MONIQUE NORMAN ATTORNEY AT LAW

P.O. Box 50245 Austin, Texas 78763 512.459.9428 FAX 512.459.8671 NORMAN.LAW@EARTHLINK.NET

May 4, 2010

RECEIVED

Kevin Ward Executive Administrator Texas Water Development Board P.O. Box 13231 Austin, TX 78711-3231

MAY 06 2010

TWDB

Re: Submittal of Desired Future Conditions by Groundwater Management Area 11

Dear Mr. Ward:

I am submitting the enclosed Desired Future Conditions ("DFCs") of the groundwater resources in Groundwater Management Area 11 ("GMA 11"), pursuant to Section 36.108 of the Texas Water Code. Groundwater Management Area 11 ("GMA 11") is comprised of six groundwater conservation districts in East Texas: Anderson County Underground Water Conservation District, Harrison County Groundwater Conservation District; Neches and Trinity Valleys Groundwater Conservation District, Panola County Groundwater Conservation District, Pineywoods Groundwater Conservation District, and Rusk County Groundwater Conservation District. The member districts of GMA 11 have worked together over the past few years, in coordination with the Texas Water Development Board, to unanimously adopt initial DFCs that will protect and conserve the groundwater resources for East Texas, while allowing for anticipated growth in the area.

The GMA 11 DFCs are based on the Texas Water Plan and the Texas Water Development Board's applicable Groundwater Availability Models runs for all relevant aquifers within the boundaries of Groundwater Management Area 11: the Yegua Jackson, Sparta, Weches, Queen City, Reklaw, and Carrizo-Wilcox aquifers. The Desired Future Condition is defined as allowing up to an average draw down of 17 feet that applies throughout GMA 11. The GMA recognized that the Trinity, Nacatoch, and Gulf Coast Aquifers are not relevant to GMA 11 and are not included in its DFCs (see attached meeting minutes for the February 9, 2010 GMA 11 meeting).

The Desired Future Condition of 17 feet average drawdown is based on 178 individual drawdowns by aquifer and county (see document attached to the GMA 11 DFC Resolution, listing individual drawdowns).

The enclosed documents are:

 Groundwater Management Area 11 Desired Future Conditions Resolution No. 1, which includes the voting record;

- 2. Groundwater Management Area 11 member district's meeting notices for the April 13, 2010 meeting in which it adopted its DFCs Resolution;
- 3. Groundwater Management Area 11 member district's meeting minutes for the April 13, 2010 meeting, which were adopted on April 27, 2010; and
- 4. Groundwater Management Area 11 member district's meeting minutes for the February 9, 2010 meeting, which were adopted on April 13, 2010:

Len Luscomb, the General Manager of Rusk County Groundwater Conservation District, is the contact for GMA 11 regarding this submission: (903) 657-1900; regard@suddenlinkmail.com). Please contact Mr. Luscomb if you have any comments or questions. Thank you for your time and consideration.

Sincerely,

Monique Norman

Len Luscomb

GROUNDWATER MANAGEMENT AREA 11 DESIRED FUTURE CONDITIONS RESOLUTION NO. 1

WHEREAS, Groundwater Management Area 11 ("GMA 11") is comprised of six groundwater conservation districts: Anderson County Underground Water Conservation District, Harrison County Groundwater Conservation District; Neches and Trinity Valleys Groundwater Conservation District, Panola County Groundwater Conservation District, Pineywoods Groundwater Conservation District, and Rusk County Groundwater Conservation District;

WHEREAS, pursuant to TEXAS WATER CODE § 36.108, the presiding officer, or his designee, from each of the six Districts in GMA 11 are obligated to engage in ongoing joint planning to, among other things, establish the Desired Future Conditions ("DFCs") of the aquifers within GMA 11;

WHEREAS, such joint planning has been undertaken, and is ongoing, by the six presiding officers or designees of the Districts and GMA 11 has met as required by Section 36.108 of the Texas Water Code for joint planning to set the initial DFCs for the aquifers within its boundaries;

NOW, THEREFORE, BE IT RESOLVED BY GROUNDWATER MANAGEMENT AREA 11 THAT:

- 1. The Desired Future Condition is hereby adopted for all relevant aquifers within the boundaries of Groundwater Management Area 11: the Yegua Jackson, Sparta, Weches, Queen City, Reklaw, and Carrizo-Wilcox aquifers. The Desired Future Condition is defined as allowing up to an average draw down of 17 feet that applies throughout GMA 11.
- 2. The Desired Future Condition of 17 feet average drawdown is based on 178 individual drawdowns by aquifer and county (see attached document listing individual drawdowns, which is incorporated into this DFC resolution).
- 3. The Desired Future Condition is based on the Texas Water Plan and Groundwater Availability Model data, in coordination with the Texas Water Development Board.
- 4. The Desired Future Condition shall become effective immediately and shall remain in effect for five years, unless modified or repealed sooner by the GMA 11 in accordance with applicable law.

PASSED AND APPROVED BY A VOTE OF FIVE (UNANIMOUS) OF THE VOTING MEMBERS OF THE GROUNDWATER MANAGEMENT AREA 11 PRESENT, THIS 13TH DAY OF APRIL, 2010.

Table 1
Drawdown Details for Adopted Desired Future Conditions in 2060
Groundwater Management Area 11

County		Model Layer Defining Aquifer or Confining Unit (CU)								Overall
	Yegua- Jackson	Sparta	Weckes (CU)	Queen City	Reklaw (CU)	Carrizo	Upper Wilcox	Middle Wikox	Lower Wilcox	(except Yegua- Jackson)
ANDERSON (ACUWCD)				1	12	35	26	12	5	15
ANDERSON (NTVGCD)		-2	1	7	15	36	26	11	4	16
ANGELINA	32	10	11	16	22	42	5	-18	-3	11
BOWIE							21			1
CAMP				12		18	17	39		19
CASS				8	6	10	7	7		8
CHEROKEE		7	14	11	11	32	32	15	10	18
FRANKLIN					-16	-3	7	19		11
GREGG				7	11	42	49	56	79	35
HARRISON					2	24	13	5	4	9
HENDERSON				4	15	41	32	27	15	23
HOPKINS					-22	-12	-15	-28		-26
HOUSTON	3	2	1	2	15	35	12	2	-2	8
MARION				17	11	21	15	15		16
MORRIS				13	10	29	25	23		21
NACOGDOCHES	8	3	3	11	10	14	11	-10	-6	4
PANOLA				-11	-19	11	2	1	4	2
RAINS							7	-10	-5	-8
RUSK			-16	-15	-2_	6	6	23	21	12
SABINE	15	5	5	7	15	24	13	6	5	10
SAN AUGUSTINE	13	4	4	-3	11	20	9	-3	-2	3
SHELBY				-18	-19	23	-3	3	1	1
SMITH		-5	-5_	11	34	103	118	92	76	68
TITUS				-1	-3	31	14	5		9
TRINITY	11	5	4	4	12	33	-3	-7	-1	6
UPSHUR		-5	-5	5	17	56	66	66	97	44
VAN ZANDT				7	11	31	13	17	11	14
WOOD		-5	-7	-2	36	110	83	55	114	59
Overall	17	3	4	7	15	38	26	15	11	17

Note: negative drawdown means ecoundwater level increase, blank spaces means absence of acuifer in that county

GROUNDWATER MANAGEMENT AREA 11
DESIRED FUTURE CONDITIONS RESOLUTION NO. 1
APRIL 13, 2010
PAGE 2

NOT PRESENT

BEN PINSON

ANDERSON COUNTY UNDERGROUND WATER CONSERVATION DISTRICT

SOMER PAGE

PANOLA COUNTY

GROUNDWATER CONSERVATION DISTRICT

JIM MCNATT

HARRISON COUNTY

GROUNDWATER CONSERVATION DISTRICT

DAVID ALFORD

PINEYWOODS GROUNDWATER
CONSERVATION DISTRICT

ROY RODGERS

NECHES AND TRINITY VALLEYS

GROUNDWATER CONSERVATION DISTRICT

LEN LUSCOMB

RUSK COUNTY

GROUNDWATER CONSERVATION DISTRICT

Notice is hereby given that the groundwater conservation districts (GCD) located wholly or partially within Groundwater Management Area 11 (GMA-11) as designated by the Texas 3: 30 Water Development Board (TWDB) consisting of:

Anderson County Underground Water Conservation District (ACUWCD), Harrison County Groundwater Conservation District (HCGCD), Neches and Trinity Valleys Groundwater Conservation District (NTVGCD), Panola County Groundwater Conservation District (PCGCD), Pineywoods Groundwater Conservation District (PGCD), and Rusk County Groundwater Conservation District (RCGCD);

will hold a Joint Planning Meeting at 10:00 a.m. on Tuesday, April 13, 2010 in room 119 (Commissioners Room) in Nacogdoches City Hall at 202 E. Pilar, Nacogdoches, TX, for the following purposes:

- 1. Call meeting to order and establish a quorum
- 2. Welcome and introductions
- 3. Public commentsⁱⁱ
- 4. Consent items: approve minutes of February 9, 2010 meeting.
- Committee member district update and comments.
- 6. Hear presentation and remarks from TWDB representatives(s).
- 7. Discuss and take action to repeal the DFC resolution for the Carrizo-Wilcox aquifers adopted by GMA-11 on October 20, 2009.
- 8. Discuss and take possible action to set initial aquifer wide Desired Future Conditions for all aquifers in GMA-11 except for the Yegua Jackson Aquifer if GAM data not available.
- 9. Discuss agenda items and set date, time, and place for next meeting.

Dated and posted this 7th day of April, 2010

For David Alford, Chairman, GMA-11

P. J. 124

By: Roy J Rodgers, Secretary GMA-11

EXECUTIVE SESSION: During the meeting, the committee reserves the right to go into executive session for any of the purposes authorized under Texas Government Code Section 551.071, for any item on the above agenda or as otherwise authorized by law.

PUBLIC COMMENTS: Citizens who desire to address the committee on any matter may sign up to do so prior to this meeting. Public comments will be received during this portion of the meeting. Please limit comments to 3 minutes. No discussion or final action will be taken by the committee.

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NOTICE OF MEETING GROUNDWATER MANAGEMENT AREALI APR -8 AM 8: 33

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- Discuss agenda items and set date, time, and place for next meeting. 9.

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By: Roy J Rodgers, Secretary GMA-11

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will hold a **Joint Planning Meeting at 10:00 a.m. on Tuesday**, **April 13, 2010** in room 119 (Commissioners Room) in Nacogdoches City Hall at 202 E. Pilar, Nacogdoches, TX, for the following purposes:

- 1. Call meeting to order and establish a quorum
- 2. Welcome and introductions
- Public commentsⁱⁱ
- Consent items: approve minutes of February 9, 2010 meeting.
- Committee member district update and comments.
- Hear presentation and remarks from TWDB representatives(s).
- 7. If initial aquifer wide Desired Future Conditions are adopted, discuss and take action to repeal the DFC resolution for the Carrizo-Wilcox aquifers adopted by GMA-11 on October 20, 2009.
- Discuss and take possible action to set initial aquifer wide Desired Future Conditions for all aquifers in GMA-11.
- Discuss agenda items and set date, time, and place for next meeting.

Py J. Talan

Dated and posted this 7th day of April, 2010

For David Alford, Chairman, GMA-11

By: Roy J Rodgers, Secretary GMA-11

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- Public comments¹¹
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- Discuss and take action to repeal the DFC resolution for the Carrizo-Wilcox aquifers adopted by GMA-11 on October 20, 2009.
- 8. Discuss and take possible action to set initial aquifer wide Desired Future Conditions for all aquifers in GMA-11 except for the Yegua Jackson Aquifer if GAM data not available.
- 9. Discuss agenda items and set date, time, and place for next meeting.

Dated and posted this 7th day of April, 2010

For David Alford, Chairman, GMA-11

By: Roy J Rodgers, Secretary GMA-11

12. J. 120 Ben

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Neches and Trinity Valleys Groundwater Conservation District (NTVGCD),

Panola County Groundwater Conservation District (PCGCD),

Pineywoods Groundwater Conservation District (PGCD), and

Rusk County Groundwater Conservation District (RCGCD);

CLARA JONES
COUNTY CLERK PRINCIA COUNTY 1
BEOGRAPHOLA COUNTY 1

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Dated and posted this 7th day of April, 2010

For David Alford, Chairman, GMA-11

Pay J. Talgan

By: Roy J Rodgers, Secretary GMA-11

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- 2. Welcome and introductions
- Public commentsⁱⁱ 3.
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- Committee member district update and comments. 5.
- Hear presentation and remarks from TWDB representatives(s). 6.
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- Discuss agenda items and set date, time, and place for next meeting. 9.

12. J. 120 Agen

Dated and posted this 7th day of April, 2010

For David Alford, Chairman, GMA-11

By: Roy J Rodgers, Secretary GMA-11

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6712

NOTICE OF MEETING GROUNDWATER MANAGEMENT AREA 11

Notice is hereby given that the groundwater conservation districts (GCD) located wholly or partially within Groundwater Management Area 11 (GMA-11) as designated by the Texas Water Development Board (TWDB) consisting of:

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- Discuss and take possible action to set initial aquifer wide Desired Future Conditions for 8. all aquifers in GMA-11. Discuss agenda items and set date, time, and place for next meeting. 9.

Dated and posted this 7th day of April, 2010

For David Alford, Chairman, GMA-11 P. J. 120

By: Roy J Rodgers, Secretary GMA-11

EXECUTIVE SESSION: During the meeting, the committee reserves the right to go into executive session for any of the purposes authorized under Texas Government Code Section 551.071, for any item on the above agenda or as

PUBLIC COMMENTS: Citizens who desire to address the committee on any matter may sign up to do so prior to this meeting. Public comments will be received during this portion of the meeting. Please limit comments to 3 minutes. No discussion or final action will be taken by the committee.

MINUTES OF CALLED MEETING OF THE GROUNDWATER MANAGEMENT AREA 11 (GMA 11) HELD ON THE 13th DAY OF APRIL 2010

On the 13th day of April 2010 at 10:00 a.m. in the City Commissioners Chambers Room, 119 in Nacogdoches City Hall at 202 E. Pilar Street, Nacogdoches, Texas, the Board of Directors and/or designated representative of the Groundwater Conservation Districts within the TWDB designated Groundwater Management Area 11 (GMA-11) of the State of Texas convened in a regular meeting at which time the following items were discussed and action possibly taken with the following:

Members present:

David Alford Representative, Pineywoods GCD
Len Luscomb Representative, Rusk County GCD

Roy Rodgers Representative, Neches & Trinity Valleys GCD

Somer Page Representative Panola County GWD
Jim McNatt Representative, Harrision County GCD

Members Absent:

Anderson County Underground Water Conservation District

Others present included:

Bill Hutchinson TWDB Sarah Backhouse TWDB

Monique Norman RCGCD Counsel

Dustin kinder Andrew & Foster Drilling

Mike Harbardt Region 1
Jason Ferrell RCGCD

1 & 2. Call to Order:

The meeting was called to order at 10:00 a.m. by the Chairman. The Secretary declared a quorum present with five members attending. Len Luscomb delivered the invocation.

3. Public Comments

There were no comments at this time. The item was tabled to follow all other agenda items.

4. Approval of Minutes:

Upon review, the February 9, 2010 minutes were approved (motion was made by Len Luscomb, 2nd by Jim McNutt, approved unanimously).

5. Committee member district update and comments.

Page Somer of PCGCD commented that PCGCD rules were now ready to finalize. The District is looking to hire a field representative.

Jim McNatt of HCGCD reported that they now have organized opposition to the tax part of the election scheduled for May 8th.

Len Luscomb reported that the District now had a new "science wagon" for gathering well data and it was available for viewing following the meeting. RCGCD is also being audited by the state. The District now has 100 water wells for quarterly monitoring.

NTVGCD and PWGCD had no comments.

GMA-11Minutes: 2010-4-13: Page 2

6. Hear presentation and remarks from TWDB representatives(s).

Dr. William (Bill) Hutchinson, Director, Groundwater Resources, TWDB, made a comprehensive presentation of data from Draft Model Run report T10-012 for the Yegua-Jackson Aquifer and the data with revised pumping amounts submitted by the PGCD. Dr. Hutchinson reported that his data showed that, if pumping levels were equal approximately to the amount in the 2007 State Water Plan, with minor changes from GMA-11 districts, the average drawdown for all aquifers including the Yegua Jackson GMA wide would be about 17 feet.

 Discuss and take action to repeal the DFC resolution for the Carrizo-Wilcox aquifers adopted by GMA-11 on October 20, 2009.

A motion was made by Len Luscomb, RCGCD, to repeal the DFC resolution for the Carrizo-Wilcox aquifers adopted by GMA-11 on October 20, 2009. Second by Jim McNutt, passed unanimously

8. Discuss and take possible action to set initial aquifer wide Desired Future Conditions for all aquifers in GMA-11 except for the Yegua Jackson Aquifer if GAM data not available.

Under item 6, Dr. Bill Hutchison, the Director of Groundwater Resources Division of the Texas Water Development Board made a presentation at the Groundwater Management Area 11 (GMA 11) that discussed an overall average drawdown of 17 feet and 20 feet for GMA 11, and the applicable resulting Desired Future Conditions (DFC) for each aquifer in each county comprising GMA 11. Dr. Hutchison's presentation of GMA 11 average drawdown DFCs and associated Managed Available Groundwater (MAG) estimates were based on model runs of the Texas Water Development Board's groundwater availability models for the Yegua Jackson, Sparta, Weches, Queen City, Reklaw, and Carrizo-Wilcox aquifers.

Groundwater Management Area 11 discussed the proposed Desire Future Condition of an average drawdown for each aquifer and county in GMA 11, specifically for the Yegua Jackson, Sparta, Weches, Queen City, Reklaw, and Carrizo-Wilcox aquifers.

Groundwater Management Area 11 members present voted unanimously to adopt Groundwater Management Area 11 Desired Future Conditions Resolution No. 1, which adopted a DFC for all relevant aquifers within the boundaries of Groundwater Management Area 11: the Yegua Jackson, Sparta, Weches, Queen City, Reklaw, and Carrizo-Wilcox aquifers. The Desired Future Condition is defined as allowing up to an average draw down of 17 feet that applies throughout GMA 11. The Desired Future Condition of 17 feet average drawdown is based on 178 individual drawdowns by aquifer and county and incorporates the 17 foot average drawdown table document presented by the Texas Water Development Board. The DFC is based on the Texas Water Plan and Groundwater Availability Model data, in coordination with the Texas Water Development Board. The DFC shall become effective immediately and shall remain in effect for five years, unless modified or repealed sooner by the GMA 11 in accordance with applicable law. The motion was made by Len Luscomb, 2nd by Jim McNutt, passed unanimously.

3. Public Comments Reopened

There were no comments requiring action by the GMA-11 representatives.

9. Discuss agenda items and set date, time, and place for next meeting.

The next meeting was set for April 27, 2010 at 10:00 a.m. in Nacogdoches. A second meeting will be scheduled for the same date and place to immediately follow the 10:00 a.m. meeting to cover any items that may be necessary to complete the DFC package for submission to TWDB. A motion was made and approved to adjourn at 11:03. a.m. (motion by Len Luscomb, 2nd by Jim McNutt, passed unanimously).

David Alford, Chairman

Date 4-27-10

Attested to by:

Roy Rodgers, Secretary

MINUTES OF CALLED MEETING OF THE GROUNDWATER MANAGEMENT AREA 11 (GMA 11) HELD ON THE 9th DAY OF FEBRUARY 2010

On the 9th day of February 2010 at 10:00 a.m. in the City Commissioners Chambers Room, 119 in Nacogdoches City Hall at 202 E. Pilar Street, Nacogdoches, Texas, the Board of Directors and/or designated representative of the Groundwater Conservation Districts within the TWDB designated Groundwater Management Area 11 (GMA-11) of the State of Texas convened in a regular meeting at which time the following items were discussed and action possibly taken with the following:

Members present:

David Alford

Representative, Pineywoods GCD Representative, Rusk County GCD

Len Luscomb Roy Rodgers

Representative, Neches & Trinity Valleys GCD

Larry Dorman

Representative Panola County GWD

Jim McNatt

Representative, Harrision County GCD

Others present included:

Bill Hutchinson

TWDB

Robert Bradley Monique Norman **TWDB RCGCD Counsel**

Lynn R Wallace

City of Henderson

Randy Boyd

City of Henderson

Robert Crain

NWNA

1 & 2. Call to Order:

The meeting was called to order at 10:00 a.m. by the Chairman. The Secretary declared a quorum present with five members attending. Roy Rodgers delivered the invocation.

3. Public Comments

There were no comments at this time. The item was tabled to follow all other agenda items.

4. Approval of Minutes:

Upon review, the November 24, 2009 minutes were approved with two typo corrections (motion was made by Len Luscomb, 2nd by Larry Dorman, approved unanimously).

5. Committee member district update and comments.

Larry Dorman of PCGCD commented that PCGCD was working on rules and well registration

Jim McNatt of HCGCD reported that they were working on an election scheduled for May 8th.

Len Luscomb had Monique Norman report on the Carrizo-Wilcox study meeting held in Austin.

NTVGCD and PWGCD had no comments.

6. Hear presentation and remarks from TWDB representatives(s).

Dr. William (Bill) Hutchinson, Director, Groundwater Resources, TWDB, made a comprehensive presentation of new analyses of data from GAM 08-23 which included a new data run with revised pumping amounts to be submitted by the GMA-11 representatives. This data run was to change pumping amounts from the various aquifers. Dr. Hutchinson reported that his data showed that, if pumping levels were increased to the amount in the 2007 State Water Plan and using the aquifer pumping amounts submitted by GMA-11, the average drawdown for all aquifers (not including the Yegua Jackson) GMA wide would be about 40 feet, a change from the 20 foot average using state water plan pumping amounts. GMA-11Minutes: 2010-2: Page 2

Following many comments from the representatives concerning pumping from each aquifer, Dr. Hutchinson agreed to make another data run using pumping data from PGCD obtained from their consultant study and return at a future meeting to discuss the data, including county-by-county data.

7. Hear report on Carrizo Wilcox study and survey requirements for GMA-11.

Monique Norman and Len Luscomb made comments concerning this item under Item 5 above.

8. Discuss and take possible action on proposal by Rusk County Groundwater Conservation District to set initial aquifer wide Desired Future Conditions for all aquifers in GMA-11.

See Item 9.

Discuss setting DFCs for aquifers within GMA-11 and consideration of TWDB recommendations and take possible action on procedures for adopting DFC for GMA-11 including setting public hearing dates and locations.

A motion was made by Len Luscomb, seconded by Jim McNutt that GMA-11 approve in principal a DFC with an average drawdown of 20 feet based on the state water plan numbers with approximately 183 (by county by aquifer) MAG numbers and drawdown numbers plus including the Yegua-Jackson Aquifer when the GAM is final with a final vote on April 13, 2010. Motion passed unanimously.

A motion was made by Len Luscomb, seconded by Larry Dorman, that we vote on the initial DFC at the April 13, 2010 GMA-11 meeting. Motion passed unanimously.

Motion by Roy Rodgers, seconded by Len Luscomb that the Trinity, Nacatoch, and Gulf Coast Aquifers are not relevant to GMA-11 and are not included in the DFC. Motion passed unanimously.

3. Public Comments Reopened

There were no comments requiring action by the GMA-11 representatives.

10. Discuss agenda items and set date, time, and place for next meeting.

Date

The next meeting was set for April 13, 2010 at 10:00 a.m. in Nacogdoches. A motion was made and approved to adjourn at 11:28. a.m. (motion by Len Luscomb, 2nd by Larry Dorman, passed unanimously)

David Alford, Chairman

Attested to by:

Roy Rodgers Secretary