1.10	95206	8603	463414	505158
	9	242.4	243	0	0.6	1.10	95206	8594	-103800	401358
	10	242.3	242.4	0	0.6	1.10	95206	8533	-103739	297619
	11	242.1	242.3	0	0.6	1.10	95206	8507	-103713	193905
	12	242	242.1	0	0.5	0.70	60355	8481	-68836	125069
	13	241.9	242	0	0.5	0.70	60355	8464	-68819	56251
	14	241.8	241.9	0	0.5	0.70	60355	8447	-68802	-12551
	15	241.7	241.8	0	0.5	0.70	60355	8430	-68784	-81335
	16	241.6	241.7	0	0.5	0.70	60355	8413	-68767	-150103
	17	241.5	241.6	0	0.4	0.40	34549	8396	-42945	-193047
	18	241.4	241.5	0	0.4	0.40	34549	8378	-42927	-235975
	19	241.3	241.4	0	0.4	0.40	34549	8361	-42910	-278885
	20	241.2	241.3	0	0.4	0.40	34549	8344	-42893	-321778
	21	241.1	241.2	0	0.4	0.40	34549	8327	-42876	-364654
	22	241	241.1	0	0.3	0.19	16830	8310	-25140	-389794
	23	240.9	241	0	0.3	0.19	16830	8293	-25123	-414917
	25	240.8	240.9	0	0.3	0.19	16830	8276	-25106	-440023
	26	240.7	240.8	0	0.3	0.19	16830	8259	-25089	-465112
	27	240.6	240.7	0	0.4	0.40	34549	8242	-42791	-507902
	28	240.5	240.6	0	0.4	0.40	34549	8225	-42774	-550676
	29	240.4	240.5	0	0.3	0.19	16830	8208	-25038	-575714
Total				1251343			1362113	236599		-575714

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.116		
March	1	241.8	240.4	1535800	0.5	0.70	60355	10604	1464841	889127
	2	241.7	241.8	0	0.5	0.70	60355	10746	-71100	818027
	3	241.5	241.7	0	0.5	0.70	60355	10713	-71068	746959
	4	243	241.5	1684607	0.5	0.70	60355	10856	1613396	2360355
	5	242.9	243	0	0.6	1.10	95206	11011	-106216	2254139
	6	242.8	242.9	0	0.5	0.70	60355	10988	-71343	2182796
	7	242.7	242.8	0	0.4	0.40	34549	10966	-45515	2137281
	8	242.6	242.7	0	0.4	0.40	34549	10944	-45493	2091788
	9	242.5	242.6	0	0.4	0.40	34549	10922	-45471	2046317
	10	242.4	242.5	0	0.4	0.40	34549	10900	-45449	2000868
	11	242.3	242.4	0	0.4	0.40	34549	10878	-45427	1955441
	12	242.2	242.3	0	0.4	0.40	34549	10856	-45405	1910036
	13	242.1	242.2	0	0.4	0.40	34549	10834	-45383	1864654
	14	242	242.1	0	0.4	0.40	34549	10812	-45360	1819293
	15	241.9	242	0	0.4	0.40	34549	10790	-45338	1773955
	16	241.8	241.9	0	0.6	1.10	95206	10768	-105973	1667981
	17	243.7	241.8	2155667	0.7	1.62	139968	10967	2004731	3672712
	18	243.6	243.7	0	0.7	1.62	139968	11167	-151135	3521577
	19	243.5	243.6	0	0.7	1.62	139968	11145	-151113	3370464
	20	243.4	243.5	0	0.7	1.62	139968	11122	-151091	3219373
	21	243.3	243.4	0	0.7	1.62	139968	11100	-151068	3068305
	22	243.2	243.3	0	0.7	1.62	139968	11077	-151046	2917259
	23	243.1	243.2	0	0.7	1.62	139968	11055	-151024	2766235
	24	243	243.1	0	0.6	1.10	95206	11033	-106238	2659997
	25	242.9	243	0	0.6	1.10	95206	11011	-106216	2553780
	26	242.8	242.9	0	0.6	1.10	95206	10988	-106194	2447586
	27	242.7	242.8	0	0.6	1.10	95206	10966	-106172	2341414
	28	242.6	242.7	0	0.6	1.10	95206	10944	-106150	2235264
	29	242.5	242.6	0	0.6	1.10	95206	10922	-106128	2129137
	30	242.4	242.5	0	0.6	1.10	95206	10900	-106106	2023031
	31	243.5	242.4	1252993	0.6	1.10	95206	11011	1146776	3169807
Total				6629067			2544550	338996		3169807

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.158		
April	1	242.3	243.5	0	0.6	1.10	95206	14983	-110189	3059618
	2	242.2	242.3	0	0.5	0.70	60355	14786	-75141	2984478
	3	242.1	242.2	0	0.5	0.70	60355	14756	-75111	2909367
	4	242	242.1	0	0.5	0.70	60355	14726	-75081	2834286
	5	241.9	242	0	0.5	0.70	60355	14696	-75051	2759236
	6	241.8	241.9	0	0.5	0.70	60355	14666	-75021	2684215
	7	241.7	241.8	0	0.3	0.19	16830	14637	-31467	2652748
	8	241.5	241.7	0	0.3	0.19	16830	14592	-31422	2621326
	9	243	241.5	1684607	0.6	1.10	95206	14787	1574614	4195940
	10	242.9	243	0	0.6	1.10	95206	14997	-110203	4085737
	11	242.8	242.9	0	0.6	1.10	95206	14967	-110173	3975565
	12	242.7	242.8	0	0.6	1.10	95206	14937	-110143	3865422
	13	242.6	242.7	0	0.6	1.10	95206	14907	-110112	3755310
	14	242.5	242.6	0	0.6	1.10	95206	14877	-110082	3645227
	15	242.4	242.5	0	0.6	1.10	95206	14846	-110052	3535175
	16	242.3	242.4	0	0.5	0.70	60355	14816	-75171	3460004
	17	242.2	242.3	0	0.5	0.70	60355	14786	-75141	3384863
	18	242.1	242.2	0	0.5	0.70	60355	14756	-75111	3309753
	19	242	242.1	0	0.5	0.70	60355	14726	-75081	3234672
	20	241.9	242	0	0.5	0.70	60355	14696	-75051	3159621
	21	241.8	241.9	0	0.4	0.40	34549	14666	-49215	3110406
	22	242.4	241.8	671761	0.6	1.10	95206	14741	561814	3672220
	23	242.3	242.4	0	0.6	1.10	95206	14816	-110022	3562198
	24	242.2	242.3	0	0.6	1.10	95206	14786	-109992	3452206
	25	242.1	242.2	0	0.6	1.10	95206	14756	-109962	3342244
	26	242	242.1	0	0.6	1.10	95206	14726	-109932	3232312
	27	241.9	242	0	0.5	0.70	60355	14696	-75051	3157261
	28	241.8	241.9	0	0.5	0.70	60355	14666	-75021	3082241
	29	241.7	241.8	0	0.5	0.70	60355	14637	-74991	3007250
	30	241.6	241.7	0	0.5	0.70	60355	14607	-74961	2932288
Total				2356368			2150848	443039		2932288

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.175	(ft^3)	
May	1	241.5	241.6	0	0.4	0.40	34549	16145	-50694	2881594
	2	241.4	241.5	0	0.4	0.40	34549	16112	-50661	2830933
	3	241.3	241.4	0	0.5	0.70	60355	16079	-76434	2754499
	4	241.2	241.3	0	0.5	0.70	60355	16046	-76401	2678098
	5	241.1	241.2	0	0.3	0.19	16830	16013	-32844	2645254
	6	241	241.1	0	0.4	0.40	34549	15980	-50529	2594725
	7	240.9	241	0	0.3	0.19	16830	15948	-32778	2561947
	8	240.8	240.9	0	0.3	0.19	16830	15915	-32745	2529202
	9	240.7	240.8	0	0.4	0.40	34549	15882	-50431	2478771
	10	241.5	240.7	877573	0.5	0.70	60355	15997	801221	3279992
	11	241.4	241.5	0	0.6	1.10	95206	16112	-111318	3168674
	12	241.3	241.4	0	0.6	1.10	95206	16079	-111285	3057388
	13	241.2	241.3	0	0.6	1.10	95206	16046	-111252	2946136
	14	241.1	241.2	0	0.5	0.70	60355	16013	-76368	2869768
	15	241	241.1	0	0.5	0.70	60355	15980	-76335	2793433
	16	240.9	241	0	0.5	0.70	60355	15948	-76302	2717131
	17	240.8	240.9	0	0.4	0.40	34549	15915	-50464	2666667
	18	240.7	240.8	0	0.4	0.40	34549	15882	-50431	2616236
	19	240.6	240.7	0	0.4	0.40	34549	15850	-50399	2565837
	20	241.6	240.6	1096978	0.5	0.70	60355	15998	1020626	3586463
	21	241.5	241.6	0	0.6	1.10	95206	16145	-111351	3475112
	22	241.4	241.5	0	0.6	1.10	95206	16112	-111318	3363794
	23	241.3	241.4	0	0.6	1.10	95206	16079	-111285	3252509
	24	241.2	241.3	0	0.5	0.70	60355	16046	-76401	3176108
	25	241.1	241.2	0	0.5	0.70	60355	16013	-76368	3099740
	26	241	241.1	0	0.5	0.70	60355	15980	-76335	3023405
	27	240.9	241	0	0.5	0.70	60355	15948	-76302	2947102
	28	240.8	240.9	0	0.4	0.40	34549	15915	-50464	2896639
	29	240.7	240.8	0	0.4	0.40	34549	15882	-50431	2846207
	30	240.6	240.7	0	0.4	0.40	34549	15850	-50399	2795809
	31	240.5	240.6	0	0.3	0.19	16830	15817	-32647	2763161
Total				1974551			1647945	495733		2763161

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.201	(ft^3)	
June	1	240.3	240.5	0	0.3	0.19	16830	18111	-34941	2728221
	2	240.2	240.3	0	0.3	0.19	16830	18054	-34885	2693336
	3	240.1	240.2	0	0.3	0.19	16830	18017	-34847	2658489
	4	240	240.1	0	0.3	0.19	16830	17979	-34810	2623679
	5	239.9	240	0	0.3	0.19	16830	17942	-34772	2588907
	6	239.8	239.9	0	0.3	0.19	16830	17905	-34735	2554172
	7	239.7	239.8	0	0.3	0.19	16830	17868	-34698	2519474
	8	239.6	239.7	0	0.3	0.19	16830	17830	-34661	2484814
	9	245	239.6	6075068	2	22.35	1931346	18844	4124878	6609692
	10	244.9	245	0	0.7	1.62	139968	19856	-159825	6449867
	11	244.8	244.9	0	0.7	1.62	139968	19817	-159786	6290081
	12	244.7	244.8	0	0.7	1.62	139968	19778	-159747	6130335
	13	244.6	244.7	0	0.7	1.62	139968	19739	-159708	5970627
	14	244.5	244.6	0	0.7	1.62	139968	19700	-159669	5810958
	15	244.4	244.5	0	0.6	1.10	95206	19661	-114867	5696091
	16	244.3	244.4	0	0.6	1.10	95206	19622	-114828	5581264
	17	244.2	244.3	0	0.6	1.10	95206	19583	-114789	5466475
	18	244.1	244.2	0	0.6	1.10	95206	19544	-114750	5351725
	19	244	244.1	0	0.6	1.10	95206	19505	-114711	5237015
	20	243.9	244	0	0.6	1.10	95206	19466	-114672	5122343
	21	243.8	243.9	0	0.6	1.10	95206	19427	-114633	5007710
	22	243.7	243.8	0	0.6	1.10	95206	19388	-114594	4893116
	23	245	243.7	1522942	1.7	14.89	1286493	19623	216827	5109943
	24	244.9	245	0	0.7	1.62	139968	19856	-159825	4950118
	25	244.8	244.9	0	0.7	1.62	139968	19817	-159786	4790332
	26	244.7	244.8	0	0.7	1.62	139968	19778	-159747	4630585
	27	244.6	244.7	0	0.7	1.62	139968	19739	-159708	4470877
	28	244.5	244.6	0	0.7	1.62	139968	19700	-159669	4311209
	29	244.4	244.5	0	0.7	1.62	139968	19661	-159630	4151579
	30	244.3	244.4	0	0.7	1.62	139968	19622	-159590	3991989
Total				7598010			5793747	575436		3991989

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.196	(ft^3)	
July	1	244.2	244.3	0	0.6	1.10	95206	19096	-114302	3877687
	2	244.1	244.2	0	0.8	2.26	195438	19058	-214496	3663191
	3	244	244.1	0	0.6	1.10	95206	19020	-114225	3548966
	4	243.9	244	0	0.6	1.10	95206	18982	-114187	3434778
	5	243.8	243.9	0	0.6	1.10	95206	18944	-114150	3320629
	6	243.7	243.8	0	0.6	1.10	95206	18906	-114112	3206517
	7	243.6	243.7	0	0.6	1.10	95206	18868	-114074	3092443
	8	243.5	243.6	0	0.6	1.10	95206	18831	-114036	2978407
	9	243.4	243.5	0	0.6	1.10	95206	18793	-113998	2864408
	10	243.3	243.4	0	0.6	1.10	95206	18755	-113961	2750448
	11	243.2	243.3	0	0.6	1.10	95206	18717	-113923	2636525
	12	243.1	243.2	0	0.6	1.10	95206	18679	-113885	2522640
	13	245	243.1	2212650	1.5	10.89	940834	19021	1252795	3775435
	14	244.9	245	0	0.7	1.62	139968	19363	-159331	3616104
	15	244.8	244.9	0	0.7	1.62	139968	19324	-159293	3456811
	16	244.7	244.8	0	0.7	1.62	139968	19286	-159255	3297556
	17	244.6	244.7	0	0.7	1.62	139968	19248	-159217	3138339
	18	244.5	244.6	0	0.7	1.62	139968	19210	-159179	2979161
	19	244.4	244.5	0	0.6	1.10	95206	19172	-114378	2864783
	20	244.3	244.4	0	0.6	1.10	95206	19134	-114340	2750443
	21	244.2	244.3	0	0.6	1.10	95206	19096	-114302	2636142
	22	244.1	244.2	0	0.6	1.10	95206	19058	-114263	2521878
	23	244	244.1	0	0.6	1.10	95206	19020	-114225	2407653
	24	243.9	244	0	0.6	1.10	95206	18982	-114187	2293466
	25	243.8	243.9	0	0.6	1.10	95206	18944	-114150	2179316
	26	243.7	243.8	0	0.6	1.10	95206	18906	-114112	2065204
	27	243.6	243.7	0	0.6	1.10	95206	18868	-114074	1951130
	28	243.5	243.6	0	0.6	1.10	95206	18831	-114036	1837094
	29	243.4	243.5	0	0.6	1.10	95206	18793	-113998	1723095
	30	243.3	243.4	0	0.6	1.10	95206	18755	-113961	1609135
	31	243.2	243.3	0	0.6	1.10	95206	18717	-113923	1495212
Total				2212650			4121053	588375		1495212

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.197	(ft^3)	
August	1	243.1	243.2	0	0.6	1.10	95206	18775	-113980	1381231
	2	243	243.1	0	0.6	1.10	95206	18737	-113942	1267289
	3	242.9	243	0	0.6	1.10	95206	18699	-113905	1153384
	4	242.8	242.9	0	0.6	1.10	95206	18661	-113867	1039517
	5	242.7	242.8	0	0.6	1.10	95206	18624	-113830	925688
	6	242.6	242.7	0	0.6	1.10	95206	18586	-113792	811896
	7	242.5	242.6	0	0.6	1.10	95206	18549	-113754	698141
	8	242.4	242.5	0	0.6	1.10	95206	18511	-113717	584425
	9	242.3	242.4	0	0.6	1.10	95206	18474	-113679	470745
	10	242.2	242.3	0	0.6	1.10	95206	18436	-113642	357103
	11	242.1	242.2	0	0.6	1.10	95206	18398	-113604	243499
	12	242	242.1	0	0.5	0.70	60355	18361	-78715	164784
	13	241.9	242	0	0.5	0.70	60355	18324	-78678	86106
	14	241.8	241.9	0	0.5	0.70	60355	18286	-78641	7465
	15	241.7	241.8	0	0.5	0.70	60355	18249	-78604	-71139
	16	241.6	241.7	0	0.5	0.70	60355	18212	-78567	-149706
	17	241.5	241.6	0	0.5	0.70	60355	18175	-78530	-228236
	18	241.4	241.5	0	0.5	0.70	60355	18138	-78492	-306728
	19	241.3	241.4	0	0.5	0.70	60355	18101	-78455	-385183
	20	241.2	241.3	0	0.5	0.70	60355	18064	-78418	-463602
	21	241.1	241.2	0	0.4	0.40	34549	18027	-52576	-516177
	22	241	241.1	0	0.4	0.40	34549	17989	-52538	-568716
	23	240.9	241	0	0.4	0.40	34549	17952	-52501	-621217
	24	241.4	240.9	549037	0.5	0.70	60355	18027	470656	-150561
	25	241.3	241.4	0	0.5	0.70	60355	18101	-78455	-229016
	26	241.2	241.3	0	0.5	0.70	60355	18064	-78418	-307434
	27	241.1	241.2	0	0.5	0.70	60355	18027	-78381	-385816
	28	241	241.1	0	0.4	0.40	34549	17989	-52538	-438354
	29	240.9	241	0	0.4	0.40	34549	17952	-52501	-490855
	30	240.8	240.9	0	0.4	0.40	34549	17916	-52465	-543320
	31	240.7	240.8	0	0.4	0.40	34549	17879	-52428	-595748
Total				549037			2073715	566282		-595748

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.17	Accountability (ft^3)	Accountability (ft^3)
September	1	240.6	240.7	0	0.4	0.40	34549	15397	-49946	-645694
	2	240.5	240.6	0	0.6	1.10	95206	15365	-110571	-756265
	3	240.4	240.5	0	0.5	0.70	60355	15333	-75688	-831952
	4	240.3	240.4	0	0.4	0.40	34549	15302	-49851	-881803
	5	240.2	240.3	0	0.4	0.40	34549	15270	-49819	-931622
	6	240.1	240.2	0	0.4	0.40	34549	15238	-49787	-981409
	7	245	240.1	5539811	1.1	5.01	433278	16016	5090516	4109107
	8	244.9	245	0	0.7	1.62	139968	16794	-156762	3952345
	9	244.8	244.9	0	0.7	1.62	139968	16761	-156729	3795615
	10	244.7	244.8	0	0.7	1.62	139968	16728	-156696	3638919
	11	244.6	244.7	0	0.7	1.62	139968	16695	-156663	3482255
	12	244.5	244.6	0	0.7	1.62	139968	16662	-156630	3325625
	13	244.4	244.5	0	0.6	1.10	95206	16629	-111835	3213791
	14	244.3	244.4	0	0.6	1.10	95206	16596	-111801	3101989
	15	244.2	244.3	0	0.6	1.10	95206	16563	-111768	2990221
	16	244.1	244.2	0	0.6	1.10	95206	16530	-111735	2878485
	17	245	244.1	1058517	0.9	3.04	262356	16662	779499	3657985
	18	244.9	245	0	0.8	2.26	195438	16794	212232	3445752
	19	244.8	244.9	0	0.7	1.62	139968	16761	-156729	3289023
	20	244.7	244.8	0	0.7	1.62	139968	16728	-156696	3132326
	21	244.6	244.7	0	0.7	1.62	139968	16695	-156663	2975663
	22	244.5	244.6	0	0.7	1.62	139968	16662	-156630	2819033
	23	244.4	244.5	0	0.7	1.62	139968	16629	-156597	2662436
	24	244.3	244.4	0	0.6	1.10	95206	16596	-111801	2550634
	25	244.2	244.3	0	0.6	1.10	95206	16563	-111768	2438866
	26	244.1	244.2	0	0.6	1.10	95206	16530	-111735	2327130
	27	244	244.1	0	0.6	1.10	95206	16497	-111702	2215428
	28	243.9	244	0	0.6	1.10	95206	16464	-111669	2103758
	29	243.8	243.9	0	0.6	1.10	95206	16431	-111637	1992122
	30	243.7	243.8	0	0.6	1.10	95206	16398	-111604	1880518
Total				6598328			3631776	490286		1880518

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.141	Accountability (ft^3)	Accountability (ft^3)
October	1	243.6	243.7	0	0.6	1.10	95206	13574	-108779	1771739
	2	243.5	243.6	0	0.6	1.10	95206	13546	-108752	1662986
	3	243.4	243.5	0	0.6	1.10	95206	13519	-108725	1554261
	4	244.4	243.4	1161024	0.7	1.62	139968	13642	1007414	2561675
	5	244.3	244.4	0	0.7	1.62	139968	13765	-153733	2407942
	6	244.2	244.3	0	0.7	1.62	139968	13737	-153706	2254236
	7	244.1	244.2	0	0.7	1.62	139968	13710	-153678	2100558
	8	244	244.1	0	0.6	1.10	95206	13682	-108888	1991670
	9	243.9	244	0	0.6	1.10	95206	13655	-108861	1882809
	10	243.8	243.9	0	0.6	1.10	95206	13628	-108834	1773975
	11	243.7	243.8	0	0.6	1.10	95206	13601	-108807	1665169
	12	244.2	243.7	581081	0.7	1.62	139968	13655	427457	2092626
	13	244.1	244.2	0	0.7	1.62	139968	13710	-153678	1938947
	14	244	244.1	0	0.7	1.62	139968	13682	-153651	1785296
	15	243.9	244	0	0.7	1.62	139968	13655	-153624	1631673
	16	243.8	243.9	0	0.7	1.62	139968	13628	-153596	1478076
	17	243.7	243.8	0	0.6	1.10	95206	13601	-108807	1369270
	18	243.6	243.7	0	0.6	1.10	95206	13574	-108779	1260490
	19	243.5	243.6	0	0.6	1.10	95206	13546	-108752	1151738
	20	243.4	243.5	0	0.6	1.10	95206	13519	-108725	1043013
	21	243.3	243.4	0	0.5	0.70	60355	13492	-73847	969167
	22	243.2	243.3	0	0.5	0.70	60355	13465	-73819	895347
	23	243.1	243.2	0	0.5	0.70	60355	13438	-73792	821555
	24	243	243.1	0	0.5	0.70	60355	13411	-73765	747790
	25	242.9	243	0	0.5	0.70	60355	13383	-73738	674052
	26	242.8	242.9	0	0.4	0.40	34549	13357	-47906	626146
	27	242.7	242.8	0	0.4	0.40	34549	13330	-47879	578268
	28	242.6	242.7	0	0.4	0.40	34549	13303	-47852	530416
	29	242.5	242.6	0	0.3	0.19	16830	13276	-30106	500310
	30	242.4	242.5	0	0.3	0.19	16830	13249	-30079	470231
	31	242.3	242.4	0	0.3	0.19	16830	13222	-30052	440178
Total				1742105			2762889	419556		440178

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.119	(ft^3)	(ft^3)
November	1	242.2	242.3	0	0.3	0.19	16830	11136	-27967	412212
	2	242.1	242.2	0	0.6	1.10	95206	11114	-106320	305892
	3	245	242.1	3343997	0.7	1.62	139968	11435	3192593	3498485
	4	244.9	245	0	0.7	1.62	139968	11756	-151724	3346761
	5	244.8	244.9	0	0.7	1.62	139968	11733	-151701	3195060
	6	244.7	244.8	0	0.7	1.62	139968	11710	-151678	3043382
	7	244.6	244.7	0	0.7	1.62	139968	11686	-151655	2891727
	8	244.5	244.6	0	0.6	1.10	95206	11663	-106869	2784858
	9	244.4	244.5	0	0.6	1.10	95206	11640	-106846	2678012
	10	244.3	244.4	0	0.6	1.10	95206	11617	-106823	2571189
	11	244.2	244.3	0	0.6	1.10	95206	11594	-106800	2464390
	12	244.1	244.2	0	0.5	0.70	60355	11571	-71925	2392464
	13	245	244.1	1058517	0.7	1.62	139968	11663	906886	3299350
	14	244.9	245	0	0.7	1.62	139968	11756	-151724	3147626
	15	244.8	244.9	0	0.7	1.62	139968	11733	-151701	2995925
	16	244.7	244.8	0	0.7	1.62	139968	11710	-151678	2844247
	17	244.6	244.7	0	0.7	1.62	139968	11686	-151655	2692592
	18	244.5	244.6	0	0.6	1.10	95206	11663	-106869	2585723
	19	244.4	244.5	0	0.6	1.10	95206	11640	-106846	2478877
	20	244.3	244.4	0	0.6	1.10	95206	11617	-106823	2372054
	21	244.2	244.3	0	0.6	1.10	95206	11594	-106800	2265254
	22	244.1	244.2	0	0.5	0.70	60355	11571	-71925	2193329
	23	244	244.1	0	0.5	0.70	60355	11548	-71902	2121427
	24	243.9	244	0	0.5	0.70	60355	11525	-71879	2049548
	25	243.8	243.9	0	0.5	0.70	60355	11502	-71856	1977692
	26	243.7	243.8	0	0.5	0.70	60355	11479	-71833	1905858
	27	243.6	243.7	0	0.5	0.70	60355	11456	-71810	1834048
	28	243.5	243.6	0	0.5	0.70	60355	11433	-71787	1762261
	29	243.4	243.5	0	0.5	0.70	60355	11410	-71764	1690496
	30	243.3	243.4	0	0.5	0.70	60355	11387	-71741	1618755
Total				4402514			2876912	347026		1618755

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.097	(ft^3)	(ft^3)
December	1	243.2	243.3	0	0.4	0.40	34549	9263	-43812	1574943
	2	243.1	243.2	0	0.4	0.40	34549	9244	-43793	1531149
	3	243	243.1	0	0.3	0.19	16830	9226	-26056	1505094
	4	242.9	243	0	0.3	0.19	16830	9207	-26037	1479056
	5	242.8	242.9	0	0.3	0.19	16830	9189	-26019	1453038
	6	242.7	242.8	0	0.3	0.19	16830	9170	-26000	1427037
	7	242.6	242.7	0	0.3	0.19	16830	9152	-25982	1401056
	8	242.5	242.6	0	0.3	0.19	16830	9133	-25963	1375092
	9	242.4	242.5	0	0.3	0.19	16830	9115	-25945	1349148
	10	243	242.4	679980	0.8	2.26	195438	9161	475381	1824529
	11	242.9	243	0	0.7	1.62	139968	9207	-149176	1675353
	12	242.8	242.9	0	0.7	1.62	139968	9189	-149157	1526196
	13	242.7	242.8	0	0.7	1.62	139968	9170	-149139	1377058
	14	242.6	242.7	0	0.7	1.62	139968	9152	-149120	1227938
	15	242.5	242.6	0	0.7	1.62	139968	9133	-149102	1078836
	16	242.4	242.5	0	0.6	1.10	95206	9115	-104320	974516
	17	242.3	242.4	0	0.6	1.10	95206	9096	-104302	870214
	18	242.2	242.3	0	0.6	1.10	95206	9078	-104283	765930
	19	242.1	242.2	0	0.6	1.10	95206	9059	-104265	661666
	20	242	242.1	0	0.5	0.70	60355	9041	-69395	592270
	21	241.9	242	0	0.5	0.70	60355	9022	-69377	522894
	22	241.8	241.9	0	0.5	0.70	60355	9004	-69359	453535
	23	241.7	241.8	0	0.5	0.70	60355	8986	-69340	384195
	24	241.6	241.7	0	0.5	0.70	60355	8967	-69322	314873
	25	241.5	241.6	0	0.5	0.70	60355	8949	-69304	245569
	26	241.4	241.5	0	0.4	0.40	34549	8931	-43480	202089
	27	241.3	241.4	0	0.4	0.40	34549	8913	-43462	158628
	28	241.2	241.3	0	0.4	0.40	34549	8894	-43443	115184
	29	241.1	241.2	0	0.4	0.40	34549	8876	-43425	71759
	30	241	241.1	0	0.4	0.40	34549	8858	-43407	28353
	31	240.9	241	0	0.4	0.40	34549	8840	-43389	-15036
Total				679980			2032434	281337		-15036

LJA Engineering, Inc.

2929 Briarpark Drive
Suite 600
Houston, Texas 77042-3703

Phone 713.953.5200
Fax 713.953.5026
www.ljaengineering.com

June 27, 2012

Ms. Sarah Henderson, Project Manager
Texas Commission on Environmental Quality (TCEQ)
Attn: Water Rights Permitting & Availability Section
P.O. Box 13087/MC-160
Austin, Texas 78711-3087

Re: SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment
TCEQ Water Rights Permit No. 5712, Montgomery County, Texas
LJA Job No. 1282-1001 (6.0)

Dear Ms. Henderson:

On behalf of SR Superior, LLC (owner of the above mentioned facility), LJA Engineering, Inc. (LJA) would like to submit this letter to the TCEQ as a response to the letter dated April, 3 2012 indicating the request for additional information. The responses directly correlate to the numerical order of the comment letter:

2. Additional information requested as outlined below.

   a. The purpose of flow measurements is to provide a representation of the long term net balance of flows into and out of the Lake "A" watershed. Recently it has been determined that the most effective way to account for the water flowing into Lake "A" is to establish a stage storage measurement that would be monitored on a daily basis. Increases in lake volume will be converted to a storage volume and accounted for at the discharge point just below the lake using the v-notch weir flow calculation. The frequency of measurements at the v-notch weir is proposed at one week intervals or for three days after any measurable increase in volume within the lake.

   b. Monthly, quarterly, and annual running averages for net balance of flow will be calculated after each flow measurement and updated as on a weekly basis. For example, any increase in lake level will be used to establish a volume that will be accounted for at the discharge point immediately downstream from the weir location. The flows measured at the v-notch weir will be averaged over a one week period of time and used to calculate a volume of water released over that period of time. These values will be added to a spreadsheet that calculates a net gain or loss from the lake.

   c. Lake evaporation will be taken into consideration when calculating the net discharge from the site utilizing the average Texas Water Development Board monthly evaporation rates for Region 712 between the years of 2000 & 2010. These rates are shown in Attachment "A". Lake "A" is 28 acres in size and has an average loss rate of 0.13 CFS. This value will be adjusted accordingly depending on the time of year reading is taken. Please note that the majority of the lakes in Skye Ranch have been opened up and no longer impound water. Attachment "B" defines those lakes that no longer hold water.

d. The height of the steel weir plate is proposed to be 3-ft in height from the bottom of the notch to the top of the weir. The bottom of the weir will be at the flow line of the downstream stream/channel bed. The proposed 3-ft tall weirs can measure flow up to 37.97 ft^3/sec. Flows above 37.97 ft^3/sec are assumed to be pass through flow.

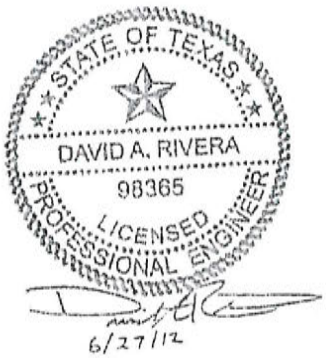
Please feel free to contact me should you have any questions or require additional information. Thank you very much for your consideration in this matter.

Sincerely,

David A. Rivera, PE
Project Manager

DAR/dl

Attachment(s)



BETH VANDORE
713.653.5790

CATHY @ ALEXANDER
512.239.0773

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 3, 2012

Mr. Adam Cohen
LJA Engineering, Inc.
2929 Briarpark Drive, Suite 600
Houston, Texas 77042-3703

CERTIFIED MAIL

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code §11.122, Requiring Full Basin Mailed and Published Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Cohen:

This acknowledges receipt, on March 9 and 15, 2012, of additional information.

Additional information is required before the application can be declared administratively complete.

1. Confirm that all inflows of state water will be passed should they be required to satisfy senior and superior water rights. Note that there is no distinction between base flows and other types of flow.

Please submit the requested information by **May 4, 2012**, or the application may be returned pursuant to Title 30 Texas Administrative Code §281.18.

2. Prior to completion of technical review, provide the following information:
   a. Explain how a weekly reading of an instantaneous flow measurement will indicate that no flows have been impounded.
   b. Explain the running quarterly average calculation.
   c. Explain how the evaporation will be determined and used.
   d. Indicate the height of the steel weir plate above the flowline.

If you have any questions concerning this matter, please contact me by e-mail at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah Henderson, Project Manager
Water Rights Permitting & Availability Section
Water Availability Division

Attachment 'A'

Texas Water Development Board
Wed Jun 13 11:38:27 CDT 2012
Monthly lake surface evaporation in inches, annual total evaporation in inches

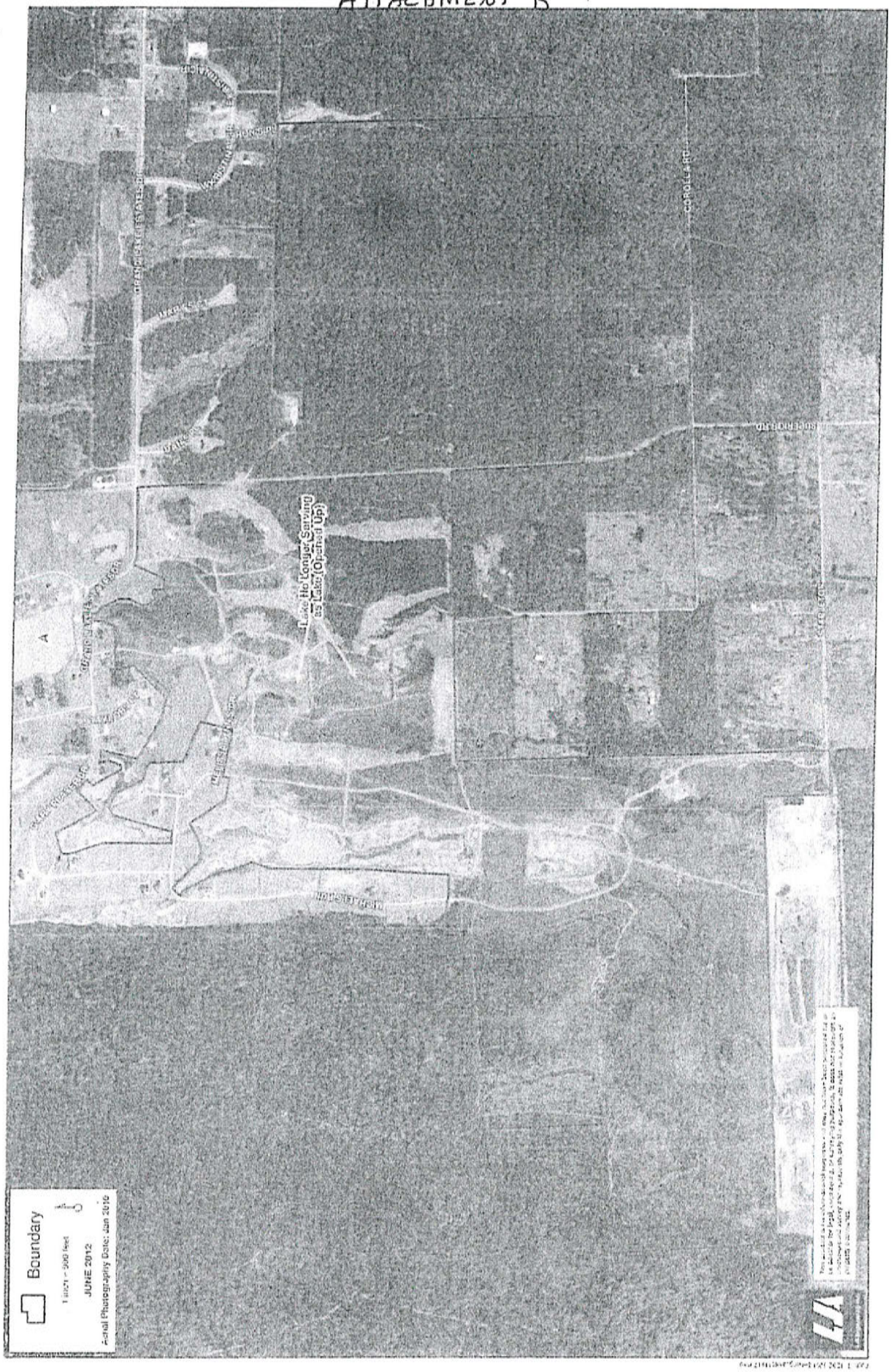
#QUAD	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
712	1954	1.07	3.45	4	4.21	4.8	6.8	6.36	6.56	6.39	5.13	3.34	2.82	55.94
712	1955	2.14	2.14	3.97	4.92	5.31	5.89	5.05	5.09	4.61	5.8	3.92	2.7	52.12
712	1956	2.58	2.38	3.84	4.63	5.7	5.96	8.22	7.41	6.27	1.93	3.05	2.71	58.23
712	1957	1.52	1.96	3.52	3.66	4.72	1.96	6.45	5.96	4.18	3.31	2.59	2.07	44.87
712	1958	1.76	2.13	2.99	3.7	4.27	6.01	5.45	6.03	2.07	2.73	2.06	1.46	41.64
712	1959	1.41	1.51	3.66	3.54	4.62	5.62	5.25	4.2	3.99	3.5	2.25	1.69	41.26
712	1960	1.67	1.93	2.68	3.98	5.22	6.3	5.43	3.42	4.14	2.76	2.04	1.37	40.94
712	1961	1.56	2.14	3.23	4.25	5.09	1.94	4.72	5.06	4.2	4.01	2.29	1.64	43.41
712	1962	1.77	2.62	3.19	4.06	5.12	4.57	6.03	6.53	4.11	4.34	2.81	1.9	47.34
712	1963	1.35	2.23	3.74	4.8	5.37	5.74	5.75	6.07	4.43	4.03	2.71	1.77	48
712	1964	1.79	2.36	3.2	3.93	4.6	5.86	5.02	3.55	4.25	4.38	2.60	1.96	46.38
712	1965	2.35	2.13	3.28	3.32	3.95	5.39	6.16	5.17	4.81	3.51	2.2	1.35	44.23
712	1966	1.37	2.01	3.69	3.93	3.75	6.2	6.59	5.05	4.52	3.77	3.1	1.96	45.95
712	1967	1.99	2.52	4.29	5.39	1.67	6.14	6.11	6.14	4.39	4.51	2.69	1.77	49.19
712	1968	1.74	2.06	2.94	3.71	4.49	4.23	5.38	6.03	4.26	3.75	2.75	2.01	47.96
712	1969	1.7	1.22	3.17	4.31	3.89	5.21	6.73	6.01	4.79	4.46	2.73	1.87	46.07
712	1970	1.32	2.39	2.95	3.87	4.74	5.98	6.11	6.73	4.14	3.5	2.95	2.64	47.61
712	1971	2.06	2.86	3.82	4.35	4.57	6.39	7.02	5.2	4.03	3.88	2.94	1.42	50.36
712	1972	2	2.27	3.91	4.52	4.59	5.65	5.35	4.93	4.03	3.95	2.11	1.32	44.24
712	1973	1.49	1.61	3.11	3.07	4.91	4.19	6.14	4.9	3.49	3.16	3.12	2.4	42.07
712	1974	1.59	2.76	3.8	4.61	4.82	5.32	6.64	5.09	3.47	3.96	2.26	2.01	45.67
712	1975	2.18	2.01	3.11	3.61	3.89	4.97	1.39	4.61	4.21	4.21	3.11	2.06	42.49
712	1976	2.36	2.59	3.36	3.33	4.54	5.13	4.37	5.85	4.33	3.51	2.11	1.95	44.75
712	1977	1.87	2.78	3.42	4.47	5.31	5.88	6.39	7.21	4.94	4.06	2.99	2.51	49.82
712	1978	1.38	1.81	3.62	4.41	5.12	5.62	5.91	6.34	4.11	4.75	2.62	2	47.79
712	1979	2.27	1.81	3.86	3.92	4.64	5.44	5.25	5.14	4.75	4.41	3.33	2.17	46.71
712	1980	1.59	2.43	3.46	1.8	4.91	8.95	8.02	6.95	5.29	4.38	2.71	2.04	53.62
712	1981	2.51	2.26	3.66	4.07	4.96	5.64	5.71	6.46	5.25	3.5	3.19	2.37	49.59
712	1982	1.92	2.14	3.25	3.91	4.58	6.17	6.89	6.74	5.69	4.31	3.31	2.6	51.32
712	1983	2.56	2.45	3.95	4.7	5.32	5.46	6.26	5.46	4.78	3.98	3.25	2.44	50.62
712	1984	1.98	2.97	3.99	5.29	5.86	5.73	6.44	6.1	5.03	4.96	3.87	2.91	51.97
712	1985	2.34	2.86	4.25	4.54	5.45	6.62	5.87	6.87	5.35	4.12	2.61	1.91	52.77
712	1986	2.63	1.97	4.4	4.62	5.46	5.21	6.38	6.05	4.31	3.62	1.96	1.54	49.76
712	1987	2.73	2	4.06	5.45	4.17	5.6	5.86	6.77	4.74	4.25	3.08	1.57	50.27
712	1988	1.97	2.22	3.55	4.62	5.73	5.86	6.7	6.26	5.38	4.18	2.88	1.94	51.19
712	1989	1.93	2.1	3.39	4.19	4.92	5.06	5.63	5.37	5.2	4.38	3.09	2.36	47.1
712	1990	2.02	2.3	3.1	3.73	4.83	6.99	6.08	6.81	4.76	4.14	2.59	1.63	55.65
712	1991	2.57	2.31	3.65	4.06	4.31	6.16	6.43	6.49	6.04	5.31	4.14	5.12	56.6
712	1992	3.55	2.93	3.35	4.1	3.85	5.04	5.7	5	4.53	3.68	3.17	1.71	46.16
712	1993	2.63	2.18	2.65	4.61	5.37	6.92	6.66	7.1	5.53	4.19	2.45	3.22	52.49
712	1994	2.87	3.04	3.37	3.8	5.07	6.31	7.24	5.77	6.11	6.37	3	4.83	57.57
712	1995	2.36	1.97	3.6	4.32	4.95	6.55	6.41	5.53	4.75	1.34	2.72	2.17	49.9
712	1996	2.17	2.75	3.6	5.09	5.63	5.72	6.7	5.62	4.79	4.29	2.39	3.01	51.93
712	1997	2.85	2.05	2.97	5.22	4.75	6.03	7.25	6.79	5.2	4.52	3.3	2.28	53.32
712	1998	1.95	2.6	4.22	3.54	5.03	7.28	7.97	6.65	4.97	3.93	2.3	2.05	54.52
712	1999	2.64	2.61	3.52	4.91	6.42	6.49	6.31	7.41	6.24	4.16	3.01	2.57	57.75
712	2000	2.99	2.35	3.61	4.31	[illegible]	5.85	7.6	7.1	6.57	3.40	[illegible]	3.86	53.7
712	2001	1.04	1.57	3.11	3.61	4.66	4.15	5.07	3.25	4.85	[illegible]	3.03	[illegible]	42
712	2002	1.92	2.1	3.21	5.11	5.02	5.79	5.1	5.17	[illegible]	[illegible]	2.49	[illegible]	[illegible]
712	2003	2.12	2.07	3.2	[illegible]	3.98	6.56	5.89	5.80	4.11	[illegible]	3.67	[illegible]	[illegible]
712	2004	3.14	2.68	3.72	4.19	5.01	5.2	6.07	5.93	5.17	1.14	2.34	2.24	47.13
712	2005	2.41	3.26	2.39	5.14	5.56	6.51	7	5.99	5.51	[illegible]	1.97	[illegible]	[illegible]
712	2006	[illegible]	1.05	3.44	[illegible]	5.85	6.75	5.61	[illegible]	5.2	[illegible]	3.4	[illegible]	[illegible]
712	2007	3.11	1.22	1	3.45	5.61	[illegible]	5.52	5.9	4.9	1.45	4.1	2.5	[illegible]
712	2008	1.06	4.19	3.27	[illegible]	5.1	5.55	6.69	5.44	[illegible]	[illegible]	[illegible]	1.85	[illegible]
712	2009	2.19	3.1	3.76	6.57	5.32	7.97	7.09	6.31	4.31	[illegible]	1.79	1.23	[illegible]
712	2010	[illegible]	1.92	3.73	1.45	5.55	6.01	5.13	6.32	4.79	4.96	2.39	2.79	53.21

ATTACHMENT "A"

MONTGOMERY COUNTY M.U.D. NO. 123 EVAPORATION CHART

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2000	2.99	2.36	3.61	4.91	6.36	5.85	7.6	7.1	6.58	3.48	4.8	3.86	59.5
2001	1.04	1.57	3.14	3.61	4.66	4.15	5.07	5.25	4.53	3.64	3.09	2.25	42
2002	1.92	2.3	3.24	5.14	5.62	5.76	5.1	5.17	5.23	3.07	2.44	2.23	47.22
2003	2.13	2.07	3.2	4.09	4.88	6.56	5.89	5.83	4.44	4.34	3.67	3.07	50.17
2004	3.14	2.68	3.73	4.19	5.01	5.2	6.02	6.93	5.43	4.14	3.38	3.26	53.11
2005	2.44	3.26	3.59	5.14	5.56	6.55	7	5.99	5.51	5.12	4.07	2.63	56.86
2006	3.42	3.05	3.94	5.25	5.85	6.75	5.62	6.89	5.3	4.37	3.5	2.65	56.59
2007	3.11	2.33	4	3.98	5.61	5.24	5.52	5.92	4.98	4.93	4.1	2.57	52.29
2008	4.06	4.19	3.57	4.81	5.1	6.59	6.68	5.44	4.74	4.08	4.39	2.65	56.3
2009	2.49	3.4	3.75	6.57	5.34	7.77	7.08	6.02	4.72	6.05	2.78	4.13	60.1
2010	2.07	1.92	3.73	4.45	5.55	6.01	5.43	6.52	4.79	4.99	2.99	3.79	52.24
Monthly Avg, in	2.62	2.65	3.59	4.74	5.41	6.04	6.09	6.1	5.11	4.38	3.56	3.01	53.31
Daily Avg, in	0.085	0.091	0.116	0.158	0.175	0.201	0.196	0.197	0.17	0.141	0.119	0.097	1.72
Hourly Avg, in	0.004	0.004	0.005	0.007	0.007	0.008	0.008	0.008	0.007	0.006	0.005	0.004	0.055

ATTACHMENT 'B'



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 22, 2012

Mr. Adam Cohen
LJA Engineering, Inc.
2929 Briarpark Drive, Suite 600
Houston, Texas 77042-3703

CERTIFIED MAIL

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code §11.122, Requiring Full Basin Mailed and Published Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Cohen:

This acknowledges receipt, on July 2, 2012, of additional information for the referenced application.

Additional information is required before the application can be declared technically complete.

1. Provide the protocol that will be used to ensure that state water is not used in the reservoir complex. The protocol should include the following elements.

   a. Provide a text document that includes:

      i. A summary of the requested authorization.

      ii. A summary of the spreadsheet protocol.

      iii. A narrative explanation of each worksheet in the spreadsheet.

      iv. A narrative explanation of each column or lookup table in the worksheets. This section of the text document should be arranged by using the number and title of each column, as it appears in the spreadsheet. At a minimum each column description must include the calculation used and/or the source of data.

b. Provide an Excel file (spreadsheet) that includes:

   i. All calculations used to demonstrate compliance.

   ii. Basic daily data such as flow, storage, and evaporation.

   iii. The units actually used to measure rates and volumes, and any conversion calculations used to convert to acre-feet, cfs, and any other units used.

c. Provide sample data to demonstrate operation of the spreadsheet protocol.

Please submit the requested information by November 23, 2012, or the application may be returned pursuant to Title 30 Texas Administrative Code §281.19. You have the option of having the question of sufficiency of the necessary requested data referred to the Commission for a decision instead of having the application returned; such referral shall be provided by November 23, 2012.

If you have any questions concerning this matter, please contact me by e-mail at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah Henderson, Project Manager
Water Rights Permitting & Availability Section
Water Availability Division

Sarah Henderson

From: David Rivera <[redacted]>
Sent: Friday, December 14, 2012 1:03 PM
To: Sarah Henderson
Cc: James Brown
Subject: RE: SR Superior Water Right Amendment Application No. 5712A
Attachments: TechRFI.pdf.pdf; Attachment C SR Superior TCEQ Lake A Blank.xlsx; Attachment D SR Superior TCEQ Lake A Sample.xlsx; TCEQ TechRFI Response Letter 121212.pdf

Ms. Henderson,

Please see the attached response to the request for information. I have also included the spreadsheets in excel format as requested. A hard copy should be received within a few days. Please let me know if you require any additional information or have problems with any of the files.

David Rivera, P.E.
LJA Engineering Inc.
2929 Briarpark Suite 600
Houston, Tx 77042
Phone:713.953.5277
Fax:713.953.5026
[redacted]
E: [redacted]
W: www.ljaengineering.com

From: Sarah Henderson [mailto:sarah.henderson@tceq.texas.gov]
Sent: Friday, December 07, 2012 9:33 AM
To: David Rivera
Subject: RE: SR Superior Water Right Amendment Application No. 5712A

Mr. Rivera,

Staff has granted an extension to respond to the *Request for Information* letter dated October 22, 2012. Please provide a complete response by **December 14**, 2012 or the application may be returned pursuant Title 30 Texas Administrative Code §281.19.

Sincerely,
Sarah Henderson

Sarah Henderson
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
P.O. Box 13087/MC-160
Austin, TX 78711-3087
(P) 512.239.2535
(F) 512.239.4770

From: David Rivera [mailto:[redacted]]
Sent: Friday, November 30, 2012 4:34 PM
To: Sarah Henderson
Subject: RE: SR Superior Water Right Amendment Application No. 5712A

Yes we are preparing the response currently and should have a response to you next week or the week after. Will that work for you?

David Rivera, P.E.
LJA Engineering Inc.
2929 Briarpark Suite 600
Houston, Tx 77042
Phone:713.953.5277
Fax:713.953.5026
[redacted]
E: [redacted]
W: www.ljaengineering.com

From: Sarah Henderson [mailto:sarah.henderson@tceq.texas.gov]
Sent: Friday, November 30, 2012 4:33 PM
To: David Rivera
Subject: FW: SR Superior Water Right Amendment Application No. 5712A

Mr. Rivera,
Will the applicant be responding to the attached request for information?
A response was due November 23, 2012.
Please advise.
Sincerely,
Sarah

From: Sarah Henderson
Sent: Thursday, October 25, 2012 12:00 PM
To: [redacted]
Subject: SR Superior Water Right Amendment Application No. 5712A

Mr. Rivera,

Please find the attached *Request for Information* letter that was originally mailed to Mr. Cohen.

Feel free to contact me with any questions.

Sincerely,
Sarah Henderson

Sarah Henderson
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
P.O. Box 13087/MC-160
Austin, TX 78711-3087
(P) 512.239.2535
(F) 512.239.4770

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.085	(ft^3)	(ft^3)
January	1		244.0	0		0.00	0	#N/A	#N/A	#N/A
	2		0.0	0		0.00	0	#N/A	#N/A	#N/A
	3		0.0	0		0.00	0	#N/A	#N/A	#N/A
	4		0.0	0		0.00	0	#N/A	#N/A	#N/A
	5		0.0	0		0.00	0	#N/A	#N/A	#N/A
	6		0.0	0		0.00	0	#N/A	#N/A	#N/A
	7		0.0	0		0.00	0	#N/A	#N/A	#N/A
	8		0.0	0		0.00	0	#N/A	#N/A	#N/A
	9		0.0	0		0.00	0	#N/A	#N/A	#N/A
	10		0.0	0		0.00	0	#N/A	#N/A	#N/A
	11		0.0	0		0.00	0	#N/A	#N/A	#N/A
	12		0.0	0		0.00	0	#N/A	#N/A	#N/A
	13		0.0	0		0.00	0	#N/A	#N/A	#N/A
	14		0.0	0		0.00	0	#N/A	#N/A	#N/A
	15		0.0	0		0.00	0	#N/A	#N/A	#N/A
	16		0.0	0		0.00	0	#N/A	#N/A	#N/A
	17		0.0	0		0.00	0	#N/A	#N/A	#N/A
	18		0.0	0		0.00	0	#N/A	#N/A	#N/A
	19		0.0	0		0.00	0	#N/A	#N/A	#N/A
	20		0.0	0		0.00	0	#N/A	#N/A	#N/A
	21		0.0	0		0.00	0	#N/A	#N/A	#N/A
	22		0.0	0		0.00	0	#N/A	#N/A	#N/A
	23		0.0	0		0.00	0	#N/A	#N/A	#N/A
	24		0.0	0		0.00	0	#N/A	#N/A	#N/A
	25		0.0	0		0.00	0	#N/A	#N/A	#N/A
	26		0.0	0		0.00	0	#N/A	#N/A	#N/A
	27		0.0	0		0.00	0	#N/A	#N/A	#N/A
	28		0.0	0		0.00	0	#N/A	#N/A	#N/A
	29		0.0	0		0.00	0	#N/A	#N/A	#N/A
	30		0.0	0		0.00	0	#N/A	#N/A	#N/A
	31		0.0	0		0.00	0	#N/A	#N/A	#N/A
Total				0			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.091	(ft^3)	(ft^3)
February	1		0	0		0.00	0	#N/A	#N/A	#N/A
	2		0	0		0.00	0	#N/A	#N/A	#N/A
	3		0	0		0.00	0	#N/A	#N/A	#N/A
	4		0	0		0.00	0	#N/A	#N/A	#N/A
	5		0	0		0.00	0	#N/A	#N/A	#N/A
	6		0	0		0.00	0	#N/A	#N/A	#N/A
	7		0	0		0.00	0	#N/A	#N/A	#N/A
	8		0	0		0.00	0	#N/A	#N/A	#N/A
	9		0	0		0.00	0	#N/A	#N/A	#N/A
	10		0	0		0.00	0	#N/A	#N/A	#N/A
	11		0	0		0.00	0	#N/A	#N/A	#N/A
	12		0	0		0.00	0	#N/A	#N/A	#N/A
	13		0	0		0.00	0	#N/A	#N/A	#N/A
	14		0	0		0.00	0	#N/A	#N/A	#N/A
	15		0	0		0.00	0	#N/A	#N/A	#N/A
	16		0	0		0.00	0	#N/A	#N/A	#N/A
	17		0	0		0.00	0	#N/A	#N/A	#N/A
	18		0	0		0.00	0	#N/A	#N/A	#N/A
	19		0	0		0.00	0	#N/A	#N/A	#N/A
	20		0	0		0.00	0	#N/A	#N/A	#N/A
	21		0	0		0.00	0	#N/A	#N/A	#N/A
	22		0	0		0.00	0	#N/A	#N/A	#N/A
	23		0	0		0.00	0	#N/A	#N/A	#N/A
	25		0	0		0.00	0	#N/A	#N/A	#N/A
	26		0	0		0.00	0	#N/A	#N/A	#N/A
	27		0	0		0.00	0	#N/A	#N/A	#N/A
	28		0	0		0.00	0	#N/A	#N/A	#N/A
	29		0	0		0.00	0	#N/A	#N/A	#N/A
Total				0			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.116		
March	1		0	0		0.00	0	#N/A	#N/A	#N/A
	2		0	0		0.00	0	#N/A	#N/A	#N/A
	3		0	0		0.00	0	#N/A	#N/A	#N/A
	4		0	0		0.00	0	#N/A	#N/A	#N/A
	5		0	0		0.00	0	#N/A	#N/A	#N/A
	6		0	0		0.00	0	#N/A	#N/A	#N/A
	7		0	0		0.00	0	#N/A	#N/A	#N/A
	8		0	0		0.00	0	#N/A	#N/A	#N/A
	9		0	0		0.00	0	#N/A	#N/A	#N/A
	10		0	0		0.00	0	#N/A	#N/A	#N/A
	11		0	0		0.00	0	#N/A	#N/A	#N/A
	12		0	0		0.00	0	#N/A	#N/A	#N/A
	13		0	0		0.00	0	#N/A	#N/A	#N/A
	14		0	0		0.00	0	#N/A	#N/A	#N/A
	15		0	0		0.00	0	#N/A	#N/A	#N/A
	16		0	0		0.00	0	#N/A	#N/A	#N/A
	17		0	0		0.00	0	#N/A	#N/A	#N/A
	18		0	0		0.00	0	#N/A	#N/A	#N/A
	19		0	0		0.00	0	#N/A	#N/A	#N/A
	20		0	0		0.00	0	#N/A	#N/A	#N/A
	21		0	0		0.00	0	#N/A	#N/A	#N/A
	22		0	0		0.00	0	#N/A	#N/A	#N/A
	23		0	0		0.00	0	#N/A	#N/A	#N/A
	24		0	0		0.00	0	#N/A	#N/A	#N/A
	25		0	0		0.00	0	#N/A	#N/A	#N/A
	26		0	0		0.00	0	#N/A	#N/A	#N/A
	27		0	0		0.00	0	#N/A	#N/A	#N/A
	28		0	0		0.00	0	#N/A	#N/A	#N/A
	29		0	0		0.00	0	#N/A	#N/A	#N/A
	30		0	0		0.00	0	#N/A	#N/A	#N/A
	31		0	0		0.00	0	#N/A	#N/A	#N/A
Total				0			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.158		
April	1		0	0		0.00	0	#N/A	#N/A	#N/A
	2		0	0		0.00	0	#N/A	#N/A	#N/A
	3		0	0		0.00	0	#N/A	#N/A	#N/A
	4		0	0		0.00	0	#N/A	#N/A	#N/A
	5		0	0		0.00	0	#N/A	#N/A	#N/A
	6		0	0		0.00	0	#N/A	#N/A	#N/A
	7		0	0		0.00	0	#N/A	#N/A	#N/A
	8		0	0		0.00	0	#N/A	#N/A	#N/A
	9		0	0		0.00	0	#N/A	#N/A	#N/A
	10		0	0		0.00	0	#N/A	#N/A	#N/A
	11		0	0		0.00	0	#N/A	#N/A	#N/A
	12		0	0		0.00	0	#N/A	#N/A	#N/A
	13		0	0		0.00	0	#N/A	#N/A	#N/A
	14		0	0		0.00	0	#N/A	#N/A	#N/A
	15		0	0		0.00	0	#N/A	#N/A	#N/A
	16		0	0		0.00	0	#N/A	#N/A	#N/A
	17		0	0		0.00	0	#N/A	#N/A	#N/A
	18		0	0		0.00	0	#N/A	#N/A	#N/A
	19		0	0		0.00	0	#N/A	#N/A	#N/A
	20		0	0		0.00	0	#N/A	#N/A	#N/A
	21		0	0		0.00	0	#N/A	#N/A	#N/A
	22		0	0		0.00	0	#N/A	#N/A	#N/A
	23		0	0		0.00	0	#N/A	#N/A	#N/A
	24		0	0		0.00	0	#N/A	#N/A	#N/A
	25		0	0		0.00	0	#N/A	#N/A	#N/A
	26		0	0		0.00	0	#N/A	#N/A	#N/A
	27		0	0		0.00	0	#N/A	#N/A	#N/A
	28		0	0		0.00	0	#N/A	#N/A	#N/A
	29		0	0		0.00	0	#N/A	#N/A	#N/A
	30		0	0		0.00	0	#N/A	#N/A	#N/A
Total				0			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.175		
May	1		0	0		0.00	0	#N/A	#N/A	#N/A
	2		0	0		0.00	0	#N/A	#N/A	#N/A
	3		0	0		0.00	0	#N/A	#N/A	#N/A
	4		0	0		0.00	0	#N/A	#N/A	#N/A
	5		0	0		0.00	0	#N/A	#N/A	#N/A
	6		0	0		0.00	0	#N/A	#N/A	#N/A
	7		0	0		0.00	0	#N/A	#N/A	#N/A
	8		0	0		0.00	0	#N/A	#N/A	#N/A
	9		0	0		0.00	0	#N/A	#N/A	#N/A
	10		0	0		0.00	0	#N/A	#N/A	#N/A
	11		0	0		0.00	0	#N/A	#N/A	#N/A
	12		0	0		0.00	0	#N/A	#N/A	#N/A
	13		0	0		0.00	0	#N/A	#N/A	#N/A
	14		0	0		0.00	0	#N/A	#N/A	#N/A
	15		0	0		0.00	0	#N/A	#N/A	#N/A
	16		0	0		0.00	0	#N/A	#N/A	#N/A
	17		0	0		0.00	0	#N/A	#N/A	#N/A
	18		0	0		0.00	0	#N/A	#N/A	#N/A
	19		0	0		0.00	0	#N/A	#N/A	#N/A
	20		0	0		0.00	0	#N/A	#N/A	#N/A
	21		0	0		0.00	0	#N/A	#N/A	#N/A
	22		0	0		0.00	0	#N/A	#N/A	#N/A
	23		0	0		0.00	0	#N/A	#N/A	#N/A
	24		0	0		0.00	0	#N/A	#N/A	#N/A
	25		0	0		0.00	0	#N/A	#N/A	#N/A
	26		0	0		0.00	0	#N/A	#N/A	#N/A
	27		0	0		0.00	0	#N/A	#N/A	#N/A
	28		0	0		0.00	0	#N/A	#N/A	#N/A
	29		0	0		0.00	0	#N/A	#N/A	#N/A
	30		0	0		0.00	0	#N/A	#N/A	#N/A
	31		0	0		0.00	0	#N/A	#N/A	#N/A
Total				0			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability (ft^3)	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.201		
June	1		0	0		0.00	0	#N/A	#N/A	#N/A
	2		0	0		0.00	0	#N/A	#N/A	#N/A
	3		0	0		0.00	0	#N/A	#N/A	#N/A
	4		0	0		0.00	0	#N/A	#N/A	#N/A
	5		0	0		0.00	0	#N/A	#N/A	#N/A
	6		0	0		0.00	0	#N/A	#N/A	#N/A
	7		0	0		0.00	0	#N/A	#N/A	#N/A
	8		0	0		0.00	0	#N/A	#N/A	#N/A
	9		0	0		0.00	0	#N/A	#N/A	#N/A
	10		0	0		0.00	0	#N/A	#N/A	#N/A
	11		0	0		0.00	0	#N/A	#N/A	#N/A
	12		0	0		0.00	0	#N/A	#N/A	#N/A
	13		0	0		0.00	0	#N/A	#N/A	#N/A
	14		0	0		0.00	0	#N/A	#N/A	#N/A
	15		0	0		0.00	0	#N/A	#N/A	#N/A
	16		0	0		0.00	0	#N/A	#N/A	#N/A
	17		0	0		0.00	0	#N/A	#N/A	#N/A
	18		0	0		0.00	0	#N/A	#N/A	#N/A
	19		0	0		0.00	0	#N/A	#N/A	#N/A
	20		0	0		0.00	0	#N/A	#N/A	#N/A
	21		0	0		0.00	0	#N/A	#N/A	#N/A
	22		0	0		0.00	0	#N/A	#N/A	#N/A
	23		0	0		0.00	0	#N/A	#N/A	#N/A
	24		0	0		0.00	0	#N/A	#N/A	#N/A
	25		0	0		0.00	0	#N/A	#N/A	#N/A
	26		0	0		0.00	0	#N/A	#N/A	#N/A
	27		0	0		0.00	0	#N/A	#N/A	#N/A
	28		0	0		0.00	0	#N/A	#N/A	#N/A
	29		0	0		0.00	0	#N/A	#N/A	#N/A
	30		0	0		0.00	0	#N/A	#N/A	#N/A
Total				0			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.196	Accountability (ft^3)	Accountability (ft^3)
July	1		0	0		0.00	0	#N/A	#N/A	#N/A
	2		0	0		0.00	0	#N/A	#N/A	#N/A
	3		0	0		0.00	0	#N/A	#N/A	#N/A
	4		0	0		0.00	0	#N/A	#N/A	#N/A
	5		0	0		0.00	0	#N/A	#N/A	#N/A
	6		0	0		0.00	0	#N/A	#N/A	#N/A
	7		0	0		0.00	0	#N/A	#N/A	#N/A
	8		0	0		0.00	0	#N/A	#N/A	#N/A
	9		0	0		0.00	0	#N/A	#N/A	#N/A
	10		0	0		0.00	0	#N/A	#N/A	#N/A
	11		0	0		0.00	0	#N/A	#N/A	#N/A
	12		0	0		0.00	0	#N/A	#N/A	#N/A
	13		0	0		0.00	0	#N/A	#N/A	#N/A
	14		0	0		0.00	0	#N/A	#N/A	#N/A
	15		0	0		0.00	0	#N/A	#N/A	#N/A
	16		0	0		0.00	0	#N/A	#N/A	#N/A
	17		0	0		0.00	0	#N/A	#N/A	#N/A
	18		0	0		0.00	0	#N/A	#N/A	#N/A
	19		0	0		0.00	0	#N/A	#N/A	#N/A
	20		0	0		0.00	0	#N/A	#N/A	#N/A
	21		0	0		0.00	0	#N/A	#N/A	#N/A
	22		0	0		0.00	0	#N/A	#N/A	#N/A
	23		0	0		0.00	0	#N/A	#N/A	#N/A
	24		0	0		0.00	0	#N/A	#N/A	#N/A
	25		0	0		0.00	0	#N/A	#N/A	#N/A
	26		0	0		0.00	0	#N/A	#N/A	#N/A
	27		0	0		0.00	0	#N/A	#N/A	#N/A
	28		0	0		0.00	0	#N/A	#N/A	#N/A
	29		0	0		0.00	0	#N/A	#N/A	#N/A
	30		0	0		0.00	0	#N/A	#N/A	#N/A
	31		0	0		0.00	0	#N/A	#N/A	#N/A
Total				0			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.197	Accountability (ft^3)	Accountability (ft^3)
August	1		0	0		0.00	0	#N/A	#N/A	#N/A
	2		0	0		0.00	0	#N/A	#N/A	#N/A
	3		0	0		0.00	0	#N/A	#N/A	#N/A
	4		0	0		0.00	0	#N/A	#N/A	#N/A
	5		0	0		0.00	0	#N/A	#N/A	#N/A
	6		0	0		0.00	0	#N/A	#N/A	#N/A
	7		0	0		0.00	0	#N/A	#N/A	#N/A
	8		0	0		0.00	0	#N/A	#N/A	#N/A
	9		0	0		0.00	0	#N/A	#N/A	#N/A
	10		0	0		0.00	0	#N/A	#N/A	#N/A
	11		0	0		0.00	0	#N/A	#N/A	#N/A
	12		0	0		0.00	0	#N/A	#N/A	#N/A
	13		0	0		0.00	0	#N/A	#N/A	#N/A
	14		0	0		0.00	0	#N/A	#N/A	#N/A
	15		0	0		0.00	0	#N/A	#N/A	#N/A
	16		0	0		0.00	0	#N/A	#N/A	#N/A
	17		0	0		0.00	0	#N/A	#N/A	#N/A
	18		0	0		0.00	0	#N/A	#N/A	#N/A
	19		0	0		0.00	0	#N/A	#N/A	#N/A
	20		0	0		0.00	0	#N/A	#N/A	#N/A
	21		0	0		0.00	0	#N/A	#N/A	#N/A
	22		0	0		0.00	0	#N/A	#N/A	#N/A
	23		0	0		0.00	0	#N/A	#N/A	#N/A
	24		0	0		0.00	0	#N/A	#N/A	#N/A
	25		0	0		0.00	0	#N/A	#N/A	#N/A
	26		0	0		0.00	0	#N/A	#N/A	#N/A
	27		0	0		0.00	0	#N/A	#N/A	#N/A
	28		0	0		0.00	0	#N/A	#N/A	#N/A
	29		0	0		0.00	0	#N/A	#N/A	#N/A
	30		0	0		0.00	0	#N/A	#N/A	#N/A
	31		0	0		0.00	0	#N/A	#N/A	#N/A
Total				0			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.17	Accountability (ft^3)	Accountability (ft^3)
September	1		0	0		0.00	0	#N/A	#N/A	#N/A
	2		0	0		0.00	0	#N/A	#N/A	#N/A
	3		0	0		0.00	0	#N/A	#N/A	#N/A
	4		0	0		0.00	0	#N/A	#N/A	#N/A
	5		0	0		0.00	0	#N/A	#N/A	#N/A
	6		0	0		0.00	0	#N/A	#N/A	#N/A
	7		0	0		0.00	0	#N/A	#N/A	#N/A
	8		0	0		0.00	0	#N/A	#N/A	#N/A
	9		0	0		0.00	0	#N/A	#N/A	#N/A
	10		0	0		0.00	0	#N/A	#N/A	#N/A
	11		0	0		0.00	0	#N/A	#N/A	#N/A
	12		0	0		0.00	0	#N/A	#N/A	#N/A
	13		0	0		0.00	0	#N/A	#N/A	#N/A
	14		0	0		0.00	0	#N/A	#N/A	#N/A
	15		0	0		0.00	0	#N/A	#N/A	#N/A
	16		0	0		0.00	0	#N/A	#N/A	#N/A
	17		0	0		0.00	0	#N/A	#N/A	#N/A
	18		0	0		0.00	0	#N/A	#N/A	#N/A
	19		0	0		0.00	0	#N/A	#N/A	#N/A
	20		0	0		0.00	0	#N/A	#N/A	#N/A
	21		0	0		0.00	0	#N/A	#N/A	#N/A
	22		0	0		0.00	0	#N/A	#N/A	#N/A
	23		0	0		0.00	0	#N/A	#N/A	#N/A
	24		0	0		0.00	0	#N/A	#N/A	#N/A
	25		0	0		0.00	0	#N/A	#N/A	#N/A
	26		0	0		0.00	0	#N/A	#N/A	#N/A
	27		0	0		0.00	0	#N/A	#N/A	#N/A
	28		0	0		0.00	0	#N/A	#N/A	#N/A
	29		0	0		0.00	0	#N/A	#N/A	#N/A
	30		0	0		0.00	0	#N/A	#N/A	#N/A
Total				0			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.141	Accountability (ft^3)	Accountability (ft^3)
October	1		0	0		0.00	0	#N/A	#N/A	#N/A
	2		0	0		0.00	0	#N/A	#N/A	#N/A
	3		0	0		0.00	0	#N/A	#N/A	#N/A
	4		0	0		0.00	0	#N/A	#N/A	#N/A
	5		0	0		0.00	0	#N/A	#N/A	#N/A
	6		0	0		0.00	0	#N/A	#N/A	#N/A
	7		0	0		0.00	0	#N/A	#N/A	#N/A
	8		0	0		0.00	0	#N/A	#N/A	#N/A
	9		0	0		0.00	0	#N/A	#N/A	#N/A
	10		0	0		0.00	0	#N/A	#N/A	#N/A
	11		0	0		0.00	0	#N/A	#N/A	#N/A
	12		0	0		0.00	0	#N/A	#N/A	#N/A
	13		0	0		0.00	0	#N/A	#N/A	#N/A
	14		0	0		0.00	0	#N/A	#N/A	#N/A
	15		0	0		0.00	0	#N/A	#N/A	#N/A
	16		0	0		0.00	0	#N/A	#N/A	#N/A
	17		0	0		0.00	0	#N/A	#N/A	#N/A
	18		0	0		0.00	0	#N/A	#N/A	#N/A
	19		0	0		0.00	0	#N/A	#N/A	#N/A
	20		0	0		0.00	0	#N/A	#N/A	#N/A
	21		0	0		0.00	0	#N/A	#N/A	#N/A
	22		0	0		0.00	0	#N/A	#N/A	#N/A
	23		0	0		0.00	0	#N/A	#N/A	#N/A
	24		0	0		0.00	0	#N/A	#N/A	#N/A
	25		0	0		0.00	0	#N/A	#N/A	#N/A
	26		0	0		0.00	0	#N/A	#N/A	#N/A
	27		0	0		0.00	0	#N/A	#N/A	#N/A
	28		0	0		0.00	0	#N/A	#N/A	#N/A
	29		0	0		0.00	0	#N/A	#N/A	#N/A
	30		0	0		0.00	0	#N/A	#N/A	#N/A
	31		0	0		0.00	0	#N/A	#N/A	#N/A
Total				0			0	#N/A		#N/A

ATTACHMENT "C"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.119	Accountability (ft^3)	Accountability (ft^3)
November	1		0	0		0.00	0	#N/A	#N/A	#N/A
	2		0	0		0.00	0	#N/A	#N/A	#N/A
	3		0	0		0.00	0	#N/A	#N/A	#N/A
	4		0	0		0.00	0	#N/A	#N/A	#N/A
	5		0	0		0.00	0	#N/A	#N/A	#N/A
	6		0	0		0.00	0	#N/A	#N/A	#N/A
	7		0	0		0.00	0	#N/A	#N/A	#N/A
	8		0	0		0.00	0	#N/A	#N/A	#N/A
	9		0	0		0.00	0	#N/A	#N/A	#N/A
	10		0	0		0.00	0	#N/A	#N/A	#N/A
	11		0	0		0.00	0	#N/A	#N/A	#N/A
	12		0	0		0.00	0	#N/A	#N/A	#N/A
	13		0	0		0.00	0	#N/A	#N/A	#N/A
	14		0	0		0.00	0	#N/A	#N/A	#N/A
	15		0	0		0.00	0	#N/A	#N/A	#N/A
	16		0	0		0.00	0	#N/A	#N/A	#N/A
	17		0	0		0.00	0	#N/A	#N/A	#N/A
	18		0	0		0.00	0	#N/A	#N/A	#N/A
	19		0	0		0.00	0	#N/A	#N/A	#N/A
	20		0	0		0.00	0	#N/A	#N/A	#N/A
	21		0	0		0.00	0	#N/A	#N/A	#N/A
	22		0	0		0.00	0	#N/A	#N/A	#N/A
	23		0	0		0.00	0	#N/A	#N/A	#N/A
	24		0	0		0.00	0	#N/A	#N/A	#N/A
	25		0	0		0.00	0	#N/A	#N/A	#N/A
	26		0	0		0.00	0	#N/A	#N/A	#N/A
	27		0	0		0.00	0	#N/A	#N/A	#N/A
	28		0	0		0.00	0	#N/A	#N/A	#N/A
	29		0	0		0.00	0	#N/A	#N/A	#N/A
	30		0	0		0.00	0	#N/A	#N/A	#N/A
Total				0			0	#N/A		#N/A

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.097	Accountability (ft^3)	Accountability (ft^3)
December	1		0	0		0.00	0	#N/A	#N/A	#N/A
	2		0	0		0.00	0	#N/A	#N/A	#N/A
	3		0	0		0.00	0	#N/A	#N/A	#N/A
	4		0	0		0.00	0	#N/A	#N/A	#N/A
	5		0	0		0.00	0	#N/A	#N/A	#N/A
	6		0	0		0.00	0	#N/A	#N/A	#N/A
	7		0	0		0.00	0	#N/A	#N/A	#N/A
	8		0	0		0.00	0	#N/A	#N/A	#N/A
	9		0	0		0.00	0	#N/A	#N/A	#N/A
	10		0	0		0.00	0	#N/A	#N/A	#N/A
	11		0	0		0.00	0	#N/A	#N/A	#N/A
	12		0	0		0.00	0	#N/A	#N/A	#N/A
	13		0	0		0.00	0	#N/A	#N/A	#N/A
	14		0	0		0.00	0	#N/A	#N/A	#N/A
	15		0	0		0.00	0	#N/A	#N/A	#N/A
	16		0	0		0.00	0	#N/A	#N/A	#N/A
	17		0	0		0.00	0	#N/A	#N/A	#N/A
	18		0	0		0.00	0	#N/A	#N/A	#N/A
	19		0	0		0.00	0	#N/A	#N/A	#N/A
	20		0	0		0.00	0	#N/A	#N/A	#N/A
	21		0	0		0.00	0	#N/A	#N/A	#N/A
	22		0	0		0.00	0	#N/A	#N/A	#N/A
	23		0	0		0.00	0	#N/A	#N/A	#N/A
	24		0	0		0.00	0	#N/A	#N/A	#N/A
	25		0	0		0.00	0	#N/A	#N/A	#N/A
	26		0	0		0.00	0	#N/A	#N/A	#N/A
	27		0	0		0.00	0	#N/A	#N/A	#N/A
	28		0	0		0.00	0	#N/A	#N/A	#N/A
	29		0	0		0.00	0	#N/A	#N/A	#N/A
	30		0	0		0.00	0	#N/A	#N/A	#N/A
	31		0	0		0.00	0	#N/A	#N/A	#N/A
Total				0			0	#N/A		#N/A

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.085	(ft^3)	(ft^3)
January	1	245.0	244.0	1174964	0.4	0.40	34549	8323	1132092	1132092
	2	244.9	245.0	0	0.6	1.10	95206	8397	-103603	1028490
	3	244.8	244.9	0	0.6	1.10	95206	8381	-103586	924903
	4	244.7	244.8	0	0.6	1.10	95206	8364	-103570	821334
	5	244.6	244.7	0	0.6	1.10	95206	8347	-103553	717780
	6	244.5	244.6	0	0.6	1.10	95206	8331	-103537	614244
	7	244.4	244.5	0	0.6	1.10	95206	8314	-103520	510724
	8	244.3	244.4	0	0.6	1.10	95206	8298	-103504	407220
	9	244.2	244.3	0	0.5	0.70	60355	8281	-68636	338584
	10	244.1	244.2	0	0.5	0.70	60355	8265	-68619	269965
	11	244.0	244.1	0	0.6	1.10	95206	8248	-103454	166511
	12	243.9	244.0	0	0.6	1.10	95206	8232	-103438	63073
	13	243.8	243.9	0	0.6	1.10	95206	8215	-103421	-40348
	14	243.8	243.8	0	0.5	0.70	60355	8207	-68562	-108910
	15	243.6	243.8	0	0.5	0.70	60355	8191	-68545	-177455
	16	243.5	243.6	0	0.6	1.10	95206	8166	-103372	-280827
	17	243.4	243.5	0	0.6	1.10	95206	8150	-103356	-384183
	18	243.3	243.4	0	0.6	1.10	95206	8134	-103339	-487522
	19	243.2	243.3	0	0.6	1.10	95206	8117	-103323	-590845
	20	243.1	243.2	0	0.6	1.10	95206	8101	-103306	-694152
	21	243.0	243.1	0	0.6	1.10	95206	8084	-103290	-797442
	22	242.9	243.0	0	0.6	1.10	95206	8068	-103274	-900715
	23	242.8	242.9	0	0.6	1.10	95206	8052	-103258	-1003973
	24	242.7	242.8	0	0.5	0.70	60355	8036	-68390	-1072363
	25	242.6	242.7	0	0.4	0.40	34549	8019	-42568	-1114932
	26	244.0	242.6	1606018	0.5	0.70	60355	8126	1537538	422607
	27	243.7	244.0	0	0.7	1.62	139968	8215	-148184	274423
	28	243.4	243.7	0	0.7	1.62	139968	8166	-148135	126288
	29	243.1	243.4	0	0.7	1.62	139968	8117	-148086	-21798
	30	243.0	243.1	0	0.6	1.10	95206	8084	-103290	-125088
	31	242.7	243.0	0	0.6	1.10	95206	8052	-103258	-228345
Total				2780982			2755245	254082		-228345

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.091	(ft^3)	(ft^3)
February	1	243.3	242.7	684121	0.6	1.10	95206	8647	580269	351924
	2	243.2	243.3	0	0.6	1.10	95206	8690	-103896	248028
	3	243.1	243.2	0	0.5	0.70	60355	8673	-69027	179001
	4	243	243.1	0	0.4	0.40	34549	8655	-43204	135797
	5	242.9	243	0	0.4	0.40	34549	8638	-43187	92610
	6	242.8	242.9	0	0.3	0.19	16830	8620	-25450	67160
	7	242.5	242.8	0	0.3	0.19	16830	8586	-25416	41744
	8	243	242.5	567222	0.6	1.10	95206	8603	463414	505158
	9	242.4	243	0	0.6	1.10	95206	8594	-103800	401358
	10	242.3	242.4	0	0.6	1.10	95206	8533	-103739	297619
	11	242.1	242.3	0	0.6	1.10	95206	8507	-103713	193905
	12	242	242.1	0	0.5	0.70	60355	8481	-68836	125069
	13	241.9	242	0	0.5	0.70	60355	8464	-68819	56251
	14	241.8	241.9	0	0.5	0.70	60355	8447	-68802	-12551
	15	241.7	241.8	0	0.5	0.70	60355	8430	-68784	-81335
	16	241.6	241.7	0	0.5	0.70	60355	8413	-68767	-150103
	17	241.5	241.6	0	0.4	0.40	34549	8396	-42945	-193047
	18	241.4	241.5	0	0.4	0.40	34549	8378	-42927	-235975
	19	241.3	241.4	0	0.4	0.40	34549	8361	-42910	-278885
	20	241.2	241.3	0	0.4	0.40	34549	8344	-42893	-321778
	21	241.1	241.2	0	0.4	0.40	34549	8327	-42876	-364654
	22	241	241.1	0	0.3	0.19	16830	8310	-25140	-389794
	23	240.9	241	0	0.3	0.19	16830	8293	-25123	-414917
	25	240.8	240.9	0	0.3	0.19	16830	8276	-25106	-440023
	26	240.7	240.8	0	0.3	0.19	16830	8259	-25089	-465112
	27	240.6	240.7	0	0.4	0.40	34549	8242	-42791	-507902
	28	240.5	240.6	0	0.4	0.40	34549	8225	-42774	-550676
	29	240.4	240.5	0	0.3	0.19	16830	8208	-25038	-575714
Total				1251343			1362113	236599		-575714

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.116	(ft^3)	(ft^3)
March	1	241.8	240.4	1535800	0.5	0.70	60355	10604	1464841	889127
	2	241.7	241.8	0	0.5	0.70	60355	10746	-71100	818027
	3	241.5	241.7	0	0.5	0.70	60355	10713	-71068	746959
	4	243	241.5	1684607	0.5	0.70	60355	10856	1613396	2360355
	5	242.9	243	0	0.6	1.10	95206	11011	-106216	2254139
	6	242.8	242.9	0	0.5	0.70	60355	10988	-71343	2182796
	7	242.7	242.8	0	0.4	0.40	34549	10966	-45515	2137281
	8	242.6	242.7	0	0.4	0.40	34549	10944	-45493	2091788
	9	242.5	242.6	0	0.4	0.40	34549	10922	-45471	2046317
	10	242.4	242.5	0	0.4	0.40	34549	10900	-45449	2000868
	11	242.3	242.4	0	0.4	0.40	34549	10878	-45427	1955441
	12	242.2	242.3	0	0.4	0.40	34549	10856	-45405	1910036
	13	242.1	242.2	0	0.4	0.40	34549	10834	-45383	1864654
	14	242	242.1	0	0.4	0.40	34549	10812	-45360	1819293
	15	241.9	242	0	0.4	0.40	34549	10790	-45338	1773955
	16	241.8	241.9	0	0.6	1.10	95206	10768	-105973	1667981
	17	243.7	241.8	2155667	0.7	1.62	139968	10967	2004731	3672712
	18	243.6	243.7	0	0.7	1.62	139968	11167	-151135	3521577
	19	243.5	243.6	0	0.7	1.62	139968	11145	-151113	3370464
	20	243.4	243.5	0	0.7	1.62	139968	11122	-151091	3219373
	21	243.3	243.4	0	0.7	1.62	139968	11100	-151068	3068305
	22	243.2	243.3	0	0.7	1.62	139968	11077	-151046	2917259
	23	243.1	243.2	0	0.7	1.62	139968	11055	-151024	2766235
	24	243	243.1	0	0.6	1.10	95206	11033	-106238	2659997
	25	242.9	243	0	0.6	1.10	95206	11011	-106216	2553780
	26	242.8	242.9	0	0.6	1.10	95206	10988	-106194	2447586
	27	242.7	242.8	0	0.6	1.10	95206	10966	-106172	2341414
	28	242.6	242.7	0	0.6	1.10	95206	10944	-106150	2235264
	29	242.5	242.6	0	0.6	1.10	95206	10922	-106128	2129137
	30	242.4	242.5	0	0.6	1.10	95206	10900	-106106	2023031
	31	243.5	242.4	1252993	0.6	1.10	95206	11011	1146776	3169807
Total				6629067			2544550	338996		3169807

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.158	(ft^3)	(ft^3)
April	1	242.3	243.5	0	0.6	1.10	95206	14983	-110189	3059618
	2	242.2	242.3	0	0.5	0.70	60355	14786	-75141	2984478
	3	242.1	242.2	0	0.5	0.70	60355	14756	-75111	2909367
	4	242	242.1	0	0.5	0.70	60355	14726	-75081	2834286
	5	241.9	242	0	0.5	0.70	60355	14696	-75051	2759236
	6	241.8	241.9	0	0.5	0.70	60355	14666	-75021	2684215
	7	241.7	241.8	0	0.3	0.19	16830	14637	-31467	2652748
	8	241.5	241.7	0	0.3	0.19	16830	14592	-31422	2621326
	9	243	241.5	1684607	0.6	1.10	95206	14787	1574614	4195940
	10	242.9	243	0	0.6	1.10	95206	14997	-110203	4085737
	11	242.8	242.9	0	0.6	1.10	95206	14967	-110173	3975565
	12	242.7	242.8	0	0.6	1.10	95206	14937	-110143	3865422
	13	242.6	242.7	0	0.6	1.10	95206	14907	-110112	3755310
	14	242.5	242.6	0	0.6	1.10	95206	14877	-110082	3645227
	15	242.4	242.5	0	0.6	1.10	95206	14846	-110052	3535175
	16	242.3	242.4	0	0.5	0.70	60355	14816	-75171	3460004
	17	242.2	242.3	0	0.5	0.70	60355	14786	-75141	3384863
	18	242.1	242.2	0	0.5	0.70	60355	14756	-75111	3309753
	19	242	242.1	0	0.5	0.70	60355	14726	-75081	3234672
	20	241.9	242	0	0.5	0.70	60355	14696	-75051	3159621
	21	241.8	241.9	0	0.4	0.40	34549	14666	-49215	3110406
	22	242.4	241.8	671761	0.6	1.10	95206	14741	561814	3672220
	23	242.3	242.4	0	0.6	1.10	95206	14816	-110022	3562198
	24	242.2	242.3	0	0.6	1.10	95206	14786	-109992	3452206
	25	242.1	242.2	0	0.6	1.10	95206	14756	-109962	3342244
	26	242	242.1	0	0.6	1.10	95206	14726	-109932	3232312
	27	241.9	242	0	0.5	0.70	60355	14696	-75051	3157261
	28	241.8	241.9	0	0.5	0.70	60355	14666	-75021	3082241
	29	241.7	241.8	0	0.5	0.70	60355	14637	-74991	3007250
	30	241.6	241.7	0	0.5	0.70	60355	14607	-74961	2932288
Total				2356368			2150848	443039		2932288

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.175	Accountability (ft^3)	Accountability (ft^3)
May	1	241.5	241.6	0	0.4	0.40	34549	16145	-50694	2881594
	2	241.4	241.5	0	0.4	0.40	34549	16112	-50661	2830933
	3	241.3	241.4	0	0.5	0.70	60355	16079	-76434	2754499
	4	241.2	241.3	0	0.5	0.70	60355	16046	-76401	2678098
	5	241.1	241.2	0	0.3	0.19	16830	16013	-32844	2645254
	6	241	241.1	0	0.4	0.40	34549	15980	-50529	2594725
	7	240.9	241	0	0.3	0.19	16830	15948	-32778	2561947
	8	240.8	240.9	0	0.3	0.19	16830	15915	-32745	2529202
	9	240.7	240.8	0	0.4	0.40	34549	15882	-50431	2478771
	10	241.5	240.7	877573	0.5	0.70	60355	15997	801221	3279992
	11	241.4	241.5	0	0.6	1.10	95206	16112	-111318	3168674
	12	241.3	241.4	0	0.6	1.10	95206	16079	-111285	3057388
	13	241.2	241.3	0	0.6	1.10	95206	16046	-111252	2946136
	14	241.1	241.2	0	0.5	0.70	60355	16013	-76368	2869768
	15	241	241.1	0	0.5	0.70	60355	15980	-76335	2793433
	16	240.9	241	0	0.5	0.70	60355	15948	-76302	2717131
	17	240.8	240.9	0	0.4	0.40	34549	15915	-50464	2666667
	18	240.7	240.8	0	0.4	0.40	34549	15882	-50431	2616236
	19	240.6	240.7	0	0.4	0.40	34549	15850	-50399	2565837
	20	241.6	240.6	1096978	0.5	0.70	60355	15998	1020626	3586463
	21	241.5	241.6	0	0.6	1.10	95206	16145	-111351	3475112
	22	241.4	241.5	0	0.6	1.10	95206	16112	-111318	3363794
	23	241.3	241.4	0	0.6	1.10	95206	16079	-111285	3252509
	24	241.2	241.3	0	0.5	0.70	60355	16046	-76401	3176108
	25	241.1	241.2	0	0.5	0.70	60355	16013	-76368	3099740
	26	241	241.1	0	0.5	0.70	60355	15980	-76335	3023405
	27	240.9	241	0	0.5	0.70	60355	15948	-76302	2947102
	28	240.8	240.9	0	0.4	0.40	34549	15915	-50464	2896639
	29	240.7	240.8	0	0.4	0.40	34549	15882	-50431	2846207
	30	240.6	240.7	0	0.4	0.40	34549	15850	-50399	2795809
	31	240.5	240.6	0	0.3	0.19	16830	15817	-32647	2763161
Total				1974551			1647945	495733		2763161

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.201	Accountability (ft^3)	Accountability (ft^3)
June	1	240.3	240.5	0	0.3	0.19	16830	18111	-34941	2728221
	2	240.2	240.3	0	0.3	0.19	16830	18054	-34885	2693336
	3	240.1	240.2	0	0.3	0.19	16830	18017	-34847	2658489
	4	240	240.1	0	0.3	0.19	16830	17979	-34810	2623679
	5	239.9	240	0	0.3	0.19	16830	17942	-34772	2588907
	6	239.8	239.9	0	0.3	0.19	16830	17905	-34735	2554172
	7	239.7	239.8	0	0.3	0.19	16830	17868	-34698	2519474
	8	239.6	239.7	0	0.3	0.19	16830	17830	-34661	2484814
	9	245	239.6	6075068	2	22.35	1931346	18844	4124878	6609692
	10	244.9	245	0	0.7	1.62	139968	19856	-159825	6449867
	11	244.8	244.9	0	0.7	1.62	139968	19817	-159786	6290081
	12	244.7	244.8	0	0.7	1.62	139968	19778	-159747	6130335
	13	244.6	244.7	0	0.7	1.62	139968	19739	-159708	5970627
	14	244.5	244.6	0	0.7	1.62	139968	19700	-159669	5810958
	15	244.4	244.5	0	0.6	1.10	95206	19661	-114867	5696091
	16	244.3	244.4	0	0.6	1.10	95206	19622	-114828	5581264
	17	244.2	244.3	0	0.6	1.10	95206	19583	-114789	5466475
	18	244.1	244.2	0	0.6	1.10	95206	19544	-114750	5351725
	19	244	244.1	0	0.6	1.10	95206	19505	-114711	5237015
	20	243.9	244	0	0.6	1.10	95206	19466	-114672	5122343
	21	243.8	243.9	0	0.6	1.10	95206	19427	-114633	5007710
	22	243.7	243.8	0	0.6	1.10	95206	19388	-114594	4893116
	23	245	243.7	1522942	1.7	14.89	1286493	19623	216827	5109943
	24	244.9	245	0	0.7	1.62	139968	19856	-159825	4950118
	25	244.8	244.9	0	0.7	1.62	139968	19817	-159786	4790332
	26	244.7	244.8	0	0.7	1.62	139968	19778	-159747	4630585
	27	244.6	244.7	0	0.7	1.62	139968	19739	-159708	4470877
	28	244.5	244.6	0	0.7	1.62	139968	19700	-159669	4311209
	29	244.4	244.5	0	0.7	1.62	139968	19661	-159630	4151579
	30	244.3	244.4	0	0.7	1.62	139968	19622	-159590	3991989
Total				7598010			5793747	575436		3991989

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.196	(ft^3)	
July	1	244.2	244.3	0	0.6	1.10	95206	19096	-114302	3877687
	2	244.1	244.2	0	0.8	2.26	195438	19058	-214496	3663191
	3	244	244.1	0	0.6	1.10	95206	19020	-114225	3548966
	4	243.9	244	0	0.6	1.10	95206	18982	-114187	3434778
	5	243.8	243.9	0	0.6	1.10	95206	18944	-114150	3320629
	6	243.7	243.8	0	0.6	1.10	95206	18906	-114112	3206517
	7	243.6	243.7	0	0.6	1.10	95206	18868	-114074	3092443
	8	243.5	243.6	0	0.6	1.10	95206	18831	-114036	2978407
	9	243.4	243.5	0	0.6	1.10	95206	18793	-113998	2864408
	10	243.3	243.4	0	0.6	1.10	95206	18755	-113961	2750448
	11	243.2	243.3	0	0.6	1.10	95206	18717	-113923	2636525
	12	243.1	243.2	0	0.6	1.10	95206	18679	-113885	2522640
	13	245	243.1	2212650	1.5	10.89	940834	19021	1252795	3775435
	14	244.9	245	0	0.7	1.62	139968	19363	-159331	3616104
	15	244.8	244.9	0	0.7	1.62	139968	19324	-159293	3456811
	16	244.7	244.8	0	0.7	1.62	139968	19286	-159255	3297556
	17	244.6	244.7	0	0.7	1.62	139968	19248	-159217	3138339
	18	244.5	244.6	0	0.7	1.62	139968	19210	-159179	2979161
	19	244.4	244.5	0	0.6	1.10	95206	19172	-114378	2864783
	20	244.3	244.4	0	0.6	1.10	95206	19134	-114340	2750443
	21	244.2	244.3	0	0.6	1.10	95206	19096	-114302	2636142
	22	244.1	244.2	0	0.6	1.10	95206	19058	-114263	2521878
	23	244	244.1	0	0.6	1.10	95206	19020	-114225	2407653
	24	243.9	244	0	0.6	1.10	95206	18982	-114187	2293466
	25	243.8	243.9	0	0.6	1.10	95206	18944	-114150	2179316
	26	243.7	243.8	0	0.6	1.10	95206	18906	-114112	2065204
	27	243.6	243.7	0	0.6	1.10	95206	18868	-114074	1951130
	28	243.5	243.6	0	0.6	1.10	95206	18831	-114036	1837094
	29	243.4	243.5	0	0.6	1.10	95206	18793	-113998	1723095
	30	243.3	243.4	0	0.6	1.10	95206	18755	-113961	1609135
	31	243.2	243.3	0	0.6	1.10	95206	18717	-113923	1495212
Total				2212650			4121053	588375		1495212

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability (ft^3)
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.197	(ft^3)	
August	1	243.1	243.2	0	0.6	1.10	95206	18775	-113980	1381231
	2	243	243.1	0	0.6	1.10	95206	18737	-113942	1267289
	3	242.9	243	0	0.6	1.10	95206	18699	-113905	1153384
	4	242.8	242.9	0	0.6	1.10	95206	18661	-113867	1039517
	5	242.7	242.8	0	0.6	1.10	95206	18624	-113830	925688
	6	242.6	242.7	0	0.6	1.10	95206	18586	-113792	811896
	7	242.5	242.6	0	0.6	1.10	95206	18549	-113754	698141
	8	242.4	242.5	0	0.6	1.10	95206	18511	-113717	584425
	9	242.3	242.4	0	0.6	1.10	95206	18474	-113679	470745
	10	242.2	242.3	0	0.6	1.10	95206	18436	-113642	357103
	11	242.1	242.2	0	0.6	1.10	95206	18398	-113604	243499
	12	242	242.1	0	0.5	0.70	60355	18361	-78715	164784
	13	241.9	242	0	0.5	0.70	60355	18324	-78678	86106
	14	241.8	241.9	0	0.5	0.70	60355	18286	-78641	7465
	15	241.7	241.8	0	0.5	0.70	60355	18249	-78604	-71139
	16	241.6	241.7	0	0.5	0.70	60355	18212	-78567	-149706
	17	241.5	241.6	0	0.5	0.70	60355	18175	-78530	-228236
	18	241.4	241.5	0	0.5	0.70	60355	18138	-78492	-306728
	19	241.3	241.4	0	0.5	0.70	60355	18101	-78455	-385183
	20	241.2	241.3	0	0.5	0.70	60355	18064	-78418	-463602
	21	241.1	241.2	0	0.4	0.40	34549	18027	-52576	-516177
	22	241	241.1	0	0.4	0.40	34549	17989	-52538	-568716
	23	240.9	241	0	0.4	0.40	34549	17952	-52501	-621217
	24	241.4	240.9	549037	0.5	0.70	60355	18027	470656	-150561
	25	241.3	241.4	0	0.5	0.70	60355	18101	-78455	-229016
	26	241.2	241.3	0	0.5	0.70	60355	18064	-78418	-307434
	27	241.1	241.2	0	0.5	0.70	60355	18027	-78381	-385816
	28	241	241.1	0	0.4	0.40	34549	17989	-52538	-438354
	29	240.9	241	0	0.4	0.40	34549	17952	-52501	-490855
	30	240.8	240.9	0	0.4	0.40	34549	17916	-52465	-543320
	31	240.7	240.8	0	0.4	0.40	34549	17879	-52428	-595748
Total				549037			2073715	566282		-595748

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.17	(ft^3)	(ft^3)
September	1	240.6	240.7	0	0.4	0.40	34549	15397	-49946	-645694
	2	240.5	240.6	0	0.6	1.10	95206	15365	-110571	-756265
	3	240.4	240.5	0	0.5	0.70	60355	15333	-75688	-831952
	4	240.3	240.4	0	0.4	0.40	34549	15302	-49851	-881803
	5	240.2	240.3	0	0.4	0.40	34549	15270	-49819	-931622
	6	240.1	240.2	0	0.4	0.40	34549	15238	-49787	-981409
	7	245	240.1	5539811	1.1	5.01	433278	16016	5090516	4109107
	8	244.9	245	0	0.7	1.62	139968	16794	-156762	3952345
	9	244.8	244.9	0	0.7	1.62	139968	16761	-156729	3795615
	10	244.7	244.8	0	0.7	1.62	139968	16728	-156696	3638919
	11	244.6	244.7	0	0.7	1.62	139968	16695	-156663	3482255
	12	244.5	244.6	0	0.7	1.62	139968	16662	-156630	3325625
	13	244.4	244.5	0	0.6	1.10	95206	16629	-111835	3213791
	14	244.3	244.4	0	0.6	1.10	95206	16596	-111801	3101989
	15	244.2	244.3	0	0.6	1.10	95206	16563	-111768	2990221
	16	244.1	244.2	0	0.6	1.10	95206	16530	-111735	2878485
	17	245	244.1	1058517	0.9	3.04	262356	16662	779499	3657985
	18	244.9	245	0	0.8	2.26	195438	16794	-212232	3445752
	19	244.8	244.9	0	0.7	1.62	139968	16761	-156729	3289023
	20	244.7	244.8	0	0.7	1.62	139968	16728	-156696	3132326
	21	244.6	244.7	0	0.7	1.62	139968	16695	-156663	2975663
	22	244.5	244.6	0	0.7	1.62	139968	16662	-156630	2819033
	23	244.4	244.5	0	0.7	1.62	139968	16629	-156597	2662436
	24	244.3	244.4	0	0.6	1.10	95206	16596	-111801	2550634
	25	244.2	244.3	0	0.6	1.10	95206	16563	-111768	2438866
	26	244.1	244.2	0	0.6	1.10	95206	16530	-111735	2327130
	27	244	244.1	0	0.6	1.10	95206	16497	-111702	2215428
	28	243.9	244	0	0.6	1.10	95206	16464	-111669	2103758
	29	243.8	243.9	0	0.6	1.10	95206	16431	-111637	1992122
	30	243.7	243.8	0	0.6	1.10	95206	16398	-111604	1880518
Total				6598328			3631776	490286		1880518

Date		Lake			Weir			Evaporation (ft^3)	Daily Net Accountability	Running Net Accountability
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.141	(ft^3)	(ft^3)
October	1	243.6	243.7	0	0.6	1.10	95206	13574	-108779	1771739
	2	243.5	243.6	0	0.6	1.10	95206	13546	-108752	1662986
	3	243.4	243.5	0	0.6	1.10	95206	13519	-108725	1554261
	4	244.4	243.4	1161024	0.7	1.62	139968	13642	1007414	2561675
	5	244.3	244.4	0	0.7	1.62	139968	13765	-153733	2407942
	6	244.2	244.3	0	0.7	1.62	139968	13737	-153706	2254236
	7	244.1	244.2	0	0.7	1.62	139968	13710	-153678	2100558
	8	244	244.1	0	0.6	1.10	95206	13682	-108888	1991670
	9	243.9	244	0	0.6	1.10	95206	13655	-108861	1882809
	10	243.8	243.9	0	0.6	1.10	95206	13628	-108834	1773975
	11	243.7	243.8	0	0.6	1.10	95206	13601	-108807	1665169
	12	244.2	243.7	581081	0.7	1.62	139968	13655	427457	2092626
	13	244.1	244.2	0	0.7	1.62	139968	13710	-153678	1938947
	14	244	244.1	0	0.7	1.62	139968	13682	-153651	1785296
	15	243.9	244	0	0.7	1.62	139968	13655	-153624	1631673
	16	243.8	243.9	0	0.7	1.62	139968	13628	-153596	1478076
	17	243.7	243.8	0	0.6	1.10	95206	13601	-108807	1369270
	18	243.6	243.7	0	0.6	1.10	95206	13574	-108779	1260490
	19	243.5	243.6	0	0.6	1.10	95206	13546	-108752	1151738
	20	243.4	243.5	0	0.6	1.10	95206	13519	-108725	1043013
	21	243.3	243.4	0	0.5	0.70	60355	13492	-73847	969167
	22	243.2	243.3	0	0.5	0.70	60355	13465	-73819	895347
	23	243.1	243.2	0	0.5	0.70	60355	13438	-73792	821555
	24	243	243.1	0	0.5	0.70	60355	13411	-73765	747790
	25	242.9	243	0	0.5	0.70	60355	13383	-73738	674052
	26	242.8	242.9	0	0.4	0.40	34549	13357	-47906	626146
	27	242.7	242.8	0	0.4	0.40	34549	13330	-47879	578268
	28	242.6	242.7	0	0.4	0.40	34549	13303	-47852	530416
	29	242.5	242.6	0	0.3	0.19	16830	13276	-30106	500310
	30	242.4	242.5	0	0.3	0.19	16830	13249	-30079	470231
	31	242.3	242.4	0	0.3	0.19	16830	13222	-30052	440178
Total				1742105			2762889	419556		440178

ATTACHMENT "D"

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.119	Accountability (ft^3)	Accountability (ft^3)
November	1	242.2	242.3	0	0.3	0.19	16830	11136	-27967	412212
	2	242.1	242.2	0	0.6	1.10	95206	11114	-106320	305892
	3	245	242.1	3343997	0.7	1.62	139968	11435	3192593	3498485
	4	244.9	245	0	0.7	1.62	139968	11756	-151724	3346761
	5	244.8	244.9	0	0.7	1.62	139968	11733	-151701	3195060
	6	244.7	244.8	0	0.7	1.62	139968	11710	-151678	3043382
	7	244.6	244.7	0	0.7	1.62	139968	11686	-151655	2891727
	8	244.5	244.6	0	0.6	1.10	95206	11663	-106869	2784858
	9	244.4	244.5	0	0.6	1.10	95206	11640	-106846	2678012
	10	244.3	244.4	0	0.6	1.10	95206	11617	-106823	2571189
	11	244.2	244.3	0	0.6	1.10	95206	11594	-106800	2464390
	12	244.1	244.2	0	0.5	0.70	60355	11571	-71925	2392464
	13	245	244.1	1058517	0.7	1.62	139968	11663	906886	3299350
	14	244.9	245	0	0.7	1.62	139968	11756	-151724	3147626
	15	244.8	244.9	0	0.7	1.62	139968	11733	-151701	2995925
	16	244.7	244.8	0	0.7	1.62	139968	11710	-151678	2844247
	17	244.6	244.7	0	0.7	1.62	139968	11686	-151655	2692592
	18	244.5	244.6	0	0.6	1.10	95206	11663	-106869	2585723
	19	244.4	244.5	0	0.6	1.10	95206	11640	-106846	2478877
	20	244.3	244.4	0	0.6	1.10	95206	11617	-106823	2372054
	21	244.2	244.3	0	0.6	1.10	95206	11594	-106800	2265254
	22	244.1	244.2	0	0.5	0.70	60355	11571	-71925	2193329
	23	244	244.1	0	0.5	0.70	60355	11548	-71902	2121427
	24	243.9	244	0	0.5	0.70	60355	11525	-71879	2049548
	25	243.8	243.9	0	0.5	0.70	60355	11502	-71856	1977692
	26	243.7	243.8	0	0.5	0.70	60355	11479	-71833	1905858
	27	243.6	243.7	0	0.5	0.70	60355	11456	-71810	1834048
	28	243.5	243.6	0	0.5	0.70	60355	11433	-71787	1762261
	29	243.4	243.5	0	0.5	0.70	60355	11410	-71764	1690496
	30	243.3	243.4	0	0.5	0.70	60355	11387	-71741	1618755
Total				4402514			2876912	347026		1618755

Date		Lake			Weir			Evaporation (ft^3)	Daily Net	Running Net
Month	Day	Current Elevation (ft)	Previous Elevation (ft)	Delta Volume (ft^3)	Height (ft)	Flow (ft^3/s)	24hr Volume (ft^3/day)	Daily Rate (in) = 0.097	Accountability (ft^3)	Accountability (ft^3)
December	1	243.2	243.3	0	0.4	0.40	34549	9263	-43812	1574943
	2	243.1	243.2	0	0.4	0.40	34549	9244	-43793	1531149
	3	243	243.1	0	0.3	0.19	16830	9226	-26056	1505094
	4	242.9	243	0	0.3	0.19	16830	9207	-26037	1479056
	5	242.8	242.9	0	0.3	0.19	16830	9189	-26019	1453038
	6	242.7	242.8	0	0.3	0.19	16830	9170	-26000	1427037
	7	242.6	242.7	0	0.3	0.19	16830	9152	-25982	1401056
	8	242.5	242.6	0	0.3	0.19	16830	9133	-25963	1375092
	9	242.4	242.5	0	0.3	0.19	16830	9115	-25945	1349148
	10	243	242.4	679980	0.8	2.26	195438	9161	475381	1824529
	11	242.9	243	0	0.7	1.62	139968	9207	-149176	1675353
	12	242.8	242.9	0	0.7	1.62	139968	9189	-149157	1526196
	13	242.7	242.8	0	0.7	1.62	139968	9170	-149139	1377058
	14	242.6	242.7	0	0.7	1.62	139968	9152	-149120	1227938
	15	242.5	242.6	0	0.7	1.62	139968	9133	-149102	1078836
	16	242.4	242.5	0	0.6	1.10	95206	9115	-104320	974516
	17	242.3	242.4	0	0.6	1.10	95206	9096	-104302	870214
	18	242.2	242.3	0	0.6	1.10	95206	9078	-104283	765930
	19	242.1	242.2	0	0.6	1.10	95206	9059	-104265	661666
	20	242	242.1	0	0.5	0.70	60355	9041	-69395	592270
	21	241.9	242	0	0.5	0.70	60355	9022	-69377	522894
	22	241.8	241.9	0	0.5	0.70	60355	9004	-69359	453535
	23	241.7	241.8	0	0.5	0.70	60355	8986	-69340	384195
	24	241.6	241.7	0	0.5	0.70	60355	8967	-69322	314873
	25	241.5	241.6	0	0.5	0.70	60355	8949	-69304	245569
	26	241.4	241.5	0	0.4	0.40	34549	8931	-43480	202089
	27	241.3	241.4	0	0.4	0.40	34549	8913	-43462	158628
	28	241.2	241.3	0	0.4	0.40	34549	8894	-43443	115184
	29	241.1	241.2	0	0.4	0.40	34549	8876	-43425	71759
	30	241	241.1	0	0.4	0.40	34549	8858	-43407	28353
	31	240.9	241	0	0.4	0.40	34549	8840	-43389	-15036
Total				679980			2032434	281337		-15036

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 22, 2012

CERTIFIED MAIL

Mr. Adam Cohen
LJA Engineering, Inc.
2929 Briarpark Drive, Suite 600
Houston, Texas 77042-3703

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code §11.122, Requiring Full Basin Mailed and Published Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Cohen:

This acknowledges receipt, on July 2, 2012, of additional information for the referenced application.

Additional information is required before the application can be declared technically complete.

1. Provide the protocol that will be used to ensure that state water is not used in the reservoir complex. The protocol should include the following elements.

   a. Provide a text document that includes:

      i. A summary of the requested authorization.

      ii. A summary of the spreadsheet protocol.

      iii. A narrative explanation of each worksheet in the spreadsheet.

      iv. A narrative explanation of each column or lookup table in the worksheets. This section of the text document should be arranged by using the number and title of each column, as it appears in the spreadsheet. At a minimum each column description must include the calculation used and/or the source of data.

b. Provide an Excel file (spreadsheet) that includes:

   i. All calculations used to demonstrate compliance.

   ii. Basic daily data such as flow, storage, and evaporation.

   iii. The units actually used to measure rates and volumes, and any conversion calculations used to convert to acre-feet, cfs, and any other units used.

c. Provide sample data to demonstrate operation of the spreadsheet protocol.

Please submit the requested information by November 23, 2012, or the application may be returned pursuant to Title 30 Texas Administrative Code §281.19. You have the option of having the question of sufficiency of the necessary requested data referred to the Commission for a decision instead of having the application returned; such referral shall be provided by November 23, 2012.

If you have any questions concerning this matter, please contact me by e-mail at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah Henderson, Project Manager
Water Rights Permitting & Availability Section
Water Availability Division

LJA Engineering, Inc.

2929 Briarpark Drive
Suite 600
Houston, Texas 77042-3703

Phone 713.953.5200
Fax 713.953.5026
www.ljaengineering.com

June 27, 2012

Ms. Sarah Henderson, Project Manager
Texas Commission on Environmental Quality (TCEQ)
Attn: Water Rights Permitting & Availability Section
P.O. Box 13087/MC-160
Austin, Texas 78711-3087

Re: SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment
TCEQ Water Rights Permit No. 5712, Montgomery County, Texas
LJA Job No. 1282-1001 (6.0)

Dear Ms. Henderson:

On behalf of SR Superior, LLC (owner of the above mentioned facility), LJA Engineering, Inc. (LJA) would like to submit this letter to the TCEQ as a response to the letter dated April, 3 2012 indicating the request for additional information. The responses directly correlate to the numerical order of the comment letter:

2. Additional information requested as outlined below.

   a. The purpose of flow measurements is to provide a representation of the long term net balance of flows into and out of the Lake "A" watershed. Recently it has been determined that the most effective way to account for the water flowing into Lake "A" is to establish a stage storage measurement that would be monitored on a daily basis. Increases in lake volume will be converted to a storage volume and accounted for at the discharge point just below the lake using the v-notch weir flow calculation. The frequency of measurements at the v-notch weir is proposed at one week intervals or for three days after any measurable increase in volume within the lake.

   b. Monthly, quarterly, and annual running averages for net balance of flow will be calculated after each flow measurement and updated as on a weekly basis. For example, any increase in lake level will be used to establish a volume that will be accounted for at the discharge point immediately downstream from the weir location. The flows measured at the v-notch weir will be averaged over a one week period of time and used to calculate a volume of water released over that period of time. These values will be added to a spreadsheet that calculates a net gain or loss from the lake.

   c. Lake evaporation will be taken into consideration when calculating the net discharge from the site utilizing the average Texas Water Development Board monthly evaporation rates for Region 712 between the years of 2000 & 2010. These rates are shown in Attachment "A". Lake "A" is 28 acres in size and has an average loss rate of 0.13 CFS. This value will be adjusted accordingly depending on the time of year reading is taken. Please note that the majority of the lakes in Skye Ranch have been opened up and no longer impound water. Attachment "B" defines those lakes that no longer hold water.

d. The height of the steel weir plate is proposed to be 3-ft in height from the bottom of the notch to the top of the weir. The bottom of the weir will be at the flow line of the downstream stream/channel bed. The proposed 3-ft tall weirs can measure flow up to 37.97 ft^3/sec. Flows above 37.97 ft^3/sec are assumed to be pass through flow.

Please feel free to contact me should you have any questions or require additional information. Thank you very much for your consideration in this matter.

Sincerely,

David A. Rivera, PE
Project Manager

DAR/dl

Attachment(s)

BETH VANDOREN
713.653.5790
CATHY @ ALEXANDER
512.239.0773

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 3, 2012

Mr. Adam Cohen
LJA Engineering, Inc.
2929 Briarpark Drive, Suite 600
Houston, Texas 77042-3703

CERTIFIED MAIL

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code §11.122, Requiring Full Basin Mailed and Published Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Cohen:

This acknowledges receipt, on March 9 and 15, 2012, of additional information.

Additional information is required before the application can be declared administratively complete.

1. Confirm that all inflows of state water will be passed should they be required to satisfy senior and superior water rights. Note that there is no distinction between base flows and other types of flow.

Please submit the requested information by **May 4, 2012**, or the application may be returned pursuant to Title 30 Texas Administrative Code §281.18.

2. Prior to completion of technical review, provide the following information:
   a. Explain how a weekly reading of an instantaneous flow measurement will indicate that no flows have been impounded.
   b. Explain the running quarterly average calculation.
   c. Explain how the evaporation will be determined and used.
   d. Indicate the height of the steel weir plate above the flowline.

If you have any questions concerning this matter, please contact me by e-mail at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah Henderson, Project Manager
Water Rights Permitting & Availability Section
Water Availability Division

ATTACHMENT 'A'

Texas Water Development Board
Wed Jun 13 11:38:27 CDT 2012
Monthly lake surface evaporation in inches, annual total evaporation in inches

#QUAD	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
712	1954	1.87	3.45	4	4.21	4.8	6.8	6.56	6.56	6.39	5.13	3.34	2.82	55.94
712	1955	2.44	2.14	3.93	4.92	5.31	5.89	5.85	5.08	4.64	5.6	3.92	2.7	52.42
712	1956	2.58	2.98	3.84	4.63	5.7	5.96	8.28	7.41	6.27	4.83	3.05	2.71	58.23
712	1957	1.52	1.96	3.52	3.66	4.72	4.96	6.45	5.96	4.16	3.31	2.59	2.07	44.87
712	1958	1.76	2.13	2.98	3.7	4.27	6.01	5.45	6.03	3.07	2.73	2.06	1.46	41.64
712	1959	1.41	1.51	3.66	3.54	4.62	5.62	5.25	4.2	3.99	3.5	2.28	1.69	41.26
712	1960	1.67	1.93	2.68	3.98	5.22	6.3	5.43	3.42	4.14	2.76	2.04	1.37	40.94
712	1961	1.56	2.14	3.23	4.35	5.09	4.94	4.72	5.06	4.2	4.01	2.29	1.84	43.41
712	1962	1.77	2.62	3.49	4.06	5.12	4.57	6.03	6.53	4.11	4.34	2.81	1.9	47.34
712	1963	1.35	2.23	3.74	4.8	5.37	5.74	5.75	6.07	4.43	4.03	2.71	1.77	48
712	1964	1.79	2.36	3.2	3.93	4.6	5.86	5.82	5.55	4.25	4.38	2.69	1.96	46.38
712	1965	2.35	2.13	3.28	3.92	3.95	5.39	6.16	5.17	4.81	3.51	2.2	1.36	44.23
712	1966	1.37	2.01	3.69	3.93	3.75	6.2	6.59	5.05	4.52	3.77	3.1	1.96	45.95
712	1967	1.99	2.52	4.28	3.99	4.67	6.14	6.11	6.14	4.39	4.51	2.68	1.77	49.19
712	1968	1.74	2.06	2.94	3.31	4.49	4.23	5.38	6.03	4.26	3.75	2.75	2.01	42.96
712	1969	1.7	1.22	3.17	4.31	3.88	5.21	6.73	6.01	4.79	4.46	2.73	1.87	46.07
712	1970	1.32	2.39	2.95	3.87	4.74	5.98	6.41	6.73	4.14	3.5	2.95	2.64	47.61
712	1971	2.06	2.86	3.82	5.35	4.57	6.39	7.92	5.2	4.03	3.88	2.84	1.42	50.36
712	1972	2	2.37	3.81	4.52	4.59	5.63	5.35	4.93	4.03	3.55	2.14	1.32	44.24
712	1973	1.49	1.61	3.11	3.07	4.81	4.49	6.14	4.8	3.88	3.16	3.11	2.4	42.07
712	1974	1.59	2.76	3.5	4.64	4.82	5.32	6.64	5.09	3.47	3.56	2.26	2.01	45.67
712	1975	2.18	2.01	3.11	3.61	3.89	4.93	4.99	4.61	4.27	4.21	3.11	2.06	42.99
712	1976	2.36	2.99	3.38	3.93	4.54	5.43	4.37	5.85	4.33	3.51	2.11	1.95	44.75
712	1977	1.87	2.78	3.42	4.47	5.31	5.88	6.39	5.21	4.94	4.06	2.99	2.51	49.82
712	1978	1.58	1.81	3.63	4.41	5.12	5.62	5.91	6.24	4.11	4.75	2.62	2	47.79
712	1979	2.27	1.81	3.85	3.92	4.64	5.44	5.25	5.14	4.75	4.44	3.02	2.17	46.71
712	1980	1.69	2.43	3.46	4.8	4.91	6.85	8.02	6.95	5.29	4.38	2.71	2.04	53.52
712	1981	2.51	2.26	3.66	4.07	4.96	5.64	5.71	6.46	5.25	3.5	3.19	2.37	49.59
712	1982	1.92	2.14	3.25	3.91	4.58	6.17	6.89	6.74	5.69	4.31	3.31	2.6	51.52
712	1983	2.56	2.45	3.95	4.7	5.32	5.46	6.25	5.46	4.78	3.98	3.25	2.44	50.62
712	1984	1.98	2.97	3.99	5.28	5.86	5.93	6.44	6.1	5.03	4.86	3.63	2.91	54.97
712	1985	2.34	2.86	4.25	4.54	5.45	6.62	5.87	6.87	5.35	4.12	2.61	1.91	52.77
712	1986	2.63	2.97	4.4	4.62	5.46	5.24	6.98	6.05	4.31	3.62	1.96	1.54	49.76
712	1987	2.73	2	4.06	5.45	4.17	5.6	5.86	6.77	4.74	4.25	3.08	1.57	50.27
712	1988	1.97	2.22	3.55	4.62	5.73	5.86	6.3	6.26	5.38	4.48	2.88	1.94	51.19
712	1989	1.93	2.1	3.39	4.19	4.82	5.06	5.63	5.37	5.2	4.38	3.09	2.36	49.1
712	1990	2.02	2.3	3.1	3.73	4.83	6.99	6.08	6.81	4.76	4.14	2.59	1.63	50.65
712	1991	2.57	2.31	3.65	4.06	4.31	6.16	6.43	6.49	6.04	5.31	4.14	5.12	56.6
712	1992	3.55	2.93	3.35	4.1	3.85	5.04	5.3	5	4.53	3.68	3.11	1.71	46.16
712	1993	2.65	2.15	2.65	3.61	5.37	6.92	6.66	7.1	5.53	4.19	2.45	3.23	52.49
712	1994	2.87	3.04	3.37	3.8	5.07	6.11	7.24	5.77	6.11	6.37	3	4.83	57.57
712	1995	2.56	1.97	3.6	4.32	4.95	6.55	6.41	5.53	4.75	4.34	2.73	2.17	49.9
712	1996	2.17	2.75	3.6	5.09	5.63	5.72	6.7	5.62	4.79	4.29	2.55	3.01	51.93
712	1997	2.85	2.05	2.97	5.22	4.75	6.03	7.25	6.79	5.2	4.52	3.3	2.28	53.22
712	1998	1.95	2.6	4.22	5.54	5.03	7.28	7.97	6.68	4.97	3.93	2.3	2.05	54.52
712	1999	3.69	2.61	3.52	4.91	6.42	6.49	6.31	7.41	6.14	4.16	3.01	2.57	57.25
712	2000	2.99	2.36	3.61	4.91	6.36	5.85	7.6	7.1	6.58	3.48	4.8	3.86	59.5
712	2001	1.04	1.57	3.14	3.61	4.66	4.15	5.07	5.25	4.53	3.64	3.09	2.25	42
712	2002	1.92	2.3	3.24	5.14	5.62	5.76	5.1	5.17	5.23	3.07	2.44	2.23	47.25
712	2003	2.13	2.07	3.2	4.09	4.88	6.56	5.89	5.83	4.44	4.34	3.67	3.07	50.17
712	2004	3.14	2.68	3.73	4.19	5.01	5.2	6.02	6.93	5.43	4.14	3.38	3.26	53.13
712	2005	2.44	3.26	3.59	5.14	5.56	6.55	7	5.99	5.51	5.12	4.07	2.63	56.87
712	2006	3.42	3.05	3.94	5.25	5.85	6.75	5.62	6.89	5.3	4.37	3.5	2.65	56.6
712	2007	3.11	2.33	4	3.98	5.61	5.24	5.52	5.92	4.98	4.93	4.1	2.57	52.29
712	2008	4.06	4.19	3.57	4.81	5.1	6.59	6.68	5.44	4.74	4.08	4.39	2.65	56.3
712	2009	2.49	3.4	3.75	6.57	5.34	7.77	7.08	6.02	4.72	6.05	2.78	4.13	60.09
712	2010	2.07	1.92	3.73	4.45	5.55	6.01	5.43	6.52	4.79	4.99	2.99	3.79	52.24

ATTACHMENT "A"

MONTGOMERY COUNTY M.U.D. NO. 123 EVAPORATION CHART

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2000	2.99	2.36	3.61	4.91	6.36	5.85	7.6	7.1	6.58	3.48	4.8	3.86	59.5
2001	1.04	1.57	3.14	3.61	4.66	4.15	5.07	5.25	4.53	3.64	3.09	2.25	42
2002	1.92	2.3	3.24	5.14	5.62	5.76	5.1	5.17	5.23	3.07	2.44	2.23	47.22
2003	2.13	2.07	3.2	4.09	4.88	6.56	5.89	5.83	4.44	4.34	3.67	3.07	50.17
2004	3.14	2.68	3.73	4.19	5.01	5.2	6.02	6.93	5.43	4.14	3.38	3.26	53.11
2005	2.44	3.26	3.59	5.14	5.56	6.55	7	5.99	5.51	5.12	4.07	2.63	56.86
2006	3.42	3.05	3.94	5.25	5.85	6.75	5.62	6.89	5.3	4.37	3.5	2.65	56.59
2007	3.11	2.33	4	3.98	5.61	5.24	5.52	5.92	4.98	4.93	4.1	2.57	52.29
2008	4.06	4.19	3.57	4.81	5.1	6.59	6.68	5.44	4.74	4.08	4.39	2.65	56.3
2009	2.49	3.4	3.75	6.57	5.34	7.77	7.08	6.02	4.72	6.05	2.78	4.13	60.1
2010	2.07	1.92	3.73	4.45	5.55	6.01	5.43	6.52	4.79	4.99	2.99	3.79	52.24
Monthly Avg, in	2.62	2.65	3.59	4.74	5.41	6.04	6.09	6.1	5.11	4.38	3.56	3.01	53.31
Daily Avg, in	0.085	0.091	0.116	0.158	0.175	0.201	0.196	0.197	0.17	0.141	0.119	0.097	1.72
Hourly Avg, in	0.004	0.004	0.005	0.007	0.007	0.008	0.008	0.008	0.007	0.006	0.005	0.004	0.055

ATTACHMENT 'B'

TCEQ Interoffice Memorandum

CCO# 82494

To: Office of the Chief Clerk

Thru: Iliana Delgado
Team Leader

From: Sarah Henderson
Water Rights Permitting Team

Date: May 16, 2012

Subject: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code §11.122, Requiring Full Basin Mailed and Published Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

The application was received on October 13, 2011. Additional information and fees were received on January 18, March 9, and May 4, 2012. The application was declared administratively complete and filed with the Office of the Chief Clerk on May 16, 2012. Notice is being published and mailed to the water right holders of record in the San Jacinto River Basin pursuant to Title 30 Texas Administrative Code §295.158(b)(5).

SR Superior LLC seeks authorization to amend Water Use Permit No. 5712 to remove the requirement to maintain the reservoir full at all time with groundwater and to modify the existing dam on an unnamed tributary of Lake Creek, San Jacinto River Basin in Montgomery County, Texas.

All fees have been paid and the application is sufficient for filing.

Sarah Henderson, Project Manager
Water Rights Permitting Team
Water Availability Division

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 16, 2012

Mr. Adam Cohen
LJA Engineering, Inc.
2929 Briarpark Drive, Suite 600
Houston, Texas 77042-3703

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code §11.122, Requiring Full Basin Mailed and Published Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Cohen:

This acknowledges receipt of the additional information on May 4, 2012.

The application was declared administratively complete and filed with the Office of the Chief Clerk on May 16, 2012. Staff will continue processing the application for consideration by the Executive Director.

If you have questions concerning this application, please contact me by e-mail at sarah.henderson@tceq.texas.gov or by phone at (512) 239-2535.

Sincerely,

Sarah Henderson, Project Manager
Water Rights Permitting Section
Water Availability Division

Enclosure

Sarah Henderson

From: Adam Cohen [redacted]
Sent: Friday, May 04, 2012 3:34 PM
To: Sarah Henderson
Cc: James Brown; Robert Price; Jerry Graham
Subject: WR Permit 5712
Attachments: LJAResponse050412.pdf; TCEQRFI_040312.pdf

Sarah,

Attached please find a response letter to the TCEQ comment letter dated April 3, 2012. As I mentioned, we have not been able to schedule a time to discuss number 2 with technical staff due to schedule conflicts, but will try again early next week to answer any questions they may have regarding the weir structure and flow measurements. Please feel free to contact me with any questions. Thanks.

Adam C. Cohen, PE
Project Manager
LJA Engineering, Inc.
2929 Briarpark Drive, Suite 600
Houston, TX. 77042
Direct: 713.953.5222
Fax: 713.953.5026

LJA Engineering, Inc.

2929 Briarpark Drive
Suite 600
Houston, Texas 77042-3703

Phone 713.953.5200
Fax 713.953.5026
www.ljaengineering.com

May 4, 2012

Ms. Sarah Henderson, Project Manager
Texas Commission on Environmental Quality (TCEQ)
Attn: Water Rights Permitting & Availability Section
P.O. Box 13087/MC-160
Austin, Texas 78711-3087

Re: SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment
TCEQ Water Rights Permit No. 5712, Montgomery County, Texas
LJA Job No. 1282-1001 (6.0)

Dear Ms. Henderson:

On behalf of SR Superior, LLC (owner of the above mentioned facility), LJA Engineering, Inc. (LJA) would like to submit this letter to the TCEQ as a response to the letter dated April, 3 2012 indicating the request for additional information. The responses directly correlate to the numerical order of the comment letter:

1. That is correct.

Please feel free to contact me should you have any questions or require additional information. Thank you very much for your consideration in this matter.

Sincerely,

Adam C. Cohen, PE
Project Manager

ACC/dl

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 3, 2012

Mr. Adam Cohen
LJA Engineering, Inc.
2929 Briarpark Drive, Suite 600
Houston, Texas 77042-3703

CERTIFIED MAIL

91 7108 2133 3935 1948 0597

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code §11.122, Requiring Full Basin Mailed and Published Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Cohen:

This acknowledges receipt, on March 9 and 15, 2012, of additional information.

Additional information is required before the application can be declared administratively complete.

1. Confirm that all inflows of state water will be passed should they be required to satisfy senior and superior water rights. Note that there is no distinction between base flows and other types of flow.

Please submit the requested information by **May 4, 2012**, or the application may be returned pursuant to Title 30 Texas Administrative Code §281.18.

2. Prior to completion of technical review, provide the following information:
   a. Explain how a weekly reading of an instantaneous flow measurement will indicate that no flows have been impounded.
   b. Explain the running quarterly average calculation.
   c. Explain how the evaporation will be determined and used.
   d. Indicate the height of the steel weir plate above the flowline.

If you have any questions concerning this matter, please contact me by e-mail at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah Henderson, Project Manager
Water Rights Permitting & Availability Section
Water Availability Division

LJA Engineering & Surveying, Inc.

2929 Briarpark Drive, Suite 600
Houston, Texas 77042-3703
www.ljaengineering.com
Phone: 713.953.5200
Fax: 713.953.5026

LETTER OF TRANSMITTAL

To: Water Rights Permitting Team	Date: March 13, 2012
Water Supply Division	LJA Job No. 1282-1001(6.1)
T.C.E.Q.	Attention: Ms. Sarah Henderson
P.O. Box 13087 / MC – 160	Re: Water Rights Permit Amendment to Permit No. 5712 (Response Package)
512.239.4770	VIA: Mail

WE ARE SENDING YOU the following items:

□ Shop Drawings □ Prints □ Plans □ Samples □ Specifications

□ Copy of Letter □ Change Order ■ Other _____

Copies	Date	Description
1	03/13/12	Response Package to February 14, 2012 Letter

THESE ARE TRANSMITTED as checked below:

□ For approval
□ For your use
■ As requested
■ For review & comment
□ FOR BIDS DUE _____

□ Approved as submitted
□ Approved as noted
□ Returned for corrections
□ For signatures

□ Resubmit ___ copies for approval
□ Submit _____ copies for distribution
□ Return _____ corrected prints
□ _____
□ Prints returned after loan to us

REMARKS: Ms. Henderson, attached please find the above mentioned information for your review and comment. Should you have any questions or require additional information, please contact me at 71353.5222. Thanks.

c: _____

SIGNED: _____
Adam Cohen, PE
Project Manager

W:\LAND\1282\1282-1001\Sarah_Henderson_tra.doc

LJA Engineering, Inc.

2929 Briarpark Drive
Suite 600
Houston, Texas 77042-3703

Phone 713.953.5200
Fax 713.953.5026
www.ljaengineering.com

March 9, 2012

Ms. Sarah Henderson, Project Manager
Texas Commission on Environmental Quality (TCEQ)
Attn: Water Rights Permitting & Availability Section
P.O. Box 13087/MC-160
Austin, Texas 78711-3087

Re: SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment
TCEQ Water Rights Permit No. 5712, Montgomery County, Texas
LJA Job No. 1282-1001 (6.0)

Dear Ms. Henderson:

On behalf of SR Superior, LLC (owner of the above mentioned facility), LJA Engineering, Inc. (LJA) would like to submit this letter to the TCEQ as a response to the letter dated February, 14 2012 indicating the request for additional information. The responses directly correlate to the numerical order of the comment letter:

1. That is correct.
2. That is correct.
3. No groundwater is proposed to be discharged into the reservoir.
4. The current design is proposed to pass all base flows of state water coming on to the owner's property.
5. The ultimate purpose of monitoring base flows upstream and downstream of the Skye Ranch property is to effectively demonstrate to the TCEQ that no base flows are being impounded by Lake "A".

   In order to monitor the flows, LJA Engineering, Inc. recommends designing a depth gauge weir both upstream and downstream of the property boundaries. See Exhibit A for location of monitoring stations. The channel that outfalls into Lake "A" shall have a five foot long concrete lining installed along with a galvanized steel V-notch weir. The weir side slopes shall be constructed at a ninety-degree angle. See Exhibit B for a generic cross-section exhibit.

   It is proposed that a representative of the owner will go out once a week to take readings on the depth of flow and log it into a data form. See attached Exhibit C for proposed log form. A running quarterly average will be calculated utilizing this information. In addition, the Texas Water Development Board (TWDB) monthly lake surface evaporation rates will be calculated and subtracted from the difference of the two flows, which will indicate no impoundment of surface flows.

Calculations, in cubic foot per second (ft^3/sec), will be calculated by using a V-notch weir equation: $Q = 2.49\ h_1^{2.48}$ where Q is the discharge (in ft^3/sec) and h_1 is the head (in feet). Attached as Exhibit D is a spreadsheet indicating Q per foot of head.

Please feel free to contact me should you have any questions or require additional information. Thank you very much for your consideration in this matter.

Sincerely,

Adam C. Cohen, PE
Project Manager

ACC/dl

Attachment(s)

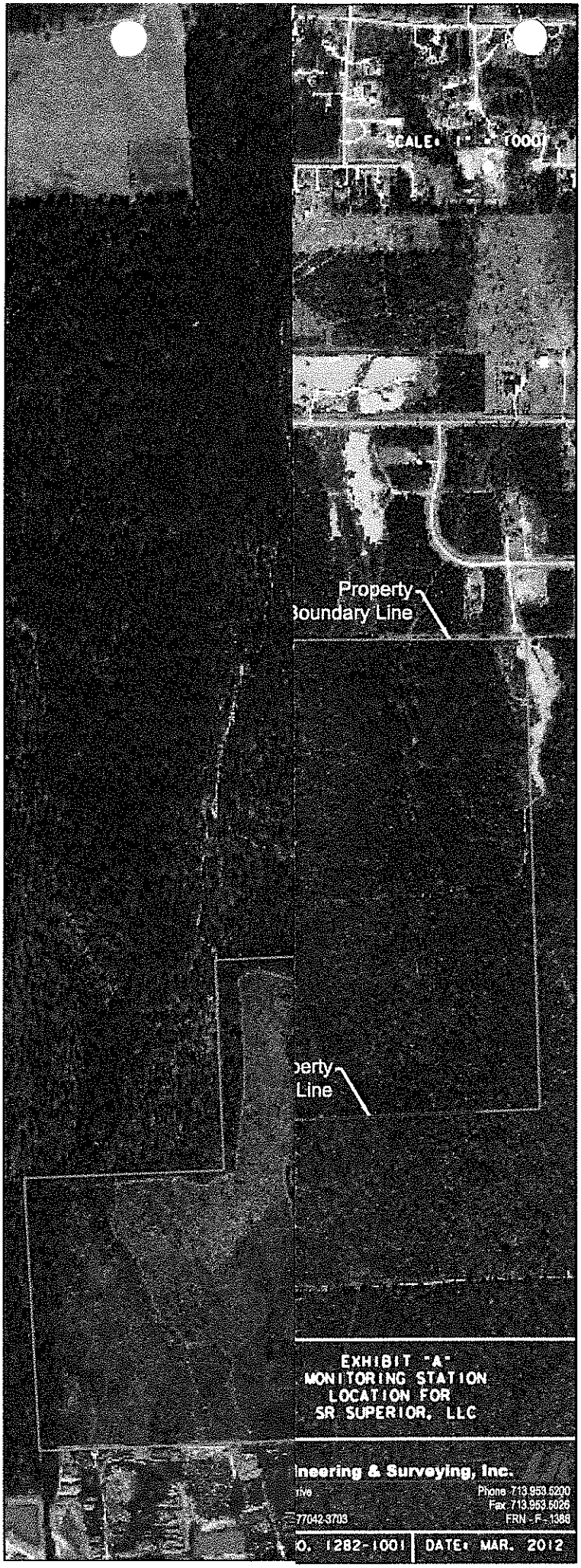
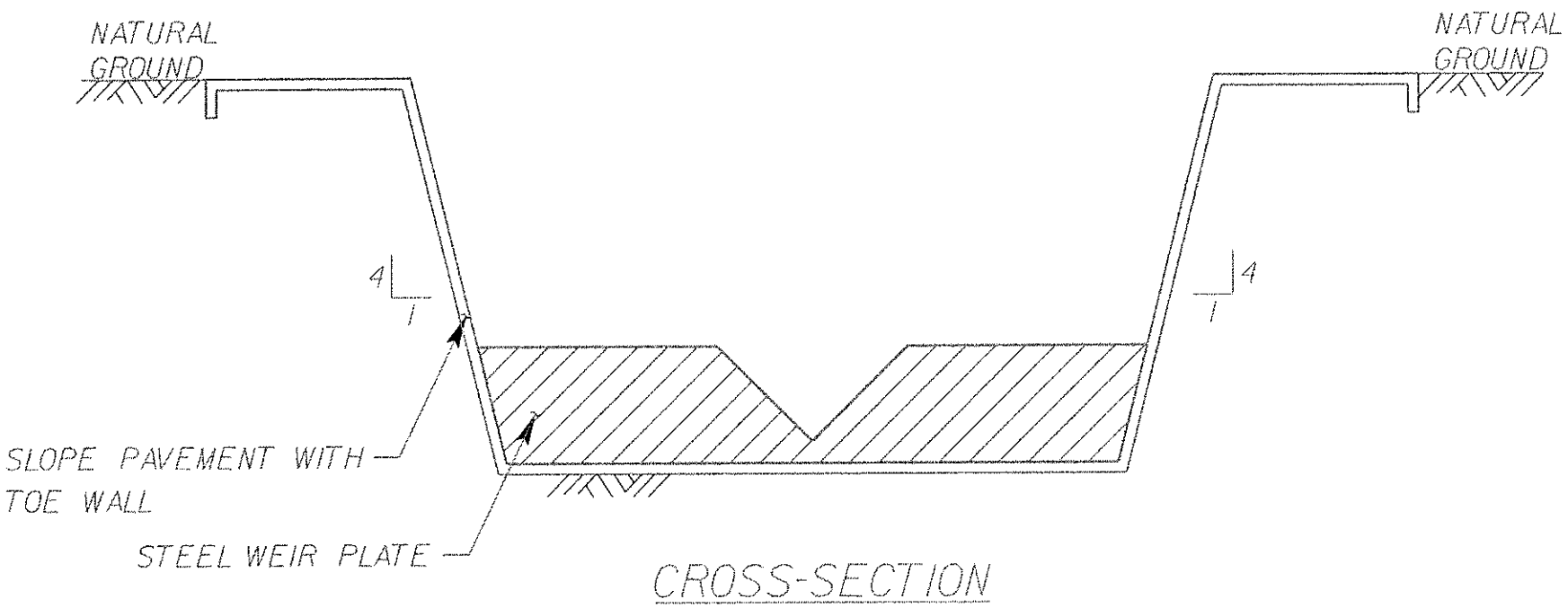


EXHIBIT "A"
MONITORING STATION
LOCATION FOR
SR SUPERIOR, LLC

ineering & Surveying, Inc.
ive
77042-3703
Phone 713.953.5200
Fax 713.953.5026
FRN - F-1386

O. 1282-1001 | DATE: MAR. 2012

WATER RIGHTS MONITORING STATION



CROSS-SECTION

EXHIBIT "B"
DATE: MARCH, 2012

LJA Engineering & Surveying, Inc.
2929 Briarpark Drive
Suite 600
Houston, Texas 77042-3703
Phone 713.953.5200
Fax 713.953.5026
FRN - F - 1386

EXHIBIT "C"

MONTGOMERY COUNTY M.U.D. NO. 123 BASE FLOW LOG FORM

DATE:	
TIME:	
READING BY:	

	LOCATION 1	LOCATION 2
HEIGHT/DEPTH (FT):		
FLOW (CFS):		

EVAPORATION (FT):	
FLOW DIFFERENCE: (LOCATION 2 - LOCATION 1 - EVAPORATION)	

EXHIBIT "D"

Table A7-4. Discharge of 90° V-notch weirs, in ft^3/sec, computed from the formula $Q=2.49h_1^{2.48}$.

Head H, ft	Discharge Q, ft^3/sec	Head H, ft	Discharge Q, ft^3/sec	Head H, ft	Discharge Q, ft^3/sec	Head H, ft	Discharge Q, ft^3/sec
0.20	0.046	0.65	0.856	1.10	3.15	1.55	7.38
.21	.052	.66	.889	1.11	3.23	1.56	7.50
.22	.058	.67	.922	1.12	3.30	1.57	7.62
.23	.065	.68	.957	1.13	3.37	1.58	7.74
.24	.072	.69	.992	1.14	3.45	1.59	7.86
.25	.080	.70	1.03	1.15	3.52	1.60	7.99
.26	.088	.71	1.06	1.16	3.60	1.61	8.11
.27	.097	.72	1.10	1.17	3.68	1.62	8.24
.28	.106	.73	1.14	1.18	3.75	1.63	8.36
.29	.116	.74	1.18	1.19	3.83	1.64	8.49
.30	.126	.75	1.22	1.20	3.91	1.65	8.62
.31	.136	.76	1.26	1.21	3.99	1.66	8.75
.32	.148	.77	1.30	1.22	4.08	1.67	8.88
.33	.159	.78	1.34	1.23	4.16	1.68	9.02
.34	.172	.79	1.39	1.24	4.25	1.69	9.15
.35	.184	.80	1.43	1.25	4.33	1.70	9.28
.36	.198	.81	1.48	1.26	4.42	1.71	9.42
.37	.212	.82	1.52	1.27	4.50	1.72	9.56
.38	.226	.83	1.57	1.28	4.59	1.73	9.70
.39	.241	.84	1.62	1.29	4.68	1.74	9.83
.40	.257	.85	1.66	1.30	4.77	1.75	9.98
.41	.273	.86	1.71	1.31	4.86	1.76	10.1
.42	.290	.87	1.76	1.32	4.96	1.77	10.3
.43	.307	.88	1.81	1.33	5.05	1.78	10.4
.44	.325	.89	1.87	1.34	5.15	1.79	10.6
.45	.344	.90	1.92	1.35	5.24	1.80	10.7
.46	.363	.91	1.97	1.36	5.34	1.81	10.8
.47	.383	.92	2.02	1.37	5.44	1.82	11.0
.48	.403	.93	2.08	1.38	5.53	1.83	11.1
.49	.425	.94	2.14	1.39	5.63	1.84	11.3
.50	.446	.95	2.19	1.40	5.74	1.85	11.4
.51	.469	.96	2.25	1.41	5.84	1.86	11.6
.52	.492	.97	2.31	1.42	5.94	1.87	11.8
.53	.516	.98	2.37	1.43	6.05	1.88	11.9
.54	.540	.99	2.43	1.44	6.15	1.89	12.1
.55	.565	1.00	2.49	1.45	6.26	1.90	12.2
.56	.591	1.01	2.55	1.46	6.36	1.91	12.4
.57	.618	1.02	2.62	1.47	6.47	1.92	12.6
.58	.645	1.03	2.68	1.48	6.58	1.93	12.7
.59	.673	1.04	2.74	1.49	6.69	1.94	12.9
.60	.701	1.05	2.81	1.50	6.81	1.95	13.0
.61	.731	1.06	2.88	1.51	6.92	1.96	13.2
.62	.761	1.07	2.94	1.52	7.03	1.97	13.4
.63	.792	1.08	3.01	1.53	7.15	1.98	13.5
.64	.823	1.09	3.08	1.54	7.27	1.99	13.7

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 14, 2012

Mr. Adam Cohen
LJA Engineering, Inc.
2929 Briarpark Drive, Suite 600
Houston, Texas 77042-3703

CERTIFIED MAIL
91 7108 2133 3935 1988 1646

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code §11.122, Requiring Full Basin Mailed and Published Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Cohen:

This acknowledges receipt, on January 10 and 18, 2012, of additional information and fees in the amount of $219.69 (Receipt Nos. R216415A/B, copies enclosed).

Additional information is required before the application can be declared administratively complete.

1. Confirm that the application requests to impound 199 acre-feet of state water.

2. Confirm the drainage area above the reservoir to be 194 acres. The breach analysis report indicates a drainage area of 194 acres.

3. Indicate whether any groundwater will continue to be discharged into the reservoir.

4. Confirm that inflows of state water will be passed should they be required to satisfy senior and superior water rights.

5. Prior to completion of technical review, provide the locations of the monitoring devices, indicate how they will be operated on a daily basis, and provide an example of the calculations used to determine the flows leaving the reservoir. Indicate how the Texas Water Development Board (TWDB) monthly lake surface evaporation rates will be used in these calculations. Note that these rates are not available on a real time basis.

Please submit the requested information by March 14, 2012, or the application may be returned pursuant to Title 30 Texas Administrative Code §281.18.

If you have any questions concerning this matter, please contact me by e-mail at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah Henderson, Project Manager
Water Rights Permitting & Availability Section
Water Availability Division

Enclosure

TCEQ 23-JAN-12 08:18 AM

TCEQ - A/R RECEIPT REPORT BY ACCOUNT NUMBER

Fee Description	Fee Code / Account# / Account Name	Ref#1 / Ref#2 / Paid In By	Check Number / Card Auth. / User Data	CC Type / Tran Code / Rec Code	Slip Key / Document#	Tran Date	Tran Amount
WTR USE PERMITS	WUP	R216415A	38727		BS00021086	23-JAN-12	-$101.25
	WUP	5712A	011912	N	D2802344		
	WATER USE PERMITS	LJA ENGINEERING & SURVEYING INC	RCROWDER	CK			
				Total (Fee Code):			-$101.25

TCEQ 23-JAN-12 08:18 AM

TCEQ - A/R RECEIPT REPORT BY ACCOUNT NUMBER

Fee Description	Fee Code / Account# / Account Name	Ref#1 / Ref#2 / Paid In By	Check Number / Card Auth. / User Data	CC Type / Tran Code / Rec Code	Slip Key / Document#	Tran Date	Tran Amount
WTR USE PERMITS	WUP	R216415A	38727		BS00021086	23-JAN-12	-$101.25
	WUP	5712A	011912	N	D2802344		
	WATER USE PERMITS	LJA ENGINEERING & SURVEYING INC	RCROWDER	CK			
				Total (Fee Code):			-$101.25

RECEIVED
2012 JAN 24 PM 3:57
WATER AVAILABILITY DIV.
TCEQ

LJA Engineering, Inc.

2929 Briarpark Drive
Suite 600
Houston, Texas 77042-3703

Phone 713.953.5200
Fax 713.953.5026
www.ljaengineering.com

January 10, 2012

Sarah Henderson, Project Manager
Texas Commission on Environmental Quality (TCEQ)
Attn: Water Rights Permitting & Availability Section
P.O. Box 13087/MC-160
Austin, Texas 78711-3087

Re: SR Superior LLC 28 Acre Lake (Lake "A") – Water Rights Permit Amendment
TCEQ Water Rights Permit No. 5712, Montgomery County, Texas
LJA Job No. 1282-1001 (6.0)

Dear Ms. Henderson:

On behalf of SR Superior, LLC (owner of the above mentioned facility), LJA Engineering, Inc. (LJA) would like to submit this letter to the TCEQ as a response to the letter dated December 6, 2011 indicating the request for additional information. The responses directly correlate to the numerical order of the comment letter:

1. Please see the attached letter signed by Mr. Doug Brown, Managing Director of SR Superior, LLC appointing Adam Cohen as an agent for the owner with respect to permit amendments on TCEQ Water Rights Permit No. 5712 pursuant to Title 30 Texas Administrative Code (TAC) 295.14 (5).
2. Please see the attached Existing Dam form filled out.
3. Please see the attached USGS 7.5 minute topographical map showing the location of the existing dam.
4. The location of the dam has been confirmed and the Latitude and Longitude calculated by staff is correct.
5. Due to the withdrawal restrictions imposed by the Lone Star Groundwater Conservation District, groundwater cannot be utilized to maintain the reservoir at the existing normal water surface elevation. The owner is, however, proposing to lower the water surface elevation in order to reduce the amount of impounded surface water.
6. The drainage area of the reservoir has been calculated to be 825 acres or 1.29 sq. miles and exhibits provided to the TCEQ in the Emergency Action Plan and Breach Analysis which was submitted in October 2010. Additional copies can be provided if requested.
7. LJA Engineering, Inc. is currently working on a process in order to determine flows entering and leaving the reservoir. Once complete, that process will be submitted to staff for review and comment.

8. The application requests that the existing permit be amended to allow impoundment of 199 ac-ft of surface water. However through monitoring, the owner will show that all base flows, within the watershed entering the property, will leave the property. Due to the withdrawal restrictions imposed by the Lone Star Groundwater Conservation District, groundwater cannot be utilized to maintain the reservoir level. The owner is, however, proposing to lower the water surface elevation in order to reduce the amount of impounded surface water. According to the Texas Water Development Board, the monthly lake surface evaporation (in inches) for Montgomery County, is:

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2010	2.07	1.92	3.73	4.45	5.55	6.01	5.43	6.52	4.79	4.99	2.99	3.79	52.24

9. Please see the attached fee of $219.69.

Please feel free to contact me should you have any questions or require additional information. Thank you very much for your consideration in this matter.

Sincerely,

Adam C. Cohen, PE
Project Manager

ACC/dl

Texas Commission on Environmental Quality

INFORMATION SHEET: EXISTING DAM

(PLEASE PRINT OR TYPE)
Reference 30 Texas Administrative Code, Chapter 299, Dams and Reservoirs

SECTION 1: OWNER INFORMATION

Owner's Name Douglas S. Brown Title Managing Director
Organization SR Superior, LLC

(Signature of Owner) *(Date)*

Owner's Address 11990 San Vicente Boulevard, Suite 200
City Los Angeles State California Zip Code 90049
Phone Number (310) 806-9800 Emergency Contact Phone (713) 953-5222 (Engineer)
Fax Number (310) 806-9801 E-mail [redacted] (Engineer)
Owner Code *(Please check one)*: ☐ Federal (F) ☐ Local Government (L) ☐ Utility (U) ■ Private (P) ☐ State (S)
☐ Other (O) please specify:
Year Built 2004 Year Modified N/A
Dam and Reservoir Use *(Please check one)*: ☐ Augmentation ☐ Diversion ☐ Domestic ☐ Erosion Control
☐ Evaporation ☐ Flood Control ☐ Fire Control ☐ Fish ☐ Hydroelectric ☐ Industrial
☐ Irrigation ☐ Mining ☐ Municipal ☐ Pollution Control ■ Recreation ☐ Stock Water
☐ Settling Ponds ☐ Tailings ☐ Waste Disposal ☐ Other, please specify:
Engineering Firm LJA Engineering, Inc.
Project Engineer Adam C. Cohen, PE Texas P.E. License Number 99329
Engineering Firm Address 2929 Briarpark Dr., Suite 600
City Houston State Texas Zip Code 77042
Phone (713) 953-5200 Fax 713) 953-5026
E-mail [redacted]

SECTION 2: GENERAL INFORMATION

Name of Dam Skye Ranch Dam "A"
Other Name(s) of Dam Grand Lake Estates Section 2 Dam
Reservoir Name Skye Ranch Lake "A"
Location Montgomery County MUD 123 Latitude 30.280895° N Longitude 95.637628° W
County Montgomery County Stream Name Unnamed Tributary to Lake Creek
River Basin San Jacinto Topographic Map No. N/A
Distance & Direction from Nearest City or Town Approximately 15 miles southwest of Conroe, Texas
Last Inspection Date 12-11-07 Inspected by (name of company or agency) TCEQ
TX Number 07262 Water Rights Number 5712
Date of Emergency Action Plan (EAP), if one exists Submitted in October 2010
Describe the current operating condition of dam overall good condition with minor maintenance recommendations

If you have questions on how to fill out this form or about the Dam Safety Program, please contact us at 512-239-5195. Individuals are entitled to request and review their personal information that the agency gathers on its forms.

They may also have any errors in their information corrected. To review such information, contact us at 512-239-3282.

SECTION 3: INFORMATION ON DAM

Classification

Size Classification: ☐ Large ☐ Medium ■ Small

Hazard Classification: ☐ High ■ Significant ☐ Low

Number of People at Risk 3 residence Study Year 2010

Type of Dam: ☐ Concrete ☐ Gravity ■ Earthfill ☐ Rockfill ☐ Masonry ☐ Other (specify) _____

Dam Structure (dimensions to nearest tenth of foot, volume to nearest acre-foot or cubic yard, areas to nearest acre):

Spillway Height 21 ft *(natural surface of ground to bottom of emergency spillway at longitudinal centerline)*

Embankment Height 23.25 ft *(natural surface of ground to crest of dam at centerline)*

Structural Height 2.25 ft *(bottom of cutoff trench to crest of dam at centerline)*

Length of Dam 35 ft Crest Width 12 ft

Normal Pool Elevation 245.25 ft-MSL Principal Spillway Elevation 245.25 ft-MSL

Emergency Spillway Elevation 245.25 ft-MSL Top of Dam Elevation 247.5 ft-MSL

Embankment Volume N/A cu yd

Maximum Impoundment Capacity 315 ac-ft *(at top of dam)*

Normal Reservoir Capacity 240 ac-ft *(at normal or conservation pool)*

Reservoir Surface Area 26.64 acres *(at normal or conservation pool)*

Outlet

Outlet Diameter: N/A ☐ in ■ ft *(check one)*

Type: Trap. weir 12' BW

Principal Spillway

Type: ☐ Natural ☐ Riprap ☐ Concrete ☐ CMP ☐ RCP ■ Other

Width (Diam.): 12' weir ft Capacity: 1118 cfs

Emergency Spillway

Type: ☐ Natural ☐ Riprap ☐ Concrete ☐ CMP ☐ RCP ☐ Other

Width (Diam.): N/A ft Capacity: N/A cfs

Total Spillway Capacity: N/A cfs (crest of the dam)

SECTION 4: HYDROLOGIC INFORMATION

Required Hydrologic Criteria (% PMF) 25 % PMF Passing 43

PMF Study Year 2000

Drainage Area: 825 acres, or 1.29 sq mi

Curve Number (AMC III condition) N/A

Time of Concentration 1.16 hr

Peak Discharge 2600 (PMF) cfs

Peak Stage 248.8 ft-MSL

Storm Duration Causing Peak Stage 1 hr

REGENT PROPERTIES

January 2, 2012

Sarah Henderson, Project Manager
Texas Commission on Environmental Quality (TCEQ)
Attn: Water Rights Permitting & Availability Section
P.O. Box 13087
Austin, Texas 78711-3087

Re: SR Superior LLC 28 Acre Lake (Lake "A")
TCEQ Water Rights Permit No. 5712, Montgomery County, Texas
LJA Job No. 1282-1001 (6.0)

Dear Ms. Henderson:

On behalf of SR Superior, LLC (owner of the above mentioned facility), I appoint LJA Engineering, Inc. (LJA), specifically Adam C. Cohen, P.E., as acting agent with respect to permit amendments on TCEQ Water Rights Permit No. 5712 pursuant to Title 30 Texas Administrative Code (TAC) 295.14 (5).

Please feel free to contact me should you have any questions or require additional information. Thank you very much for your consideration in this matter.

Sincerely,

Doug Brown
Managing Director
SR Superior LLC

11990 San Vicente Boulevard · Suite 200 · Los Angeles CA 90049 · 310.806.9800 · Fax 310.806.9801 · www.regentproperties.com

TCEQ - A/R RECEIPT REPORT BY ACCOUNT NUMBER

TCEQ 23-JAN-12 08:18 AM

Fee Description	Fee Code / Account# / Account Name	Ref#1 / Ref#2 / Paid In By	Check Number / Card Auth. / User Data	CC Type / Tran Code / Rec Code	Slip Key / Document#	Tran Date	Tran Amount
WTR USE PERMITS	WUP	R216415A	38727		BS00021086	23-JAN-12	-$101.25
	WUP	5712A	011912	N	D2802344		
	WATER USE PERMITS	LJA ENGINEERING & SURVEYING INC	RCROWDER	CK			
				Total (Fee Code):			-$101.25

TCEQ 23-JAN-12 08:18 AM

TCEQ - A/R RECEIPT REPORT BY ACCOUNT NUMBER

Fee Description	Fee Code / Account# / Account Name	Ref#1 / Ref#2 / Paid In By	Check Number / Card Auth. / User Data	CC Type / Tran Code / Rec Code	Slip Key / Document#	Tran Date	Tran Amount
NOTICE FEES-WUP-WATER USE PERM	PTGU PTGU NOTICE FEES WUP WATER USE PERMITS	R216415B 5712A LJA ENGINEERING & SURVEYING INC	38727 011912 RCROWDER	 N CK	BS00021086 D2802344	23-JAN-12	-$118.44
				Total (Fee Code):			-$118.44

Sarah Henderson - Water Rights Permit No. 5712

From:	Adam Cohen <[redacted]
To:	Sarah.Henderson@tceq.texas.gov
Date:	1/10/2012 6:15 PM
Subject:	Water Rights Permit No. 5712
Attachments:	Information Sheet Existing Dam_signed.pdf; skye_usgs_dam.pdf; TCEQ_Henderson_DamA_ltr_signed 1-2-12.pdf; WRPerm5712_ResponseLetter.pdf; WRPerm5712_Check.pdf

Ms. Henderson,

Attached please find a response letter as well as the necessary backup regarding your request for additional information dated December 6, 2012. The original will be placed in the mail to your attention. Please feel free to contact me should you have any questions or require additional information. Thank you for your consideration in this matter.

Adam C. Cohen, PE
Project Manager
LJA Engineering, Inc.
2929 Briarpark Drive, Suite 600
Houston, TX. 77042
Direct: 713.953.5222
Fax: 713.953.5026

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 6, 2011

Mr. Adam Cohen
LJA Engineering, Inc.
2929 Briarpark Drive, Suite 600
Houston, Texas 77042-3703

CERTIFIED MAIL

91 7108 2133 3935 2147 8254

RE: SR Superior LLC
WRPERM 5712
CN603487182, RN104486410
Application No. 5712A to Amend Water Use Permit No. 5712
Texas Water Code §11.122, Requiring Full Basin Mailed and Published Notice
Unnamed tributary of Lake Creek, San Jacinto River Basin
Montgomery County

Dear Mr. Cohen:

This acknowledges receipt, on October 13, 2011, of the referenced application.

Additional information and fees are required before the application can be declared administratively complete.

1. Provide documentation evidencing that Mr. Adam Cohen has authority to sign for SR Superior LLC pursuant to Title 30 Texas Administrative Code (TAC) §295.14(5) (copy enclosed).

2. Complete and return the *Information Sheet: Existing Dam* (copy enclosed).

3. Provide a USGS 7.5 minute topographical map showing the location of the existing dam.

4. Confirm the location of the reservoir. Staff has calculated the coordinates of the reservoir to be Latitude 30.280895° N and Longitude 95.637628° W.

5. Clarify whether groundwater will be used to maintain the reservoir at a reduced water surface elevation and indicate that elevation. Also, if groundwater is to be used, provide a copy of the revised Lone Star Groundwater Conservation District's (LGCD) groundwater permit.

6. Confirm the drainage area of the reservoir. Staff has calculated the drainage area to be 224.4 square miles.

7. Prior to completion of technical review, provide the locations of the monitoring devices, indicate how they will be operated on a daily basis, and provide an example of the calculations used to determine the flows entering and leaving the reservoir.

8. Confirm that the application does not request authorization to impound state water.

9. Remit fees in the amount of **$219.69**, as described below. Please make the check payable to the TCEQ or Texas Commission on Environmental Quality.

Filing	$100.00
Recording ($1.25 x 1 page)	$1.25
Postage (San Jacinto River Basin)	$118.44
Total Fees	$219.69
Fees Received	$0.00
Fees Due	**$219.69**

Please submit the requested information and fees by January 6, 2011, or the application may be returned pursuant to Title 30 TAC §281.18.

If you have any questions concerning this matter, please contact me by e-mail at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah Henderson, Project Manager
Water Rights Permitting & Availability Section
Water Availability Division

Enclosures

<<Prev Rule

Texas Administrative Code

Next Rule>>

TITLE 30	ENVIRONMENTAL QUALITY
PART 1	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
CHAPTER 295	WATER RIGHTS, PROCEDURAL
SUBCHAPTER A	REQUIREMENTS OF WATER RIGHTS APPLICATIONS GENERAL PROVISIONS
DIVISION 1	GENERAL REQUIREMENTS
RULE §295.14	**Signature of Applicant**

The application shall be signed as follows.

(1) If the applicant is an individual, the application shall be signed by the applicant or the applicant's duly appointed agent. An agent shall provide written evidence of his or her authority to represent the applicant. If the applicant is an individual doing business under an assumed name, the applicant shall attach to the application an assumed name certificate from the county clerk of the county in which the principal place of business is located.

(2) A joint application shall be signed by each applicant or each applicant's duly authorized agent, with written evidence of such agency to be submitted with the application. If land is owned by both husband and wife, each shall sign the application. Joint applicants shall select one among them to act for and represent the others in pursuing the application with the commission, with written evidence of such representation to be submitted with the application.

(3) If the application is by a partnership, the application shall be signed by one of the general partners. If the applicant is a partnership doing business under an assumed name, it shall attach to the application an assumed name certificate from the county clerk of the county in which the principal place of business is located.

(4) If the applicant is an estate or guardianship, the application shall be signed by the duly appointed guardian or representative of the estate, and a current copy of the letters issued by the court shall be attached to the application.

(5) If the applicant is a corporation, public district, county, municipality, or other corporate entity, the application shall be signed by a duly authorized official. Written evidence in the form of bylaws, charters, or resolutions which specify the authority of the official to take such action shall be submitted. A corporation may file a corporate affidavit as evidence of the official's authority to sign.

(6) If the applicant is acting as trustee for another, the applicant shall sign as trustee, and in the application shall disclose the nature of the trust agreement and give the name and current address of each trust beneficiary.

Source Note: The provisions of this §295.14 adopted to be effective May 28, 1986, 11 TexReg 2324.

Next Page Previous Page

List of Titles Back to List

Texas Dam Safety Program, MC 174
Field Operations Support Division, Office of Compliance and Enforcement
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711

INFORMATION SHEET: EXISTING DAM

(PLEASE PRINT OR TYPE)

Reference 30 Texas Administrative Code, Chapter 299, Dams and Reservoirs

SECTION 1: OWNER INFORMATION

Owner's Name _____ Title _____

Organization _____

_____ _____

(Signature of Owner) *(Date)*

Owner's Address _____

City _____ State _____ Zip Code _____

Phone Number ( ) _____ Emergency Contact Phone ( ) _____

Fax Number ( ) _____ E-mail _____

Owner Code *(Please check one)*: ❑ Federal (F) ❑ Local Government (L) ❑ Utility (U) ❑ Private (P) ❑ State (S)
❑ Other (O) please specify: _____

Year Built _____ Year Modified _____

Dam and Reservoir Use *(Please check one)*: ❑ Augmentation ❑ Diversion ❑ Domestic ❑ Erosion Control
❑ Evaporation ❑ Flood Control ❑ Fire Control ❑ Fish ❑ Hydroelectric ❑ Industrial
❑ Irrigation ❑ Mining ❑ Municipal ❑ Pollution Control ❑ Recreation ❑ Stock Water
❑ Settling Ponds ❑ Tailings ❑ Waste Disposal ❑ Other, please specify: _____

Engineering Firm _____

Project Engineer _____ Texas P.E. License Number _____

Engineering Firm Address _____

City _____ State _____ Zip Code _____

Phone ( ) _____ Fax ( ) _____

E-mail _____

SECTION 2: GENERAL INFORMATION

Name of Dam _____

Other Name(s) of Dam _____

Reservoir Name _____

Location _____ Latitude _____ Longitude _____

County _____ Stream Name _____

River Basin _____ Topographic Map No. _____

Distance & Direction from Nearest City or Town _____

Last Inspection Date _____ Inspected by (name of company or agency) _____

TX Number _____ Water Rights Number _____

Date of Emergency Action Plan (EAP), if one exists _____

Describe the current operating condition of dam _____

_____

If you have questions on how to fill out this form or about the Dam Safety Program, please contact us at 512-239-5195. Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512-239-3282.

SECTION 3: INFORMATION ON DAM

Classification

Size Classification: ❑ Large ❑ Medium ❑ Small

Hazard Classification: ❑ High ❑ Significant ❑ Low

Number of People at Risk _____ Study Year _____

Type of Dam: ❑ Concrete ❑ Gravity ❑ Earthfill ❑ Rockfill ❑ Masonry ❑ Other (specify) _____

Dam Structure (dimensions to nearest tenth of foot, volume to nearest acre-foot or cubic yard, areas to nearest acre):

Spillway Height _____ ft *(natural surface of ground to bottom of emergency spillway at longitudinal centerline)*

Embankment Height _____ ft *(natural surface of ground to crest of dam at centerline)*

Structural Height _____ ft *(bottom of cutoff trench to crest of dam at centerline)*

Length of Dam _____ ft Crest Width _____ ft

Normal Pool Elevation _____ ft-MSL Principal Spillway Elevation _____ ft-MSL

Emergency Spillway Elevation _____ ft-MSL Top of Dam Elevation _____ ft-MSL

Embankment Volume _____ cu yd

Maximum Impoundment Capacity _____ ac-ft *(at top of dam)*

Normal Reservoir Capacity _____ ac-ft *(at normal or conservation pool)*

Reservoir Surface Area _____ acres *(at normal or conservation pool)*

Outlet

Outlet Diameter: _____ ❑ in ❑ ft *(check one)*

Type: _____

Principal Spillway

Type: ❑ Natural ❑ Riprap ❑ Concrete ❑ CMP ❑ RCP ❑ Other

Width (Diam.): _____ ft Capacity: _____ cfs

Emergency Spillway

Type: ❑ Natural ❑ Riprap ❑ Concrete ❑ CMP ❑ RCP ❑ Other

Width (Diam.): _____ ft Capacity: _____ cfs

Total Spillway Capacity: _____ cfs (crest of the dam)

SECTION 4: HYDROLOGIC INFORMATION

Required Hydrologic Criteria (% PMF) _____ % PMF Passing _____

PMF Study Year _____

Drainage Area: _____ acres, or _____ sq mi

Curve Number (AMC III condition) _____

Time of Concentration _____ hr

Peak Discharge _____ cfs

Peak Stage _____ ft-MSL

Storm Duration Causing Peak Stage _____ hr

LJA Engineering, Inc.

2929 Briarpark Drive
Suite 600
Houston, Texas 77042-3703

Phone 713.953.5200
Fax 713.953.5026
www.ljaengineering.com

October 13, 2011

Ms. Sarah Henderson
Water Rights Permitting Team
Water Supply Division
Texas Commission on Environmental Quality (TCEQ)
P.O. Box 13087/MC-160
Austin, Texas 78711-3087

Re: SR Superior LLC 28 Acre Lake (Lake "A")
TCEQ Water Rights Permit No. 5712, Montgomery County, Texas
TCEQ Investigation Number: 899115
LJA Job No. 1282-0901 (6.0)

Dear Ms. Henderson:

Enclosed please find the Application for Amendment to Water Rights Permit No. 5712 for TCEQ's review and comment. Also enclosed is a letter indicating the requested changes as well as an exhibit depicting those changes.

Please feel free to contact me should you have any questions or require additional information. Thank you very much for your consideration in this matter.

Sincerely,

Adam C. Cohen, PE
Project Manager

ACC/dl

Attachment

Texas Commission on Environmental Quality

PO Box 13087, MC-160, Austin, Texas 78711-3087
Telephone (512) 239-4691, FAX (512) 239-4770

APPLICATION FOR AMENDMENT TO A WATER RIGHT

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and Penalty Protocol.

Customer Reference Number (if issued): CN 603487182

Note: If you do not have a Customer Reference Number, complete Section II of the Core Data Form (TCEQ-10400) and submit it with this application.

1. Name: SR SUPERIOR, LLC C/O LJA ENGINEERING, INC. ATTN. ADAM COHEN, PE.
   Address: 2929 BRIARPARK DR., SUITE 600
   HOUSTON, TX. 77042
   Phone Number: 713.953.5222 Fax Number: 713.953.5026
   Email Address: [redacted]

2. Applicant owes fees or penalties?
   ☐ Yes ☒ No
   If yes, provide the amount and the nature of the fee or penalty as well as any identifying number:
   N/A

3. ☒ Permit No. 5712 ☐ Certificate of Adjudication No. _____
   Stream: UNNAMED TRIBUTARY OF LAKE CREEK Watershed: LAKE CREEK
   Reservoir (present condition, if one exists): EXISTING 28 AC RESERVOIR
   County: MONTGOMERY

4. Proposed Changes To Water Right Authorizations:
   SEE ATTACHED LETTER WITH EXHIBIT
   (Attach additional page as necessary, attach map/plat depicting project location, diversion point, place of use, and other pertinent data).

5. I understand the Agency may require additional information in regard to the requested amendment before considering this application.

[signature]
Name (sign)

Name (sign)

ADAM COHEN
Name (print)

Name (print)

Subscribed and sworn to me as being true and correct before me this 12th day of October, 2011.

REBECCA ARNOLD
My Commission Expires
March 28, 2015

[signature]
Notary Public, State of Texas

RECEIVED
2011 OCT 18 AM 11 41
WATER SUPPLY DIV.
TCEQ

Supplemental Diversion Point Information Sheet

Diversion Point No. DAM "A"

1) Watercourse: UNNAMED TRIBUTARY OF LAKE CREEK, TRIBUTARY OF WEST FORK SAN JACINTO RIVER; TRIBUTARY OF SAN JACINTO RIVER

Location of point of diversion at Latitude 30.28 °N, Longitude 95.63 °W, also, bearing S 29.61° E, 2292 feet (distance) from the NE corner of the H.R. OEST Original Survey No. —, Abstract No. 412, in MONTGOMERY County, Texas. **(Provide the latitude and longitude coordinates in decimal degrees, to at least six decimal places. Indicate the method used to calculate the diversion point location).**

3) Location from County Seat: 11 miles in a SW direction from CONROE, MONTGOMERY County, Texas.

Location from nearby town (if other than County Seat): 11 miles in a SOUTHWEST direction from CITY OF CONROE, a nearby town shown on county highway map.

4) Zip Code: 77305

5) The diversion will be (check (√) all appropriate boxes and if applicable, indicate whether existing or proposed):

	Directly from stream	Existing	Proposed
	From an on-channel reservoir	N/A	N/A
	From a stream to an off-channel reservoir	N/A	N/A
	From a stream to an on-channel reservoir	✓	N/A
	From an off-channel reservoir	N/A	N/A
	Other method (explain fully, use additional sheets if necessary)	N/A	N/A

6) Rate of Diversion (Check (√) applicable provision):

N/A 1. Diversion Facility:

A. N/A Maximum gpm (gallons per minute)

1) N/A Number of pumps
2) N/A Type of pump
3) N/A gpm, Pump capacity of each pump
4) Portable pump N/A Yes or N/A No

✓ 2. If by gravity:

A. _____ Headgate ✓ Diversion Dam _____ Maximum gpm

B. _____ Other method (explain fully - use additional sheets if necessary)

7) The drainage area above the diversion point is 28 acres or 0.044 square miles.

Supplemental Dam/Reservoir Information Sheet

Dam (structure), Reservoir and Watercourse Data

A. Type of Storage Reservoir (indicate by checking (√) all applicable)

☒ on-channel ☐ off-channel ☐ existing structure ☐ proposed structure* ☐ exempt structure**

*Applicant shall provide a copy of the notice that was mailed to each member of the governing body of each county and municipality in which the reservoir, or any part of the reservoir, will be located as well as copies of the certified mailing cards.

**TWC Section 11.143 for uses of water for other than domestic, livestock, or fish and wildlife from an existing, exempt reservoir with a capacity of 200 acre-feet or less. Please complete Paragraph 6 below if proceeding under TWC 11.143.

Date of Construction 2001 / 2002

B. Location of Structure No. N/A.

1) Watercourse: UNNAMED TRIBUTARY OF LAKE CREEK, TRIBUTARY OF WEST FORK SAN JACINTO RIVER, TRIBUTARY OF SAN JACINTO RIVER

2) Location from County Seat: 11 miles in a SW direction from CONROE, MONTGOMERY County, Texas.

Location from nearby town (if other than County Seat): 11 miles in a SW direction from CITY OF CONROE, a nearby town shown on county highway map.

3) Zip Code: 77305

4) The dam will be/is located in the H. R. OEST Original Survey No. -, Abstract No. 412 in MONTGOMERY County, Texas.

5) Station 5+12 on the centerline of the dam is S 29.61° W (bearing), 2,292 feet (distance) from the NE corner of H. R. OEST Original Survey No. -, Abstract No. 412, in MONTGOMERY County, Texas, also being at Latitude 30.28 °N, Longitude 95.63 °W. **(Provide the latitude and longitude coordinates in decimal degrees, to at least six decimal places. Indicate the method used to calculate the diversion point location).**

C. Reservoir:

1) Acre-feet of water impounded by structure at normal maximum operating level: 255 AC-FT.

2) Surface area in acres of reservoir at normal maximum operating level: 28.39 AC.

D. The drainage area above the dam is 28 acres or 0.044 square miles.

E. Other:

1) If this is a U.S. Natural Resources Conservation Service (NRCS) (formerly Soil Conservation Service (SCS)) floodwater-retarding structure, provide the Site No. N/A and watershed project name N/A

2) Do you request authorization to close the "ports" or "windows" in the service spillway?

☐ Yes ☒ No

Supplemental Discharge Point Information Sheet

Discharge Point No. or Name: DAM "A"

1) Select the appropriate box for the source of water being discharged:

☐ Treated effluent

☒ Groundwater

☒ Other SURFACE WATER

2) Location of discharge point will be/is at Latitude 30.28 ° N, Longitude 95.63 °W,

also bearing S 29.61 ° W, 2,292 feet from the NE corner of the H.R. OEST

Original Survey No. —, Abstract No. 412, in MONTGOMERY County, Texas.

Provide the latitude and longitude coordinates in decimal degrees, to at least six decimal places, and indicate the method used to calculate the diversion point location. (*i.e.*, GPS Unit, USGS 7.5 Topographic Map, etc.)

30.28°N, 95.63°W PER EXISTING WATER RIGHTS PERMIT 5712

3) Location from County Seat: 11 miles in a SW direction from CONROE,

MONTGOMERY County, Texas.

Location from nearby town (if other than County Seat): 11 miles in a SOUTHWEST

direction from CITY OF CONROE, TX., a nearby town shown on county highway map.

4) Zip Code: 77305

5) Water will be discharged into N/A stream/reservoir,

(tributaries) UNNAMED TRIBUTARY OF LAKE CREEK, TRIBUTARY OF WEST FORK SAN JACINTO RIVER, TRIBUTARY OF SAN JACINTO RIVER. SAN JACINTO RIVER Basin.

6) Water will be discharged at a maximum rate of 637 cfs (285,886 gpm).

7) The amount of water that will be discharged is 534 acre-feet per year.

8) The purpose of use for the water being discharged will be NORMAL RUNOFF FLOWS.

9) Additional information required:

For groundwater

1. Provide water quality analysis and 24 hour pump test for the well if one has been conducted.
2. Locate and label the groundwater well(s) on a USGS 7.5 Minute Topographic Map
3. Provide a copy of the groundwater well permit if it is located in a Groundwater Conservation District.
4. What aquifer the water is being pumped from?

For treated effluent

1. What is the TPDES Permit Number? Provide a copy of the permit.
2. Provide the monthly discharge data for the past 5 years.
3. What % of treated water was groundwater, surface water?
4. If any original water is surface water, provide the base water right number.

LJA Engineering, Inc.

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October 12, 2011

Ms. Sarah Henderson
Water Rights Permitting Team
Water Supply Division
Texas Commission on Environmental Quality (TCEQ)
P.O. Box 13087/MC-160
Austin, Texas 78711-3087

Re: SR Superior LLC 28 Acre Lake (Lake "A")
TCEQ Water Rights Permit No. 5712, Montgomery County, Texas
TCEQ Investigation Number: 899115
Application for Amendment to a Water Right – Answer to Question Four
LJA Job No. 1282-0901 (6.0)

Dear Ms. Henderson:

The Lone Star Groundwater Conservation District's (LGCD) regulatory requirements for achieving sustainability of the Gulf Coast Aquifer by reducing groundwater dependency within Montgomery County are the reason for this amendment request. The LGCD has reduced the owner's yearly permitted groundwater usage by 50% and the new District Regulatory Plan requires an additional 30% reduction by 2016.

The owner respectfully requests modification of the existing dam control structure by constructing one 24-inch pipe approximately 2-foot below the existing spillway elevation to provide pass-thru outfall for upstream surface runoff during normal "non-event" flows and an additional 6-inch pipe approximately 6-foot below the existing spillway elevation to provide pass-thru flows during drought conditions. Please see the attached exhibit.

In addition, and pursuant to TCEQ request, the owner intends to develop a monitoring process, to confirm that surface water run-off is not being impounded on the owner's property. The proposed system will consist of flow measuring devices at the north and south end of the property that would monitor the inflow and outflow of surface water through the site. Impoundment of surface water would then be determined based on a running average of flows entering and leaving the property.

The owner respectfully requests that the following requirements be removed:

1. "WHEREAS, the applicant has indicated that the reservoir will be maintained full at all times with groundwater"
2. Under SPECIAL CONDITIONS a: "Permittee shall fill and maintain the reservoir at operating level at all times with ground water. Failure to maintain the reservoir full at all times may impact the downstream water rights and thus constitutes a violation of the permit conditions."

Please feel free to contact me should you have any questions or require additional information. Thank you very much for your consideration in this matter.

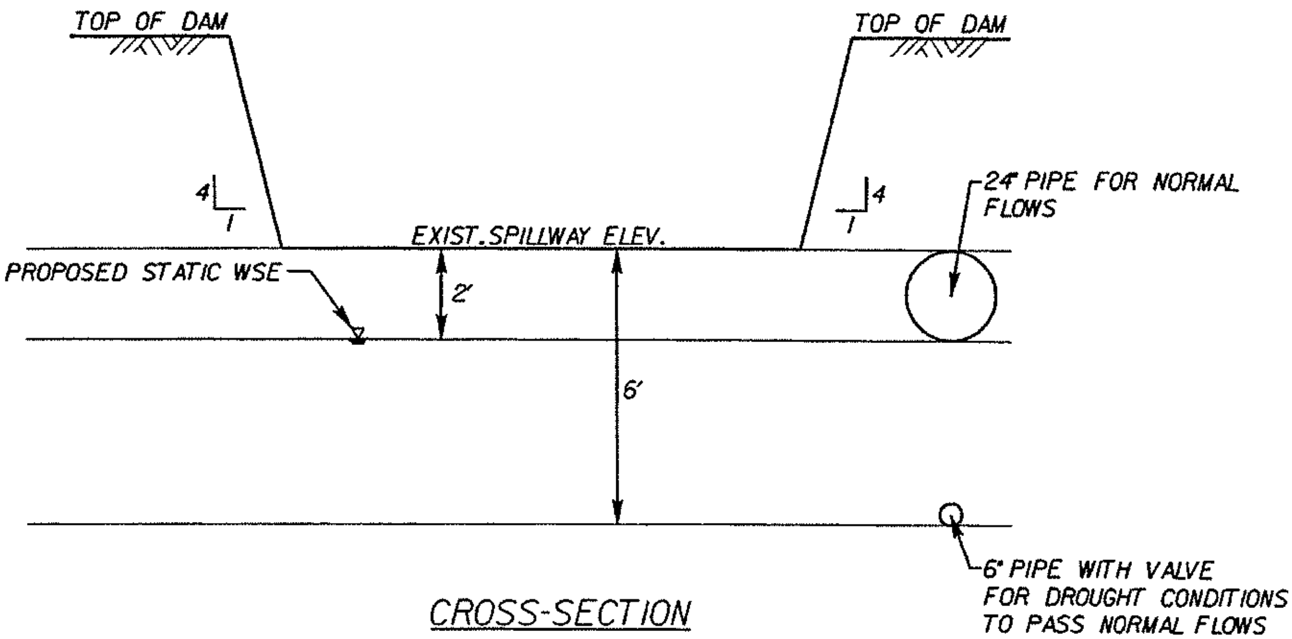
Sincerely,

Adam C. Cohen, PE
Project Manager

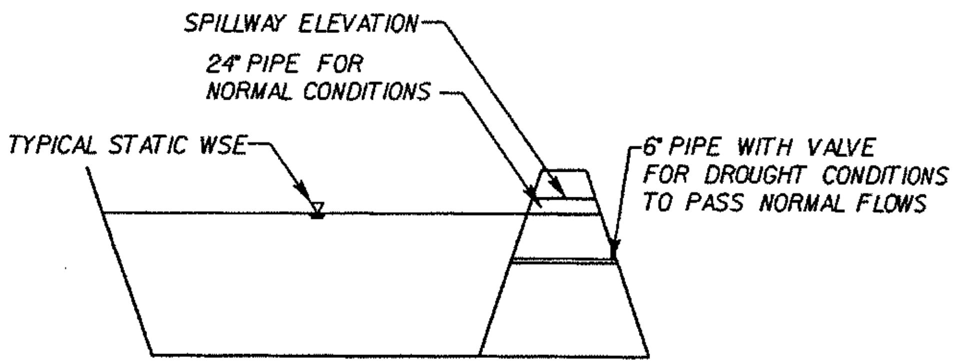
ACC/dl

Attachment

PROPOSED DAM "A" MODIFICATION



CROSS-SECTION



PROFILE

DATE: JULY, 2011

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