Texas Water Development Board

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.state.tx.us
Phone (512) 463-7847, Fax (512) 475-2053

December 9, 2011

Mr. Kirk Holland
General Manager
Barton Springs/Edwards Aquifer Conservation District
1124-A Regal Row
Austin, TX 78748

Re: Modeled available groundwater estimates for the freshwater and saline Edwards in the northern subdivision and Trinity aquifers in Groundwater Management Area 10

Dear Mr. Holland:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 10-059 MAG Version 2, GTA Aquifer Assessment 10-29 MAG, and GTA Aquifer Assessment 10-35 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 2, 2010, from Rick Illgner of the Edwards Aquifer Authority on behalf of Groundwater Management Area 10, desired future conditions were adopted for the freshwater and saline Edwards Aquifer in the northern subdivision of Groundwater Management Area 10 on August 4, 2010. The desired future condition for the Trinity Aquifer was adopted on August 23, 2010, as noted in the letter from Mr. Illgner received by TWDB on August 30, 2010.

Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports, which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the modeled available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated modeled available groundwater that would have to occur to achieve the desired future condition using the

Our Mission

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas

Board Members

Edward G. Vaughan, Chairman
Joe M. Crutcher, Vice Chairman
Thomas Weir Labatt III, Member
Lewis H. McMahan, Member
Billy R. Bradford Jr., Member
Monte Cluck, Member

Melanie Callahan, Interim Executive Administrator

best available scientific tools. However, these estimates are based on assumptions of the magnitude and distribution of projected pumping in the aquifer. It is, therefore, important for groundwater conservation districts to monitor whether their management of pumping is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.state.tx.us for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Interim Executive Administrator

Attachments: GAM Run 10-059 MAG Version 2
GTA Aquifer Assessment 10-29 MAG
GTA Aquifer Assessment 10-35 MAG

c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Raymond Buck, Upper Guadalupe River Authority
Rocky Freund, Nueces River Authority
James Kowis, Lower Colorado River Authority
Suzanne Scott, San Antonio River Authority
Bill West, Guadalupe-Blanco River Authority
John Ashworth, LBG-Guyton Associates
Jaime Burke, AECOM, Inc
Sam Vaugh, HDR Engineering
Robert E. Mace, Ph.D, P.G., Deputy Executive Administrator, Water Science and Conservation
Cindy Ridgeway, P.G., Groundwater Resources
Rima Petrossian, P.G., Groundwater Resources
Robert Bradley, P.G., Groundwater Resources
David Thorkildsen, P.G., Groundwater Resources
Sarah Backhouse, Groundwater Resources
Wade Oliver, Groundwater Resources
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
David Meesey, Water Resources Planning
Connie Townsend, Water Resources Planning
Wendy Barron, Water Resources Planning

Texas Water Development Board

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.state.tx.us
Phone (512) 463-7847, Fax (512) 475-2053

December 9, 2011

Mr. Rick Illgner
Governmental Affairs Officer
Edwards Aquifer Authority
1615 N. St. Mary's
San Antonio, TX 78215

Re: Modeled available groundwater estimates for the freshwater and saline Edwards in the northern subdivision and Trinity aquifers in Groundwater Management Area 10

Dear Mr. Illgner:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 10-059 MAG Version 2, GTA Aquifer Assessment 10-29 MAG, and GTA Aquifer Assessment 10-35 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 2, 2010, from Rick Illgner of the Edwards Aquifer Authority on behalf of Groundwater Management Area 10, desired future conditions were adopted for the freshwater and saline Edwards Aquifer in the northern subdivision of Groundwater Management Area 10 on August 4, 2010. The desired future condition for the Trinity Aquifer was adopted on August 23, 2010, as noted in the letter from Mr. Illgner received by TWDB on August 30, 2010.

Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports, which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the modeled available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated modeled available groundwater that would have to occur to achieve the desired future condition using the

Our Mission

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas

Board Members

Edward G. Vaughan, Chairman
Joe M. Crutcher, Vice Chairman
Thomas Weir Labatt III, Member
Lewis H. McMahan, Member
Billy R. Bradford Jr., Member
Monte Cluck, Member

Melanie Callahan, Interim Executive Administrator

best available scientific tools. However, these estimates are based on assumptions of the magnitude and distribution of projected pumping in the aquifer. It is, therefore, important for groundwater conservation districts to monitor whether their management of pumping is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.state.tx.us for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Interim Executive Administrator

Attachments: GAM Run 10-059 MAG Version 2
GTA Aquifer Assessment 10-29 MAG
GTA Aquifer Assessment 10-35 MAG

c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Raymond Buck, Upper Guadalupe River Authority
Rocky Freund, Nueces River Authority
James Kowis, Lower Colorado River Authority
Suzanne Scott, San Antonio River Authority
Bill West, Guadalupe-Blanco River Authority
John Ashworth, LBG-Guyton Associates
Jaime Burke, AECOM, Inc
Sam Vaugh, HDR Engineering
Robert E. Mace, Ph.D, P.G., Deputy Executive Administrator, Water Science and Conservation
Cindy Ridgeway, P.G., Groundwater Resources
Rima Petrossian, P.G., Groundwater Resources
Robert Bradley, P.G., Groundwater Resources
David Thorkildsen, P.G., Groundwater Resources
Sarah Backhouse, Groundwater Resources
Wade Oliver, Groundwater Resources
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
David Meesey, Water Resources Planning
Connie Townsend, Water Resources Planning
Wendy Barron, Water Resources Planning

Texas Water Development Board

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.state.tx.us
Phone (512) 463-7847, Fax (512) 475-2053

December 9, 2011

Mr. Ron Naumann
President
Guadalupe County Groundwater Conservation District
P.O. Box 1221
Seguin, TX 78156

Re: Modeled available groundwater estimates for the freshwater and saline Edwards in the northern subdivision and Trinity aquifers in Groundwater Management Area 10

Dear Mr. Naumann:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 10-059 MAG Version 2, GTA Aquifer Assessment 10-29 MAG, and GTA Aquifer Assessment 10-35 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 2, 2010, from Rick Illgner of the Edwards Aquifer Authority on behalf of Groundwater Management Area 10, desired future conditions were adopted for the freshwater and saline Edwards Aquifer in the northern subdivision of Groundwater Management Area 10 on August 4, 2010. The desired future condition for the Trinity Aquifer was adopted on August 23, 2010, as noted in the letter from Mr. Illgner received by TWDB on August 30, 2010.

Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports, which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the modeled available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated modeled available groundwater that would have to occur to achieve the desired future condition using the

Our Mission

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas

Board Members

Edward G. Vaughan, Chairman
Joe M. Crutcher, Vice Chairman
Thomas Weir Labatt III, Member
Lewis H. McMahan, Member
Billy R. Bradford Jr., Member
Monte Cluck, Member

Melanie Callahan, Interim Executive Administrator

best available scientific tools. However, these estimates are based on assumptions of the magnitude and distribution of projected pumping in the aquifer. It is, therefore, important for groundwater conservation districts to monitor whether their management of pumping is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.state.tx.us for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Interim Executive Administrator

Attachments: GAM Run 10-059 MAG Version 2
GTA Aquifer Assessment 10-29 MAG
GTA Aquifer Assessment 10-35 MAG

c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Raymond Buck, Upper Guadalupe River Authority
Rocky Freund, Nueces River Authority
James Kowis, Lower Colorado River Authority
Suzanne Scott, San Antonio River Authority
Bill West, Guadalupe-Blanco River Authority
John Ashworth, LBG-Guyton Associates
Jaime Burke, AECOM, Inc
Sam Vaugh, HDR Engineering
Robert E. Mace, Ph.D, P.G., Deputy Executive Administrator, Water Science and Conservation
Cindy Ridgeway, P.G., Groundwater Resources
Rima Petrossian, P.G., Groundwater Resources
Robert Bradley, P.G., Groundwater Resources
David Thorkildsen, P.G., Groundwater Resources
Sarah Backhouse, Groundwater Resources
Wade Oliver, Groundwater Resources
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
David Meesey, Water Resources Planning
Connie Townsend, Water Resources Planning
Wendy Barron, Water Resources Planning

Texas Water Development Board

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.state.tx.us
Phone (512) 463-7847, Fax (512) 475-2053

December 9, 2011

Mr. Rick Broun
General Manager
Hays Trinity Groundwater Conservation District
P.O. Box 1648
Dripping Springs, TX 78620

Re: Modeled available groundwater estimates for the freshwater and saline Edwards in the northern subdivision and Trinity aquifers in Groundwater Management Area 10

Dear Mr. Broun:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 10-059 MAG Version 2, GTA Aquifer Assessment 10-29 MAG, and GTA Aquifer Assessment 10-35 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 2, 2010, from Rick Illgner of the Edwards Aquifer Authority on behalf of Groundwater Management Area 10, desired future conditions were adopted for the freshwater and saline Edwards Aquifer in the northern subdivision of Groundwater Management Area 10 on August 4, 2010. The desired future condition for the Trinity Aquifer was adopted on August 23, 2010, as noted in the letter from Mr. Illgner received by TWDB on August 30, 2010.

Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports, which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the modeled available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated modeled available groundwater that would have to occur to achieve the desired future condition using the

Our Mission

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas

Board Members

Edward G. Vaughan, Chairman
Joe M. Crutcher, Vice Chairman
Thomas Weir Labatt III, Member
Lewis H. McMahan, Member
Billy R. Bradford Jr., Member
Monte Cluck, Member

Melanie Callahan, Interim Executive Administrator

best available scientific tools. However, these estimates are based on assumptions of the magnitude and distribution of projected pumping in the aquifer. It is, therefore, important for groundwater conservation districts to monitor whether their management of pumping is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.state.tx.us for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Interim Executive Administrator

Attachments: GAM Run 10-059 MAG Version 2
GTA Aquifer Assessment 10-29 MAG
GTA Aquifer Assessment 10-35 MAG

c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Raymond Buck, Upper Guadalupe River Authority
Rocky Freund, Nueces River Authority
James Kowis, Lower Colorado River Authority
Suzanne Scott, San Antonio River Authority
Bill West, Guadalupe-Blanco River Authority
John Ashworth, LBG-Guyton Associates
Jaime Burke, AECOM, Inc
Sam Vaugh, HDR Engineering
Robert E. Mace, Ph.D, P.G., Deputy Executive Administrator, Water Science and Conservation
Cindy Ridgeway, P.G., Groundwater Resources
Rima Petrossian, P.G., Groundwater Resources
Robert Bradley, P.G., Groundwater Resources
David Thorkildsen, P.G., Groundwater Resources
Sarah Backhouse, Groundwater Resources
Wade Oliver, Groundwater Resources
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
David Meesey, Water Resources Planning
Connie Townsend, Water Resources Planning
Wendy Barron, Water Resources Planning

Texas Water Development Board

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.state.tx.us
Phone (512) 463-7847, Fax (512) 475-2053

December 9, 2011

Mr. Ken Carver
General Manager
Kinney County Groundwater Conservation District
P.O. Box 369
Brackettville, TX 78832

Re: Modeled available groundwater estimates for the freshwater and saline Edwards in the northern subdivision and Trinity aquifers in Groundwater Management Area 10

Dear Mr. Carver:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 10-059 MAG Version 2, GTA Aquifer Assessment 10-29 MAG, and GTA Aquifer Assessment 10-35 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 2, 2010, from Rick Illgner of the Edwards Aquifer Authority on behalf of Groundwater Management Area 10, desired future conditions were adopted for the freshwater and saline Edwards Aquifer in the northern subdivision of Groundwater Management Area 10 on August 4, 2010. The desired future condition for the Trinity Aquifer was adopted on August 23, 2010, as noted in the letter from Mr. Illgner received by TWDB on August 30, 2010.

Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports, which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the modeled available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated modeled available groundwater that would have to occur to achieve the desired future condition using the

Our Mission

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas

Board Members

Edward G. Vaughan, Chairman
Joe M. Crutcher, Vice Chairman
Thomas Weir Labatt III, Member
Lewis H. McMahan, Member
Billy R. Bradford Jr., Member
Monte Cluck, Member

Melanie Callahan, Interim Executive Administrator

best available scientific tools. However, these estimates are based on assumptions of the magnitude and distribution of projected pumping in the aquifer. It is, therefore, important for groundwater conservation districts to monitor whether their management of pumping is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.state.tx.us for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Interim Executive Administrator

Attachments: GAM Run 10-059 MAG Version 2
GTA Aquifer Assessment 10-29 MAG
GTA Aquifer Assessment 10-35 MAG

c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Raymond Buck, Upper Guadalupe River Authority
Rocky Freund, Nueces River Authority
James Kowis, Lower Colorado River Authority
Suzanne Scott, San Antonio River Authority
Bill West, Guadalupe-Blanco River Authority
John Ashworth, LBG-Guyton Associates
Jaime Burke, AECOM, Inc
Sam Vaugh, HDR Engineering
Robert E. Mace, Ph.D, P.G., Deputy Executive Administrator, Water Science and Conservation
Cindy Ridgeway, P.G., Groundwater Resources
Rima Petrossian, P.G., Groundwater Resources
Robert Bradley, P.G., Groundwater Resources
David Thorkildsen, P.G., Groundwater Resources
Sarah Backhouse, Groundwater Resources
Wade Oliver, Groundwater Resources
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
David Meesey, Water Resources Planning
Connie Townsend, Water Resources Planning
Wendy Barron, Water Resources Planning

Texas Water Development Board

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.state.tx.us
Phone (512) 463-7847, Fax (512) 475-2053

December 9, 2011

Ms. Luana Buckner
General Manager
Medina County Groundwater Conservation District
1613 Avenue K, Suite 105
Hondo, TX 78861

Re: Modeled available groundwater estimates for the freshwater and saline Edwards in the northern subdivision and Trinity aquifers in Groundwater Management Area 10

Dear Ms. Buckner:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 10-059 MAG Version 2, GTA Aquifer Assessment 10-29 MAG, and GTA Aquifer Assessment 10-35 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 2, 2010, from Rick Illgner of the Edwards Aquifer Authority on behalf of Groundwater Management Area 10, desired future conditions were adopted for the freshwater and saline Edwards Aquifer in the northern subdivision of Groundwater Management Area 10 on August 4, 2010. The desired future condition for the Trinity Aquifer was adopted on August 23, 2010, as noted in the letter from Mr. Illgner received by TWDB on August 30, 2010.

Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports, which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the modeled available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated modeled available groundwater that would have to occur to achieve the desired future condition using the

Our Mission

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas

Board Members

Edward G. Vaughan, Chairman
Joe M. Crutcher, Vice Chairman
Thomas Weir Labatt III, Member
Lewis H. McMahan, Member
Billy R. Bradford Jr., Member
Monte Cluck, Member

Melanie Callahan, Interim Executive Administrator

best available scientific tools. However, these estimates are based on assumptions of the magnitude and distribution of projected pumping in the aquifer. It is, therefore, important for groundwater conservation districts to monitor whether their management of pumping is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.state.tx.us for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Interim Executive Administrator

Attachments: GAM Run 10-059 MAG Version 2
GTA Aquifer Assessment 10-29 MAG
GTA Aquifer Assessment 10-35 MAG

c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Raymond Buck, Upper Guadalupe River Authority
Rocky Freund, Nueces River Authority
James Kowis, Lower Colorado River Authority
Suzanne Scott, San Antonio River Authority
Bill West, Guadalupe-Blanco River Authority
John Ashworth, LBG-Guyton Associates
Jaime Burke, AECOM, Inc
Sam Vaugh, HDR Engineering
Robert E. Mace, Ph.D, P.G., Deputy Executive Administrator, Water Science and Conservation
Cindy Ridgeway, P.G., Groundwater Resources
Rima Petrossian, P.G., Groundwater Resources
Robert Bradley, P.G., Groundwater Resources
David Thorkildsen, P.G., Groundwater Resources
Sarah Backhouse, Groundwater Resources
Wade Oliver, Groundwater Resources
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
David Meesey, Water Resources Planning
Connie Townsend, Water Resources Planning
Wendy Barron, Water Resources Planning

Texas Water Development Board

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.state.tx.us
Phone (512) 463-7847, Fax (512) 475-2053

December 9, 2011

Mr. Daniel Meyer
Assistant Manager
Plum Creek Conservation District
P.O. Box 328
Lockhart, TX 78644

Re: Modeled available groundwater estimates for the freshwater and saline Edwards in the northern subdivision and Trinity aquifers in Groundwater Management Area 10

Dear Mr. Meyer:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 10-059 MAG Version 2, GTA Aquifer Assessment 10-29 MAG, and GTA Aquifer Assessment 10-35 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 2, 2010, from Rick Illgner of the Edwards Aquifer Authority on behalf of Groundwater Management Area 10, desired future conditions were adopted for the freshwater and saline Edwards Aquifer in the northern subdivision of Groundwater Management Area 10 on August 4, 2010. The desired future condition for the Trinity Aquifer was adopted on August 23, 2010, as noted in the letter from Mr. Illgner received by TWDB on August 30, 2010.

Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports, which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the modeled available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated modeled available groundwater that would have to occur to achieve the desired future condition using the

Our Mission

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas

Board Members

Edward G. Vaughan, Chairman
Joe M. Crutcher, Vice Chairman
Thomas Weir Labatt III, Member
Lewis H. McMahan, Member
Billy R. Bradford Jr., Member
Monte Cluck, Member

Melanie Callahan, Interim Executive Administrator

best available scientific tools. However, these estimates are based on assumptions of the magnitude and distribution of projected pumping in the aquifer. It is, therefore, important for groundwater conservation districts to monitor whether their management of pumping is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.state.tx.us for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Interim Executive Administrator

Attachments: GAM Run 10-059 MAG Version 2
GTA Aquifer Assessment 10-29 MAG
GTA Aquifer Assessment 10-35 MAG

c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Raymond Buck, Upper Guadalupe River Authority
Rocky Freund, Nueces River Authority
James Kowis, Lower Colorado River Authority
Suzanne Scott, San Antonio River Authority
Bill West, Guadalupe-Blanco River Authority
John Ashworth, LBG-Guyton Associates
Jaime Burke, AECOM, Inc
Sam Vaugh, HDR Engineering
Robert E. Mace, Ph.D, P.G., Deputy Executive Administrator, Water Science and Conservation
Cindy Ridgeway, P.G., Groundwater Resources
Rima Petrossian, P.G., Groundwater Resources
Robert Bradley, P.G., Groundwater Resources
David Thorkildsen, P.G., Groundwater Resources
Sarah Backhouse, Groundwater Resources
Wade Oliver, Groundwater Resources
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
David Meesey, Water Resources Planning
Connie Townsend, Water Resources Planning
Wendy Barron, Water Resources Planning

Texas Water Development Board

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.state.tx.us
Phone (512) 463-7847, Fax (512) 475-2053

December 9, 2011

Mr. George Wissman
General Manager
Trinity-Glen Rose Groundwater Conservation District
6335 Camp Bullis Road, Suite 25
San Antonio, TX 78257

Re: Modeled available groundwater estimates for the freshwater and saline Edwards in the northern subdivision and Trinity aquifers in Groundwater Management Area 10

Dear Mr. Wissman:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 10-059 MAG Version 2, GTA Aquifer Assessment 10-29 MAG, and GTA Aquifer Assessment 10-35 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 2, 2010, from Rick Illgner of the Edwards Aquifer Authority on behalf of Groundwater Management Area 10, desired future conditions were adopted for the freshwater and saline Edwards Aquifer in the northern subdivision of Groundwater Management Area 10 on August 4, 2010. The desired future condition for the Trinity Aquifer was adopted on August 23, 2010, as noted in the letter from Mr. Illgner received by TWDB on August 30, 2010.

Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports, which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the modeled available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated modeled available groundwater that would have to occur to achieve the desired future condition using the

Our Mission

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas

Board Members

Edward G. Vaughan, Chairman
Joe M. Crutcher, Vice Chairman
Thomas Weir Labatt III, Member
Lewis H. McMahan, Member
Billy R. Bradford Jr., Member
Monte Cluck, Member

Melanie Callahan, Interim Executive Administrator

best available scientific tools. However, these estimates are based on assumptions of the magnitude and distribution of projected pumping in the aquifer. It is, therefore, important for groundwater conservation districts to monitor whether their management of pumping is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.state.tx.us for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Interim Executive Administrator

Attachments: GAM Run 10-059 MAG Version 2
GTA Aquifer Assessment 10-29 MAG
GTA Aquifer Assessment 10-35 MAG

c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Raymond Buck, Upper Guadalupe River Authority
Rocky Freund, Nueces River Authority
James Kowis, Lower Colorado River Authority
Suzanne Scott, San Antonio River Authority
Bill West, Guadalupe-Blanco River Authority
John Ashworth, LBG-Guyton Associates
Jaime Burke, AECOM, Inc
Sam Vaugh, HDR Engineering
Robert E. Mace, Ph.D, P.G., Deputy Executive Administrator, Water Science and Conservation
Cindy Ridgeway, P.G., Groundwater Resources
Rima Petrossian, P.G., Groundwater Resources
Robert Bradley, P.G., Groundwater Resources
David Thorkildsen, P.G., Groundwater Resources
Sarah Backhouse, Groundwater Resources
Wade Oliver, Groundwater Resources
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
David Meesey, Water Resources Planning
Connie Townsend, Water Resources Planning
Wendy Barron, Water Resources Planning

Texas Water Development Board

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.state.tx.us
Phone (512) 463-7847, Fax (512) 475-2053

December 9, 2011

Mr. Vic Hilderbran
General Manager
Uvalde County Underground Water Conservation District
200 W. Nopal Street, Suite 203
Uvalde, TX 78801

Re: Modeled available groundwater estimates for the freshwater and saline Edwards in the northern subdivision and Trinity aquifers in Groundwater Management Area 10

Dear Mr. Hilderbran:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 10-059 MAG Version 2, GTA Aquifer Assessment 10-29 MAG, and GTA Aquifer Assessment 10-35 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 2, 2010, from Rick Illgner of the Edwards Aquifer Authority on behalf of Groundwater Management Area 10, desired future conditions were adopted for the freshwater and saline Edwards Aquifer in the northern subdivision of Groundwater Management Area 10 on August 4, 2010. The desired future condition for the Trinity Aquifer was adopted on August 23, 2010, as noted in the letter from Mr. Illgner received by TWDB on August 30, 2010.

Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports, which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the modeled available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated modeled available groundwater that would have to occur to achieve the desired future condition using the

Our Mission

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas

Board Members

Edward G. Vaughan, Chairman
Joe M. Crutcher, Vice Chairman
Thomas Weir Labatt III, Member
Lewis H. McMahan, Member
Billy R. Bradford Jr., Member
Monte Cluck, Member

Melanie Callahan, Interim Executive Administrator

best available scientific tools. However, these estimates are based on assumptions of the magnitude and distribution of projected pumping in the aquifer. It is, therefore, important for groundwater conservation districts to monitor whether their management of pumping is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.state.tx.us for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Interim Executive Administrator

Attachments: GAM Run 10-059 MAG Version 2
GTA Aquifer Assessment 10-29 MAG
GTA Aquifer Assessment 10-35 MAG

c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Raymond Buck, Upper Guadalupe River Authority
Rocky Freund, Nueces River Authority
James Kowis, Lower Colorado River Authority
Suzanne Scott, San Antonio River Authority
Bill West, Guadalupe-Blanco River Authority
John Ashworth, LBG-Guyton Associates
Jaime Burke, AECOM, Inc
Sam Vaugh, HDR Engineering
Robert E. Mace, Ph.D, P.G., Deputy Executive Administrator, Water Science and Conservation
Cindy Ridgeway, P.G., Groundwater Resources
Rima Petrossian, P.G., Groundwater Resources
Robert Bradley, P.G., Groundwater Resources
David Thorkildsen, P.G., Groundwater Resources
Sarah Backhouse, Groundwater Resources
Wade Oliver, Groundwater Resources
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
David Meesey, Water Resources Planning
Connie Townsend, Water Resources Planning
Wendy Barron, Water Resources Planning

Texas Water Development Board

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.state.tx.us
Phone (512) 463-7847, Fax (512) 475-2053

December 9, 2011

Mr. Jonathan Letz
Plateau Regional Water Planning Group Chairman
Kerr County
700 Main Street, Suite 101
Kerrville, TX 78028

Re: Modeled available groundwater estimates for the freshwater and saline Edwards in the northern subdivision and Trinity aquifers in Groundwater Management Area 10

Dear Mr. Letz:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 10-059 MAG Version 2, GTA Aquifer Assessment 10-29 MAG, and GTA Aquifer Assessment 10-35 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 2, 2010, from Rick Illgner of the Edwards Aquifer Authority on behalf of Groundwater Management Area 10, desired future conditions were adopted for the freshwater and saline Edwards Aquifer in the northern subdivision of Groundwater Management Area 10 on August 4, 2010. The desired future condition for the Trinity Aquifer was adopted on August 23, 2010, as noted in the letter from Mr. Illgner received by TWDB on August 30, 2010.

Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports, which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the modeled available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated modeled available groundwater that would have to occur to achieve the desired future condition using the

Our Mission

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas

Board Members

Edward G. Vaughan, Chairman
Joe M. Crutcher, Vice Chairman
Thomas Weir Labatt III, Member
Lewis H. McMahan, Member
Billy R. Bradford Jr., Member
Monte Cluck, Member

Melanie Callahan, Interim Executive Administrator

best available scientific tools. However, these estimates are based on assumptions of the magnitude and distribution of projected pumping in the aquifer. It is, therefore, important for groundwater conservation districts to monitor whether their management of pumping is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.state.tx.us for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Interim Executive Administrator

Attachments: GAM Run 10-059 MAG Version 2
GTA Aquifer Assessment 10-29 MAG
GTA Aquifer Assessment 10-35 MAG

c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Raymond Buck, Upper Guadalupe River Authority
Rocky Freund, Nueces River Authority
James Kowis, Lower Colorado River Authority
Suzanne Scott, San Antonio River Authority
Bill West, Guadalupe-Blanco River Authority
John Ashworth, LBG-Guyton Associates
Jaime Burke, AECOM, Inc
Sam Vaugh, HDR Engineering
Robert E. Mace, Ph.D, P.G., Deputy Executive Administrator, Water Science and Conservation
Cindy Ridgeway, P.G., Groundwater Resources
Rima Petrossian, P.G., Groundwater Resources
Robert Bradley, P.G., Groundwater Resources
David Thorkildsen, P.G., Groundwater Resources
Sarah Backhouse, Groundwater Resources
Wade Oliver, Groundwater Resources
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
David Meesey, Water Resources Planning
Connie Townsend, Water Resources Planning
Wendy Barron, Water Resources Planning

Texas Water Development Board

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.state.tx.us
Phone (512) 463-7847, Fax (512) 475-2053

December 9, 2011

Mr. John Burke
Lower Colorado Regional Water Planning Group Chairman
496 Shiloh Road
Bastrop, TX 78602

Re: Modeled available groundwater estimates for the freshwater and saline Edwards in the northern subdivision and Trinity aquifers in Groundwater Management Area 10

Dear Mr. Burke:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 10-059 MAG Version 2, GTA Aquifer Assessment 10-29 MAG, and GTA Aquifer Assessment 10-35 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 2, 2010, from Rick Illgner of the Edwards Aquifer Authority on behalf of Groundwater Management Area 10, desired future conditions were adopted for the freshwater and saline Edwards Aquifer in the northern subdivision of Groundwater Management Area 10 on August 4, 2010. The desired future condition for the Trinity Aquifer was adopted on August 23, 2010, as noted in the letter from Mr. Illgner received by TWDB on August 30, 2010.

Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports, which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the modeled available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated modeled available groundwater that would have to occur to achieve the desired future condition using the best available scientific tools. However, these estimates are based on assumptions of the magnitude and

Our Mission

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas

Board Members

Edward G. Vaughan, Chairman
Joe M. Crutcher, Vice Chairman
Thomas Weir Labatt III, Member
Lewis H. McMahan, Member
Billy R. Bradford Jr., Member
Monte Cluck, Member

Melanie Callahan, Interim Executive Administrator

distribution of projected pumping in the aquifer. It is, therefore, important for groundwater conservation districts to monitor whether their management of pumping is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.state.tx.us for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Interim Executive Administrator

Attachments: GAM Run 10-059 MAG Version 2
GTA Aquifer Assessment 10-29 MAG
GTA Aquifer Assessment 10-35 MAG

c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Raymond Buck, Upper Guadalupe River Authority
Rocky Freund, Nueces River Authority
James Kowis, Lower Colorado River Authority
Suzanne Scott, San Antonio River Authority
Bill West, Guadalupe-Blanco River Authority
John Ashworth, LBG-Guyton Associates
Jaime Burke, AECOM, Inc
Sam Vaugh, HDR Engineering
Robert E. Mace, Ph.D, P.G., Deputy Executive Administrator, Water Science and Conservation
Cindy Ridgeway, P.G., Groundwater Resources
Rima Petrossian, P.G., Groundwater Resources
Robert Bradley, P.G., Groundwater Resources
David Thorkildsen, P.G., Groundwater Resources
Sarah Backhouse, Groundwater Resources
Wade Oliver, Groundwater Resources
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
David Meesey, Water Resources Planning
Connie Townsend, Water Resources Planning
Wendy Barron, Water Resources Planning

Texas Water Development Board

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.state.tx.us
Phone (512) 463-7847, Fax (512) 475-2053

December 9, 2011

Mr. Con Mims
South Central Texas Regional Water Planning Group Chaiman
Nueces River Authority
P.O. Box 349
Uvalde, TX 78802

Re: Modeled available groundwater estimates for the freshwater and saline Edwards in the northern subdivision and Trinity aquifers in Groundwater Management Area 10

Dear Mr. Mims:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 10-059 MAG Version 2, GTA Aquifer Assessment 10-29 MAG, and GTA Aquifer Assessment 10-35 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 2, 2010, from Rick Illgner of the Edwards Aquifer Authority on behalf of Groundwater Management Area 10, desired future conditions were adopted for the freshwater and saline Edwards Aquifer in the northern subdivision of Groundwater Management Area 10 on August 4, 2010. The desired future condition for the Trinity Aquifer was adopted on August 23, 2010, as noted in the letter from Mr. Illgner received by TWDB on August 30, 2010.

Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports, which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the modeled available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated modeled available groundwater that would have to occur to achieve the desired future condition using the

Our Mission

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas

Board Members

Edward G. Vaughan, Chairman
Joe M. Crutcher, Vice Chairman
Thomas Weir Labatt III, Member
Lewis H. McMahan, Member
Billy R. Bradford Jr., Member
Monte Cluck, Member

Melanie Callahan, Interim Executive Administrator

best available scientific tools. However, these estimates are based on assumptions of the magnitude and distribution of projected pumping in the aquifer. It is, therefore, important for groundwater conservation districts to monitor whether their management of pumping is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.state.tx.us for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Interim Executive Administrator

Attachments: GAM Run 10-059 MAG Version 2
GTA Aquifer Assessment 10-29 MAG
GTA Aquifer Assessment 10-35 MAG

c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Raymond Buck, Upper Guadalupe River Authority
Rocky Freund, Nueces River Authority
James Kowis, Lower Colorado River Authority
Suzanne Scott, San Antonio River Authority
Bill West, Guadalupe-Blanco River Authority
John Ashworth, LBG-Guyton Associates
Jaime Burke, AECOM, Inc
Sam Vaugh, HDR Engineering
Robert E. Mace, Ph.D, P.G., Deputy Executive Administrator, Water Science and Conservation
Cindy Ridgeway, P.G., Groundwater Resources
Rima Petrossian, P.G., Groundwater Resources
Robert Bradley, P.G., Groundwater Resources
David Thorkildsen, P.G., Groundwater Resources
Sarah Backhouse, Groundwater Resources
Wade Oliver, Groundwater Resources
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
David Meesey, Water Resources Planning
Connie Townsend, Water Resources Planning
Wendy Barron, Water Resources Planning