



City of Garden Ridge

9400 Municipal Parkway
Garden Ridge, Texas 78266-2600
(210) 651-6632
Fax (210) 651-9638

AGENDA
REGULAR SESSION
GARDEN RIDGE QUARRY COMMISSION MEETING
Monday, June 13, 2016 at 7:00 P.M.

The Garden Ridge City Quarry Commission will meet in regular session on Monday, June 13, 2016 at 7:00 p.m. in the City Council Chambers, 9400 Municipal Parkway, Garden Ridge, Texas. This is an open meeting, open to the public, subject to the Open Meetings Law of the State of Texas, and as required by law, notice is hereby posted on or before June 10, 2016 before 5:00 p.m., providing time, place, date and agenda thereof. The meeting facility is wheelchair accessible and accessible parking spaces are provided. Requests for accommodations or interpretative services must be made 48 hours prior to this meeting.

1. Call to Order :
2. Roll Call:
3. Approval of Minutes:
 - a) April 11, 2016 Regular Quarry Commission Meeting
4. Citizens Comments: Please use signup sheet

Rules for Citizen's Participation:

The Quarry Commission welcomes citizen participation and comments at all of their Commission Meetings. As a courtesy to your fellow citizens and out of respect to our elected officials, we request that if you speak, that you please follow these guidelines.

- a. Direct your comments to the entire Commission, not to an individual member, nor to the audience.
- b. Show the Commission the same respect and courtesy that you would like to be shown.
- c. Limit remarks to three (3) minutes per citizen during Item 4 and to three (3) minutes per citizen during Item 6.
- d. Citizens' comments will be limited to one (1) hour in Item 4 and thirty (30) minutes in Item 6.
- e. Citizen comments may be deferred to a specific Business Item set forth in Section 5, below, if such comments pertain to such Business Item

*NOTE: The Texas Open Meetings Act permits a member of the public or a member of the governmental body to raise a subject that has not been included in the notice for the meeting. However, any discussion of the subject **must be limited** to a proposal to place the subject on the*

agenda for a future meeting and any response to a question posed to the Commission is limited to either a statement of specific factual information or a recitation of existing policy. TEX. GOV'T CODE § 551.042.

5. Business Items:

The City Quarry Commission may discuss, consider, and /or take possible action for possible recommendation to the City Council for the following items:

- a. Review and discussion on the monthly Hanson Quarry blasting analysis data reported by Vibratex. Discussion with Hanson Servtex and Blasting contractors, on recent quarry operations, including any unusual blasts that occurred during reported month/s and/or current month.
- b. Review individual citizen blast report/s, follow up on citizen blast report/s and/or assign Quarry Commission member contact with citizen/s, as necessary.
- c. Discussion on number of, placement and location of monitors and other matters related to monitoring of blasts by Vibratex and notification to residents of monitor placements.
- d. Discuss and possible recommendation on meeting time.
- e. Discuss Grapevine article topics and future author/s of articles.
- f. Discuss future training sessions.

6. Citizen's Participation: - 3 minute limit per citizen.
See "Rules for Citizen's Participation" under Item 4.

7. Training Session (30 minute limit):

- a. Environmental and blast effects as measured by monitor.

8. Executive Session

The Quarry Commission will recess its open meeting and reconvene in Executive Session

- a) Pursuant to Texas Government Code 552.071, to consult with the City Attorney regarding legal issues related to Hanson Aggregates operations, blasting and possible amendments to Ordinance 34

9. Business Items (continued)

The Quarry Commission will reconvene into Regular Session upon conclusion of the Executive Session and may recall any item posted for Executive Session for action, as Necessary

10. Adjournment:

AGENDA NOTICES:

Decorum Required:

Any disruptive behavior, including shouting or derogatory statements or comments may be ruled out of order by the Presiding Officer. Continuation of this type of behavior could result in a request by the Presiding Officer that the individual leave the meeting, and if refused, an order of removal.

Action by Commission Authorized:

The City Quarry Commission may vote and/or act upon any item within this Agenda. The Commission reserves the right to retire into executive session concerning any of the items listed on this Agenda, pursuant to and in accordance with Texas Government Code Section 551.071, to seek the advice of its attorney about pending or contemplated litigation, settlement offer or on a matter in which the duty of the attorney to the governmental body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas conflict with the Open Meetings Act and may invoke this right where the City Attorney, the Mayor or a majority of the Governing Body deems an executive session is necessary to allow privileged consultation between the City Attorney and the governing body, if considered necessary and legally justified under the Open Meetings Act. The City Attorney may appear in person, or appear in executive session by conference call in accordance with applicable state law.

Executive Sessions Authorized:

This agenda has been reviewed and approved by the City's legal counsel and the presence of any subject in any Executive Session portion of the agenda constitutes a written interpretation of Texas Government Code Chapter 551 by legal counsel for the governmental body and constitutes an opinion by the attorney that the items discussed therein may be legally discussed in the closed portion of the meeting considering available opinions of a court of record and opinions of the Texas Attorney General known to the attorney. This provision has been added to this agenda with the intent to meet all elements necessary to satisfy Texas Government Code Chapter 551.144(c) and the meeting is conducted by all participants in reliance on this opinion.

Attendance By Other Elected or Appointed Officials:

It is anticipated that members of other city board, commissions and/or committees may attend the meeting in numbers that may constitute a quorum of the other city boards, commissions and/or committees. Notice is hereby given that the meeting, to the extent required by law, is also noticed as a meeting of the other boards, commissions and/or committees of the City, whose members may be in attendance. The members of the boards, commissions and/or committees may participate in discussions on the same items listed on the agenda, which occur at the meeting, but no action will be taken by such in attendance unless such item and action is specifically provided for on an agenda for that board, commission or committee subject to the Texas Open Meetings Act.


Shelley Goodwin, TMRC
City Secretary

This is to certify that I, Shelley Goodwin, posted this Agenda at 1:30 pm on June 8, 2016 on the bulletin board located at the entrance to the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas.


Shelley Goodwin, TMRC
City Secretary



City of Garden Ridge

9400 Municipal Parkway
Garden Ridge, Texas 78266-2600
(210) 651-6632
Fax (210) 651-9638

MINUTES OF QUARRY COMMISSION REGULAR MEETING APRIL 11, 2016

Members Present:

Chairman Mike Shands
Commissioner Albert Haddad
Commissioner Richard Holloway
Commissioner Jerry Barucky
Commissioner Johnell Holly
Commissioner Jim Morgan

Member Absent:

Vice Chairman Wayne Mudge
Ex-Officio Member Councilmember Bryan Lantzy

City Staff Present:

Nancy Cain, City Administrator
Shelley Goodwin, City Secretary

1. Call to Order

With a quorum of the Quarry Commission Members present, Chairman Shands called the regular meeting of the Garden Ridge Quarry Commission to order at 7:01 p.m. on Monday, April 11, 2016 in the City Council Chambers of the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas 78266.

2. Approval of Minutes:

a) February 8, 2016 Regular Quarry Commission Meeting

Motion: Upon motion made by Commissioner Holloway and seconded by Commissioner Holly to approve February 8, 2016 Quarry Commission Meeting Minutes. The Quarry Commission voted six (6) for, none (0) opposed. The motion carried unanimously.

3. Citizens Comments

No one wished to speak.

4. **Business Items:**

The City Quarry Commission may discuss, consider, and /or take possible action for possible recommendation to the City Council for the following items:

- a. **Review and discussion on the monthly Hanson Quarry blasting analysis data reported by Vibratech. Discussion with Hanson Servtex and Blasting contractors, on recent quarry operations, including any unusual blasts that occurred during reported month/s and/or current month.**

Geoffrey Rigsby of Vibra-Tech presented and discussed the February blast analysis. He stated that 15 blasts occurred during the month of February and none of the blast exceeded the limits of Ordinance 34. The highest ppv readings occurred on February 11, 2016 in Bench 3B, with .220 ppv recorded at the Warden residence. The strongest air blast occurring on February 24, 2016 with an overpressure of 113.7 recorded at the Warden property line. He also discussed the timing and shots. He then presented and discussed the March blast analysis. He stated that 13 blasts occurred during the month of March and none of the blast exceeded the limits of Ordinance 34. The highest ppv readings occurred on March 4, 2016 in Bench 3B, with .245 ppv recorded at the Warden residence. The strongest air blast occurring on March 29, 2016 with an overpressure of 121.9 recorded at the Warden residence. He also discussed the timing and shots.

The Quarry Commission reviewed the shots and the blast analysis.

Geoffrey Rigsby of Vibra-Tech explained the graphics.

Elliott Giles of Orica explained the shot designs and the effect the weather had on the blasts during the blasts in February and March.

- b. **Review individual citizen blast report/s, follow up on citizen blast report/s and/or assign Quarry Commission member contact with citizen/s, as necessary.**

The Quarry Commission reviewed the citizen blast reports that were received by Beverly Pickering, Edwin Ford (2 reports), Connie Cain (2 reports), David McCormick, Robert Kessler, Carolyn Cohen, and Missy Lantzy.

Geoffrey Rigsby, Vibra-Tech, reviewed the shot reports for each citizen blast report received during the months of February and March.

- c. **Discussion on number of, placement and location of monitors and other matters related to monitoring of blasts by Vibratech and notification to residents of monitor placements.**

The Quarry Commission discussed the placement of the roving monitor. They agreed by consensus for the roving monitor to be placed at the Milton Fields residence and then the Midla residence.

d. Discuss Grapevine article topics and future author/s of articles.

The Quarry Commission discussed the upcoming Grapevine article topic, which will be written by Commissioner Barucky.

e. Discuss future training sessions.

The Quarry Commission discussed future training sessions.

Geoffrey Rigsby of Vibra-Tech suggested environmental and blast effects as measured by monitor.

The Quarry Commission agreed by consensus to have environmental and blast effects as measured by monitor. They also discussed putting meeting time on the next agenda for a discussion.

5. Citizen's Participation: - 3 minute limit per citizen.

No one wished to speak.

6. Training Session (30 minute limit):

a. Demonstration of and discussion on a Blast Monitor.

Geoffrey Rigsby of Vibra-Tech demonstrated and discussed with the Quarry Commission the blast monitor.

7. Adjournment:

There being no further business, the Monday, April 11, 2016 Garden Ridge Quarry Commission regular meeting was adjourned at 8:43 p.m. by Chairman Shands.

Mike Shands
Quarry Commission Chairman

ATTEST

Shelley Goodwin
City Secretary

**SIGN IN TO SPEAK AT THE April 11, 2016
QUARRY COMMISSION REGULAR MEETING**

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- b. Show the Commission the same respect and courtesy that you expect to be shown to you.
- c. Limit remarks to three (3) minutes.

Disclaimer:

Any disruptive behavior, including shouting or derogatory statements or comments, will be ruled out of order by the Presiding Officer. Continuation of this type of behavior could result in a request by the Presiding Officer that the individual leave the meeting, and if refused, an order of removal.

	NAME	ADDRESS	SUBJECT
1.	ALBERT H		
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			



May 5, 2016

Mr. Mike Shands
Garden Ridge Quarry Commission
9400 Municipal Parkway
Garden Ridge, Texas 78266

4818 E. Ben White Blvd.
Suite 202
Austin, TX 78741

Phone 512.442.6464
Fax 512.442.6552

Dear Mr. Shands,

Enclosed is the analysis for the blasting conducted during the month of April 2016 at the Hanson Aggregates Quarry in Garden Ridge, Texas. Please place this information in your 2016 Blast Data Management Book.

At the request of the Garden Ridge Quarry Commission, Vibra-Tech, Inc. personnel used seismographs each day of blasting at various locations.

The attached report contains the original seismograph records obtained from the blasting along with a comparison of the recorded vibrations to the latest recommended U.S. Bureau of Mines (USBM) Variable Particle Velocity vs. Frequency Limits Report of Investigations (RI)-8507 (Nov. 1980).

The recorded ground vibrations **satisfy** the Variable Particle Velocity vs. Frequency Limits recommended by the USBM RI-8507 (Nov. 1980), and the levels set forth in Garden Ridge City Ordinance 34.

The recorded air-borne effects **satisfy** the recommended levels set forth in the USBM RI-8485 (Nov. 1980), and the levels set forth in Garden Ridge City Ordinance 34.

If there are any additional questions, please contact the Quarry Commission, Mike Shands at 210-257-0868, or attend the Quarry Commission meeting held the 2nd Monday of each month at 7:00 p.m.

Respectfully submitted,

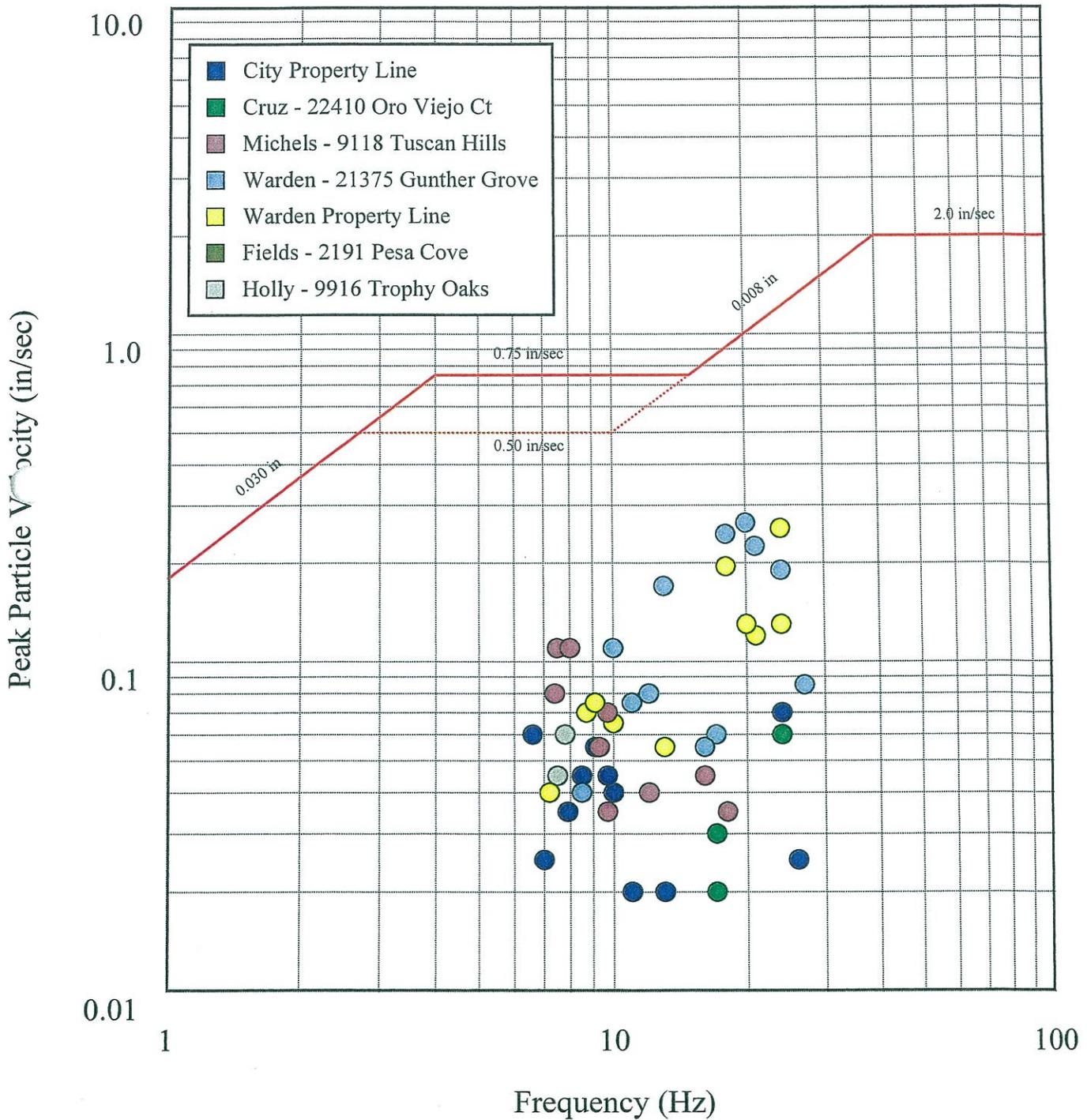
VIBRA-TECH, INC.

A handwritten signature in blue ink, consisting of two distinct, fluid, wavy strokes.

Geoffrey Rigsby
Southwest Regional Manager

cc: Jacob Scherer, Hanson – Servtex

Comparison of Measured Blast Vibrations to Current U.S. Bureau of Mines Recommendations Quarry Commission Garden Ridge Apr-16



GARDEN RIDGE QUARRY COMMISSION
GARDEN RIDGE, TEXAS
MONTH OF APRIL 2016

DATE	SHOT # LOCATION	SHOT LOCATION GPS READING	WEATHER	TIME	PPV (in/sec)	FREQ (Hz)	AIR (dB)	SHOT DURATION (MS)	MAX LBS/ DELAY	DISTANCE FROM BLAST	SEISMOGRAPH LOCATION
04/04/16	04-04-16 3B	N 29° 38' 40.5" W 098° 17' 35.2"	CLEAR 75° SW 11	12:15	0.060	6.6	101.9	1238	580.00	2,452	City Property Line
04/04/16	04-04-16 3B	N 29° 38' 40.5" W 098° 17' 35.2"	CLEAR 75° SW 11	12:15	0.060	24.0	100.0	1238	580.00	4,161	Cruz - 22410 Oro Viejo Ct
04/04/16	04-04-16 3B	N 29° 38' 40.5" W 098° 17' 35.2"	CLEAR 75° SW 11	12:15	0.080	7.4	98.8	1238	580.00	4,065	Michels - 9118 Tuscan Hills
04/04/16	04-04-16 3B	N 29° 38' 40.5" W 098° 17' 35.2"	CLEAR 75° SW 11	12:15	0.225	21.0	109.2	1238	580.00	1,823	Warden - 21375 Gunther Grove
04/04/16	04-04-16 3B	N 29° 38' 40.5" W 098° 17' 35.2"	CLEAR 75° SW 11	12:15	0.195	18.0	108.8	1238	580.00	1,606	Warden Property Line
04/05/16	04-05-16 3C	N 29° 38' 46" W 098° 17' 36"	CLEAR 72° SW 9	11:55	0.055	9.1	101.0	900	975.00	2,848	City Property Line
04/05/16	04-05-16 3C	N 29° 38' 46" W 098° 17' 36"	CLEAR 72° SW 9	11:55	0.040	12.0	102.8	900	975.00	3,878	Cruz - 22410 Oro Viejo Ct
04/05/16	04-05-16 3C	N 29° 38' 46" W 098° 17' 36"	CLEAR 72° SW 9	11:55	0.110	7.5	103.5	900	975.00	3,872	Michels - 9118 Tuscan Hills
04/05/16	04-05-16 3C	N 29° 38' 46" W 098° 17' 36"	CLEAR 72° SW 9	11:55	0.170	13.0	106.5	900	975.00	2,357	Warden - 21375 Gunther Grove
04/05/16	04-05-16 3C	N 29° 38' 46" W 098° 17' 36"	CLEAR 72° SW 9	11:55	0.120	21.0	108.0	900	975.00	2,144	Warden Property Line
04/07/16	04-07-16 5A	N 29° 39' 04.1" W 098° 17' 17.9"	CLEAR 76° SW 10	11:58	0.020	11.0	106.0	912	730.00	5,273	City Property Line
04/07/16	04-07-16 5A	N 29° 39' 04.1" W 098° 17' 17.9"	CLEAR 76° SW 10	11:58	0.020	17.0	102.8	912	730.00	5,285	Cruz - 22410 Oro Viejo Ct
04/07/16	04-07-16 5A	N 29° 39' 04.1" W 098° 17' 17.9"	CLEAR 76° SW 10	11:58	0.040	12.0	104.2	912	730.00	5,564	Michels - 9118 Tuscan Hills
04/07/16	04-07-16 5A	N 29° 39' 04.1" W 098° 17' 17.9"	CLEAR 76° SW 10	11:58	0.085	27.0	106.0	912	730.00	4,601	Warden - 21375 Gunther Grove
04/07/16	04-07-16 5A	N 29° 39' 04.1" W 098° 17' 17.9"	CLEAR 76° SW 10	11:58	0.065	10.0	106.0	912	730.00	4,380	Warden Property Line
04/08/16	04-08-16 3D	N 29° 38' 50.7" W 098° 17' 37.0"	PT CLOUDY 72° NE 11	11:36	0.045	8.5	109.2	660	884.00	3,213	City Property Line

NT = No Trigger, <0.020 ips.
NT = No Trigger, <122dB

GARDEN RIDGE QUARRY COMMISSION
GARDEN RIDGE, TEXAS
MONTH OF APRIL 2016

DATE	SHOT # LOCATION	SHOT LOCATION GPS READING	WEATHER	TIME	PPV (in/sec)	FREQ (Hz)	AIR (dB)	SHOT DURATION (MS)	MAX LBS/ DELAY	DISTANCE FROM BLAST	SEISMOGRAPH LOCATION
04/08/16	04-08-16 3D	N 29° 38' 50.7" W 098° 17' 37.0"	PT CLOUDY 72° NE 11	11:36	0.030	17.0	102.8	660	884.00	3,660	Cruz - 22410 Oro Viejo Ct
04/08/16	04-08-16 3D	N 29° 38' 50.7" W 098° 17' 37.0"	PT CLOUDY 72° NE 11	11:36	0.070	9.7	104.2	660	884.00	3,738	Michels - 9118 Tuscan Hills
04/08/16	04-08-16 3D	N 29° 38' 50.7" W 098° 17' 37.0"	PT CLOUDY 72° NE 11	11:36	0.110	10.0	109.5	660	884.00	2,819	Warden - 21375 Gunther Grove
04/08/16	04-08-16 3D	N 29° 38' 50.7" W 098° 17' 37.0"	PT CLOUDY 72° NE 11	11:36	0.070	8.7	109.2	660	884.00	2,610	Warden Property Line
04/14/16	04-14-16 South Wall B	N 29° 38' 14.4" W 098° 16' 45.1"	PT CLOUDY 74° NE 9	11:58	NT	NT	NT	968	1079.00	6,123	City Property Line
04/14/16	04-14-16 South Wall B	N 29° 38' 14.4" W 098° 16' 45.1"	PT CLOUDY 74° NE 9	11:58	NT	NT	NT	968	1079.00	12,546	Fields - 2191 Pesa Cove
04/14/16	04-14-16 South Wall B	N 29° 38' 14.4" W 098° 16' 45.1"	PT CLOUDY 74° NE 9	11:58	0.060	7.8	108.0	968	1079.00	3,603	Holly - 9916 Trophy Oaks
04/14/16	04-14-16 South Wall B	N 29° 38' 14.4" W 098° 16' 45.1"	PT CLOUDY 74° NE 9	11:58	NT	NT	NT	968	1079.00	9,139	Michels - 9118 Tuscan Hills
04/14/16	04-14-16 South Wall B	N 29° 38' 14.4" W 098° 16' 45.1"	PT CLOUDY 74° NE 9	11:58	0.060	17.0	109.5	968	1079.00	4,913	Warden - 21375 Gunther Grove
04/15/16	04-15-16 3E	N 29° 38' 54.6" W 098° 17' 37.4"	CLOUDY 61° E 4	10:52	0.025	26.0	106.5	380	800.00	3,553	City Property Line
04/15/16	04-15-16 3E	N 29° 38' 54.6" W 098° 17' 37.4"	CLOUDY 61° E 4	10:52	NT	NT	NT	380	800.00	8,282	Fields - 2191 Pesa Cove
04/15/16	04-15-16 3E	N 29° 38' 54.6" W 098° 17' 37.4"	CLOUDY 61° E 4	10:52	0.045	16.0	101.0	380	800.00	3,710	Michels - 9118 Tuscan Hills
04/15/16	04-15-16 3E	N 29° 38' 54.6" W 098° 17' 37.4"	CLOUDY 61° E 4	10:52	0.055	16.0	107.0	380	800.00	3,210	Warden - 21375 Gunther Grove
04/15/16	04-15-16 3E	N 29° 38' 54.6" W 098° 17' 37.4"	CLOUDY 61° E 4	10:52	0.040	7.2	108.4	380	800.00	3,003	Warden Property Line
04/20/16	04-20-16 Upper 3A	N 29° 38' 36.7" W 098° 17' 35.3"	CLEAR 72° NE 8	11:35	0.040	10.0	109.9	360	275.00	2,176	City Property Line
04/20/16	04-20-16 Upper 3A	N 29° 38' 36.7" W 098° 17' 35.3"	CLEAR 72° NE 8	11:35	NT	NT	NT	360	275.00	8,949	Fields - 2191 Pesa Cove

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GARDEN RIDGE QUARRY COMMISSION
GARDEN RIDGE, TEXAS
MONTH OF APRIL 2016

DATE	SHOT # LOCATION	SHOT LOCATION GPS READING	WEATHER	TIME	PPV (in/sec)	FREQ (Hz)	AIR (dB)	SHOT DURATION (MS)	MAX LBS/ DELAY	DISTANCE FROM BLAST	SEISMOGRAPH LOCATION
04/20/16	04-20-16 Upper 3A	N 29° 38' 36.7" W 098° 17' 35.3"	CLEAR 72° NE 8	11:35	0.035	18.0	102.8	360	275.00	4,184	Michels - 9118 Tuscan Hills
04/20/16	04-20-16 Upper 3A	N 29° 38' 36.7" W 098° 17' 35.3"	CLEAR 72° NE 8	11:35	0.245	18.0	109.9	360	275.00	1,449	Warden - 21375 Gunther Grove
04/20/16	04-20-16 Upper 3A	N 29° 38' 36.7" W 098° 17' 35.3"	CLEAR 72° NE 8	11:35	0.130	20.0	112.0	360	275.00	1,230	Warden Property Line
04/22/16	04-22-16 3B	N 29° 38' 40.1" W 098° 17' 35.5"	CLEAR 77° N 8	11:49	0.070	24.0	108.0	1088	663.00	2,404	City Property Line
04/22/16	04-22-16 3B	N 29° 38' 40.1" W 098° 17' 35.5"	CLEAR 77° N 8	11:49	NT	NT	NT	1088	663.00	8,105	Fields - 2191 Pesa Cove
04/22/16	04-22-16 3B	N 29° 38' 40.1" W 098° 17' 35.5"	CLEAR 77° N 8	11:49	0.110	8.0	102.8	1088	663.00	4,052	Michels - 9118 Tuscan Hills
04/22/16	04-22-16 3B	N 29° 38' 40.1" W 098° 17' 35.5"	CLEAR 77° N 8	11:49	0.265	20.0	112.3	1088	663.00	1,778	Warden - 21375 Gunther Grove
04/22/16	04-22-16 3B	N 29° 38' 40.1" W 098° 17' 35.5"	CLEAR 77° N 8	11:49	0.255	24.0	113.3	1088	663.00	1,561	Warden Property Line
04/25/16	04-25-16 5B	N 29° 39' 02.2" W 098° 17' 16.5"	CLOUDY 81° S 11	11:55	0.020	13.0	107.0	944	663.00	5,193	City Property Line
04/25/16	04-25-16 5B	N 29° 39' 02.2" W 098° 17' 16.5"	CLOUDY 81° S 11	11:55	NT	NT	NT	944	663.00	10,723	Fields - 2191 Pesa Cove
04/25/16	04-25-16 5B	N 29° 39' 02.2" W 098° 17' 16.5"	CLOUDY 81° S 11	11:55	0.035	9.7	107.0	944	663.00	5,637	Michels - 9118 Tuscan Hills
04/25/16	04-25-16 5B	N 29° 39' 02.2" W 098° 17' 16.5"	CLOUDY 81° S 11	11:55	0.075	11.0	108.0	944	663.00	4,479	Warden - 21375 Gunther Grove
04/25/16	04-25-16 5B	N 29° 39' 02.2" W 098° 17' 16.5"	CLOUDY 81° S 11	11:55	0.055	13.0	108.4	944	663.00	4,259	Warden Property Line
04/26/16	04-26-16 3C	N 29° 38' 45.1" W 098° 17' 36.0"	CLOUDY 80° S 13	12:15	0.045	9.7	98.8	1080	975.00	2,773	City Property Line
04/26/16	04-26-16 3C	N 29° 38' 45.1" W 098° 17' 36.0"	CLOUDY 80° S 13	12:15	NT	NT	NT	1080	975.00	8,150	Fields - 2191 Pesa Cove
04/26/16	04-26-16 3C	N 29° 38' 45.1" W 098° 17' 36.0"	CLOUDY 80° S 13	12:15	0.075	9.1	102.8	1080	975.00	3,887	Michels - 9118 Tuscan Hills

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GARDEN RIDGE QUARRY COMMISSION
GARDEN RIDGE, TEXAS
MONTH OF APRIL 2016

DATE	SHOT # LOCATION	SHOT LOCATION GPS READING	WEATHER	TIME	PPV (in/sec)	FREQ (Hz)	AIR (dB)	SHOT DURATION (MS)	MAX LBS/ DELAY	DISTANCE FROM BLAST	SEISMOGRAPH LOCATION
04/26/16	04-26-16 3C	N 29° 38' 45.1" W 098° 17' 36.0"	CLOUDY 80° S 13	12:15	0.190	24.0	105.5	1080	975.00	2,267	Warden - 21375 Gunther Grove
04/26/16	04-26-16 3C	N 29° 38' 45.1" W 098° 17' 36.0"	CLOUDY 80° S 13	12:15	0.130	24.0	106.5	1080	975.00	2,054	Warden Property Line
04/27/16	04-27-16 S Wall 0	N 29° 38' 17.6" W 098° 16' 37.5"	CLEAR 85° NW 6	12:17	0.025	7.0	107.5	688	1001.00	6,755	City Property Line
04/27/16	04-27-16 S Wall 0	N 29° 38' 17.6" W 098° 16' 37.5"	CLEAR 85° NW 6	12:17	NT	NT	NT	688	1001.00	13,180	Fields - 2191 Pesa Cove
04/27/16	04-27-16 S Wall 0	N 29° 38' 17.6" W 098° 16' 37.5"	CLEAR 85° NW 6	12:17	0.045	7.5	111.5	688	1001.00	4,280	Holly - 9916 Trophy Oaks
04/27/16	04-27-16 S Wall 0	N 29° 38' 17.6" W 098° 16' 37.5"	CLEAR 85° NW 6	12:17	NT	NT	NT	688	1001.00	9,630	Michels - 9118 Tuscan Hills
04/27/16	04-27-16 S Wall 0	N 29° 38' 17.6" W 098° 16' 37.5"	CLEAR 85° NW 6	12:17	0.040	8.5	110.9	688	1001.00	5,532	Warden - 21375 Gunther Grove
04/28/16	04-28-16 3D	N 29° 38' 50" W 098° 17' 37.2"	PT CLOUDY 80° SE 10	13:00	0.035	7.9	106.5	700	897.00	3,142	City Property Line
04/28/16	04-28-16 3D	N 29° 38' 50" W 098° 17' 37.2"	PT CLOUDY 80° SE 10	13:00	NT	NT	NT	700	897.00	8,163	Fields - 2191 Pesa Cove
04/28/16	04-28-16 3D	N 29° 38' 50" W 098° 17' 37.2"	PT CLOUDY 80° SE 10	13:00	0.055	9.3	107.5	700	897.00	3,724	Michels - 9118 Tuscan Hills
04/28/16	04-28-16 3D	N 29° 38' 50" W 098° 17' 37.2"	PT CLOUDY 80° SE 10	13:00	0.080	12.0	106.0	700	897.00	2,747	Warden - 21375 Gunther Grove
04/28/16	04-28-16 3D	N 29° 38' 50" W 098° 17' 37.2"	PT CLOUDY 80° SE 10	13:00	0.075	9.1	107.5	700	897.00	2,538	Warden Property Line

NT = No Trigger, <0.020 ips.
NT = No Trigger, <122dB



June , 2016

Mr. Mike Shands
Garden Ridge Quarry Commission
9400 Municipal Parkway
Garden Ridge, Texas 78266

4818 E. Ben White Blvd.
Suite 202
Austin, TX 78741

Phone 512.442.6464
Fax 512.442.6552

Dear Mr. Shands,

Enclosed is the analysis for the blasting conducted during the month of June 2016 at the Hanson Aggregates Quarry in Garden Ridge, Texas. Please place this information in your 2016 Blast Data Management Book.

At the request of the Garden Ridge Quarry Commission, Vibra-Tech, Inc. personnel used seismographs each day of blasting at various locations.

The attached report contains the original seismograph records obtained from the blasting along with a comparison of the recorded vibrations to the latest recommended U.S. Bureau of Mines (USBM) Variable Particle Velocity vs. Frequency Limits Report of Investigations (RI)-8507 (Nov. 1980).

The recorded ground vibrations **satisfy** the Variable Particle Velocity vs. Frequency Limits recommended by the USBM RI-8507 (Nov. 1980), and the levels set forth in Garden Ridge City Ordinance 34.

The recorded air-borne effects **satisfy** the recommended levels set forth in the USBM RI-8485 (Nov. 1980), and the levels set forth in Garden Ridge City Ordinance 34.

If there are any additional questions, please contact the Quarry Commission, Mike Shands at 210-257-0868, or attend the Quarry Commission meeting held the 2nd Monday of each month at 7:00 p.m.

Respectfully submitted,

VIBRA-TECH, INC.

A handwritten signature in blue ink, consisting of two distinct, stylized, wave-like strokes.

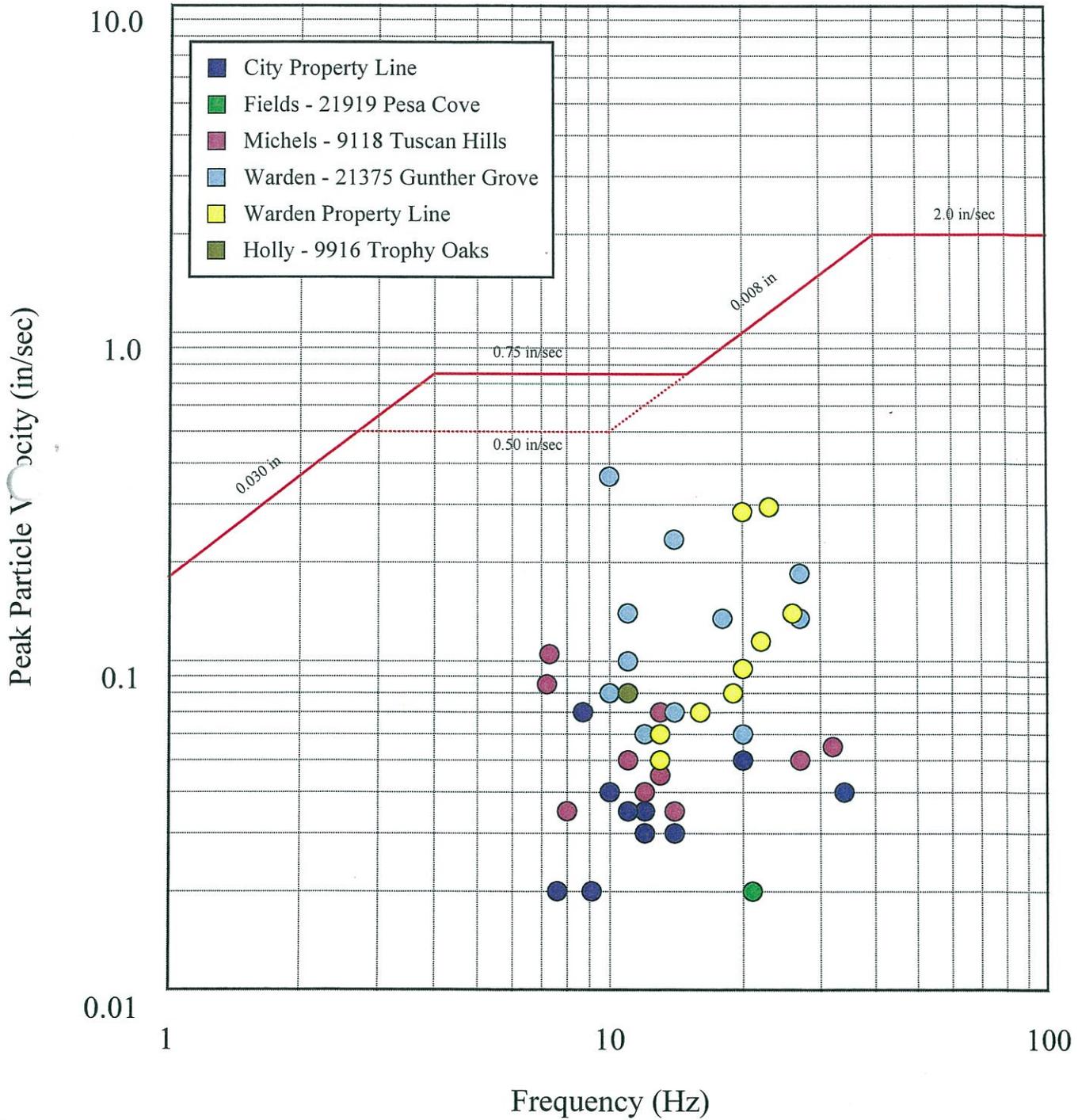
Geoffrey Rigsby

Southwest Regional Manager

cc: Jacob Scherer, Hanson – Servtex



Comparison of Measured Blast Vibrations to Current U.S. Bureau of Mines Recommendations Quarry Commission Garden Ridge May 2016



GARDEN RIDGE QUARRY COMMISSION
GARDEN RIDGE, TEXAS
MONTH OF MAY 2016

DATE	SHOT # LOCATION	SHOT LOCATION GPS READING	WEATHER	TIME	PPV (in/sec)	FREQ (Hz)	AIR (dB)	SHOT DURATION (MS)	MAX LBS/ DELAY	DISTANCE FROM BLAST	SEISMOGRAPH LOCATION
05/03/16	05-03-16 3E	N 29° 38' 54.9" W 098° 17' 37.2"	CLEAR 65° NE 12	11:46	0.030	12.0	108.4	400	793.00	3,588	City Property Line
05/03/16	05-03-16 3E	N 29° 38' 54.9" W 098° 17' 37.2"	CLEAR 65° NE 12	11:46	NT	NT	NT	400	793.00	8,308	Fields - 21919 Pesa Cove
05/03/16	05-03-16 3E	N 29° 38' 54.9" W 098° 17' 37.2"	CLEAR 65° NE 12	11:46	0.045	13.0	106.0	400	793.00	3,730	Michels - 9118 Tuscan Hills
05/03/16	05-03-16 3E	N 29° 38' 54.9" W 098° 17' 37.2"	CLEAR 65° NE 12	11:46	0.060	12.0	108.4	400	793.00	3,242	Warden - 21375 Gunther Grove
05/03/16	05-03-16 3E	N 29° 38' 54.9" W 098° 17' 37.2"	CLEAR 65° NE 12	11:46	0.035	11.0	108.8	400	793.00	3,034	Warden Property Line
05/04/16	05-04-16 5A	N 29° 39' 04.8" W 098° 17' 17.8"	PT CLOUDY 81° W 9	12:28	NT	NT	NT	912	663.00	5,330	City Property Line
05/04/16	05-04-16 5A	N 29° 39' 04.8" W 098° 17' 17.8"	PT CLOUDY 81° W 9	12:28	NT	NT	NT	912	663.00	10,256	Fields - 21919 Pesa Cove
05/04/16	05-04-16 5A	N 29° 39' 04.8" W 098° 17' 17.8"	PT CLOUDY 81° W 9	12:28	0.040	12.0	104.2	912	663.00	5,580	Michels - 9118 Tuscan Hills
05/04/16	05-04-16 5A	N 29° 39' 04.8" W 098° 17' 17.8"	PT CLOUDY 81° W 9	12:28	0.080	10.0	111.2	912	663.00	4,665	Warden - 21375 Gunther Grove
05/04/16	05-04-16 5A	N 29° 39' 04.8" W 098° 17' 17.8"	PT CLOUDY 81° W 9	12:28	0.060	13.0	110.9	912	663.00	4,444	Warden Property Line
05/05/16	05-05-16 S Wall A	N 29° 38' 15.9" W 098° 16' 40.9"	CLEAR 84° SE 5	12:42	0.020	7.6	109.9	1050	962.00	6,472	City Property Line
05/05/16	05-05-16 S Wall A	N 29° 38' 15.9" W 098° 16' 40.9"	CLEAR 84° SE 5	12:42	NT	NT	NT	1050	962.00	12,897	Fields - 21919 Pesa Cove
05/05/16	05-05-16 S Wall A	N 29° 38' 15.9" W 098° 16' 40.9"	CLEAR 84° SE 5	12:42	0.080	11.0	103.5	1050	962.00	3,973	Holly - 9916 Trophy Oaks
05/05/16	05-05-16 S Wall A	N 29° 38' 15.9" W 098° 16' 40.9"	CLEAR 84° SE 5	12:42	NT	NT	NT	1050	962.00	9,417	Michels - 9118 Tuscan Hills
05/05/16	05-05-16 S Wall A	N 29° 38' 15.9" W 098° 16' 40.9"	CLEAR 84° SE 5	12:42	0.060	20.0	111.8	1050	962.00	5,225	Warden - 21375 Gunther Grove
05/06/16	05-06-16 1B	N 29° 38' 33.9" W 098° 17' 33.2"	CLEAR 78° SE 7	11:21	0.035	12.0	104.2	496	225.00	2,157	City Property Line

NT = No Trigger, <0.020 ips.

NT = No Trigger, <122dB

GARDEN RIDGE QUARRY COMMISSION
GARDEN RIDGE, TEXAS
MONTH OF MAY 2016

DATE	SHOT # LOCATION	SHOT LOCATION GPS READING	WEATHER	TIME	PPV (in/sec)	FREQ (Hz)	AIR (dB)	SHOT DURATION (MS)	MAX LBS/ DELAY	DISTANCE FROM BLAST	SEISMOGRAPH LOCATION
05/06/16	05-06-16 1B	N 29° 38' 33.9" W 098° 17' 33.2"	CLEAR 78° SE 7	11:21	NT	NT	NT	496	225.00	8,242	Fields - 21919 Pesa Cove
05/06/16	05-06-16 1B	N 29° 38' 33.9" W 098° 17' 33.2"	CLEAR 78° SE 7	11:21	0.035	8.0	101.9	496	225.00	4,465	Michels - 9118 Tuscan Hills
05/06/16	05-06-16 1B	N 29° 38' 33.9" W 098° 17' 33.2"	CLEAR 78° SE 7	11:21	0.235	14.0	112.3	496	225.00	1,256	Warden - 21375 Gunther Grove
05/06/16	05-06-16 1B	N 29° 38' 33.9" W 098° 17' 33.2"	CLEAR 78° SE 7	11:21	0.285	20.0	111.8	496	225.00	1,037	Warden Property Line
05/09/16	05-09-16 3C	N 29° 38' 45.4" W 098° 17' 36.5"	CLOUDY 76° SW 13	12:05	0.050	20.0	104.9	660	1001.00	2,782	City Property Line
05/09/16	05-09-16 3C	N 29° 38' 45.4" W 098° 17' 36.5"	CLOUDY 76° SW 13	12:05	NT	NT	NT	660	1001.00	8,115	Fields - 21919 Pesa Cove
05/09/16	05-09-16 3C	N 29° 38' 45.4" W 098° 17' 36.5"	CLOUDY 76° SW 13	12:05	0.085	7.2	100.0	660	1001.00	3,837	Michels - 9118 Tuscan Hills
05/09/16	05-09-16 3C	N 29° 38' 45.4" W 098° 17' 36.5"	CLOUDY 76° SW 13	12:05	0.185	27.0	106.5	660	1001.00	2,301	Warden - 21375 Gunther Grove
05/09/16	05-09-16 3C	N 29° 38' 45.4" W 098° 17' 36.5"	CLOUDY 76° SW 13	12:05	0.115	22.0	107.5	660	1001.00	2,089	Warden Property Line
05/12/16	05-12-16 Lower 6	N 29° 38' 50.1" W 098° 17' 09.4"	CLOUDY 78° NE 10	12:23	0.020	9.1	109.2	610	470.00	4,812	City Property Line
05/12/16	05-12-16 Lower 6	N 29° 38' 50.1" W 098° 17' 09.4"	CLOUDY 78° NE 10	12:23	NT	NT	NT	610	470.00	10,546	Fields - 21919 Pesa Cove
05/12/16	05-12-16 Lower 6	N 29° 38' 50.1" W 098° 17' 09.4"	CLOUDY 78° NE 10	12:23	0.035	14.0	102.8	610	470.00	6,170	Michels - 9118 Tuscan Hills
05/12/16	05-12-16 Lower 6	N 29° 38' 50.1" W 098° 17' 09.4"	CLOUDY 78° NE 10	12:23	0.135	18.0	113.5	610	470.00	3,848	Warden - 21375 Gunther Grove
05/12/16	05-12-16 Lower 6	N 29° 38' 50.1" W 098° 17' 09.4"	CLOUDY 78° NE 10	12:23	0.095	20.0	112.6	610	470.00	3,642	Warden Property Line
05/13/16	05-13-16 4A	N 29° 38' 58.2" W 098° 17' 36.8"	PT CLOUDY 85° E 7	13:38	0.040	34.0	108.8	1157	700.00	3,909	City Property Line
05/13/16	05-13-16 4A	N 29° 38' 58.2" W 098° 17' 36.8"	PT CLOUDY 85° E 7	13:38	0.020	21.0	95.9	1157	700.00	8,454	Fields - 21919 Pesa Cove

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GARDEN RIDGE QUARRY COMMISSION
GARDEN RIDGE, TEXAS
MONTH OF MAY 2016

DATE	SHOT # LOCATION	SHOT LOCATION GPS READING	WEATHER	TIME	PPV (in/sec)	FREQ (Hz)	AIR (dB)	SHOT DURATION (MS)	MAX LBS/ DELAY	DISTANCE FROM BLAST	SEISMOGRAPH LOCATION
05/13/16	05-13-16 4A	N 29° 38' 58.2" W 098° 17' 36.8"	PT CLOUDY 85° E 7	13:38	0.070	13.0	102.8	1157	700.00	3,806	Michels - 9118 Tuscan Hills
05/13/16	05-13-16 4A	N 29° 38' 58.2" W 098° 17' 36.8"	PT CLOUDY 85° E 7	13:38	0.140	11.0	110.9	1157	700.00	3,578	Warden - 21375 Gunther Grove
05/13/16	05-13-16 4A	N 29° 38' 58.2" W 098° 17' 36.8"	PT CLOUDY 85° E 7	13:38	0.080	19.0	111.8	1157	700.00	3,370	Warden Property Line
05/17/16	05-17-16 3B	N 29° 38' 40.4" W 098° 17' 35.9"	CLOUDY 75° E 7	13:07	0.070	8.7	110.9	1118	598.00	2,403	City Property Line
05/17/16	05-17-16 3B	N 29° 38' 40.4" W 098° 17' 35.9"	CLOUDY 75° E 7	13:07	NT	NT	NT	1118	598.00	8,075	Fields - 21919 Pesa Cove
05/17/16	05-17-16 3B	N 29° 38' 40.4" W 098° 17' 35.9"	CLOUDY 75° E 7	13:07	0.105	7.3	104.2	1118	598.00	4,009	Michels - 9118 Tuscan Hills
05/17/16	05-17-16 3B	N 29° 38' 40.4" W 098° 17' 35.9"	CLOUDY 75° E 7	13:07	0.365	10.0	112.6	1118	598.00	1,800	Warden - 21375 Gunther Grove
05/17/16	05-17-16 3B	N 29° 38' 40.4" W 098° 17' 35.9"	CLOUDY 75° E 7	13:07	0.295	23.0	113.5	1118	598.00	1,584	Warden Property Line
05/23/16	05-23-16 3C	N 29° 38' 54.4" W 098° 17' 37.9"	CLOUDY 82° SE 11	13:38	0.030	14.0	107.5	460	819.00	3,517	City Property Line
05/23/16	05-23-16 3C	N 29° 38' 54.4" W 098° 17' 37.9"	CLOUDY 82° SE 11	13:38	NT	NT	NT	460	819.00	8,234	Fields - 21919 Pesa Cove
05/23/16	05-23-16 3C	N 29° 38' 54.4" W 098° 17' 37.9"	CLOUDY 82° SE 11	13:38	0.050	27.0	103.5	460	819.00	3,665	Michels - 9118 Tuscan Hills
05/23/16	05-23-16 3C	N 29° 38' 54.4" W 098° 17' 37.9"	CLOUDY 82° SE 11	13:38	0.100	11.0	106.0	460	819.00	3,187	Warden - 21375 Gunther Grove
05/23/16	05-23-16 3C	N 29° 38' 54.4" W 098° 17' 37.9"	CLOUDY 82° SE 11	13:38	0.070	16.0	107.0	460	819.00	2,981	Warden Property Line
05/25/16	05-25-16 4B	N 29° 39' 02" W 098° 17' 35.2"	CLOUDY 81° S 14	11:08	0.035	11.0	104.9	632	767.00	4,319	City Property Line
05/25/16	05-25-16 4B	N 29° 39' 02" W 098° 17' 35.2"	CLOUDY 81° S 14	11:08	NT	NT	NT	632	767.00	8,727	Fields - 21919 Pesa Cove
05/25/16	05-25-16 4B	N 29° 39' 02" W 098° 17' 35.2"	CLOUDY 81° S 14	11:08	0.055	32.0	98.8	632	767.00	4,024	Michels - 9118 Tuscan Hills

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**GARDEN RIDGE QUARRY COMMISSION
GARDEN RIDGE, TEXAS
MONTH OF MAY 2016**

DATE	SHOT # LOCATION	SHOT LOCATION GPS READING	WEATHER	TIME	PPV (in/sec)	FREQ (Hz)	AIR (dB)	SHOT DURATION (MS)	MAX LBS/ DELAY	DISTANCE FROM BLAST	SEISMOGRAPH LOCATION
05/25/16	05-25-16 4B	N 29° 39' 02" W 098° 17' 35.2"	CLOUDY 81° S 14	11:08	0.070	14.0	106.0	632	767.00	3,975	Warden - 21375 Gunther Grove
05/25/16	05-25-16 4B	N 29° 39' 02" W 098° 17' 35.2"	CLOUDY 81° S 14	11:08	0.050	13.0	107.5	632	767.00	3,764	Warden Property Line
05/31/16	05-31-16 3C	N 29° 38' 44" W 098° 17' 36"	CLOUDY 85° SE 15	13:19	0.040	10.0	101.9	968	540.00	2,682	City Property Line
05/31/16	05-31-16 3C	N 29° 38' 44" W 098° 17' 36"	CLOUDY 85° SE 15	13:19	NT	NT	NT	968	540.00	8,128	Fields - 21919 Pesa Cove
05/31/16	05-31-16 3C	N 29° 38' 44" W 098° 17' 36"	CLOUDY 85° SE 15	13:19	0.050	11.0	102.8	968	540.00	3,909	Michels - 9118 Tuscan Hills
05/31/16	05-31-16 3C	N 29° 38' 44" W 098° 17' 36"	CLOUDY 85° SE 15	13:19	0.135	27.0	104.9	968	540.00	2,157	Warden - 21375 Gunther Grove
05/31/16	05-31-16 3C	N 29° 38' 44" W 098° 17' 36"	CLOUDY 85° SE 15	13:19	0.140	26.0	104.9	968	540.00	1,943	Warden Property Line

NT = No Trigger, <0.020 ips.

NT = No Trigger, <122dB

Impact Reports for 6-13-16

#	Month	Blast Date	Blast time	Date Received	Name	Address	Phone #	Rating	# stories	sq footage	request contact	Misc	Date sent to Quarry Commission
1	4	04/04/2016	12:15	04/04/2016	Edwin Ford	21360 Gunther Grove		5	1	8500	No		04/04/2016
2	4	04/22/2016	11:48a	04/22/2016	Betty Eagan	21519 Forest Waters Circle	210-651-3429	5	1 1/2	3900	No	in kitchen cleaning after lunch	04/26/2016
3	4	04/22/2016	11:50	04/22/2016	Becky Meek	21315 Gunther Grove	219-651-9549	5	1			getting dressed	04/26/2016
4	4	04/14/2016	11:30am	05/05/2016	Robert Kiessler	19960 FM 2252	210-421-3587	5	1	2800		Doing paperwork	06/08/2016
1	5	05/05/2016	12:40	05/05/2016	Robert Kessler	19960 FM 2252	210-421-3587	5	1	2800	Yes	Doing paperwork	06/08/2016
2	5	05/17/2016	1:07	05/17/2016	James Walker	21919 Paseo Corto Dr	210-945-0480	5	1	5160	Yes	Sitting in wife's office	05/17/2016

City Secretary

From: noreply@civicplus.com
Sent: Monday, April 04, 2016 12:22 PM
To: City Administrator; City Secretary
Subject: Online Form Submittal: Citizen Quarry Blast Impact Report

Citizen Quarry Blast Impact Report

First Name	Edwin
Last Name	Ford
Report Date	4/4/2016
Phone Number:	<i>Field not completed.</i>
E-Mail Address	satxeford@gmail.com
Address1	21360 Gunther Grove
Blast Date/Time:	4/4/16 12:15pm
Please describe the event.	Excessive house shaking
How did this blast compare to other blasts?	worst than
On a 1 to 5 scale, please rate the blast intensity. (1=minor, 5 = major)	5
What was your activity at the time of blast?	<i>Field not completed.</i>
In what general direction does your house face? (N,E,S or W)	w
What is the approximate square footage of your home?	8500
Is your home a 1 story, 1 1/2 , or 2 story or large?	1 1/2
Would you like a Quarry Commission member to contact you regarding	No

2016/1-4
sent to QC

your report?

We encourage you to attend the next meeting of the Quarry Commission. *Representatives of the monitoring company and the blasting contractor as well as the Quarry Manager normally attend every meeting and are available to answer questions. The Commission meets the second Monday of every other month at 7:00 PM in the City Council Chambers in City Hall.*

By filing this report, you consent to the public release of this information.

Email not displaying correctly? [View it in your browser.](#)

City Secretary

From: noreply@civicplus.com
Sent: Friday, April 22, 2016 12:02 PM
To: City Administrator; City Secretary
Subject: Online Form Submittal: Citizen Quarry Blast Impact Report

Citizen Quarry Blast Impact Report

First Name	Betty
Last Name	Eagan
Report Date	4/22/2016
Phone Number:	210-651-3429
E-Mail Address	bettyeagan@aol.com
Address1	21519 Forest Waters Circle
Blast Date/Time:	04/22 at 11:48 a.m.
Please describe the event.	While we've had loud blasts before, this one actually shook the house and it sounded as though it was just down the street. I am certain that this cannot be good for the foundation.
How did this blast compare to other blasts?	This was one of the loudest blasts to date, and it shook the house. I was almost afraid that we might have window damage.
On a 1 to 5 scale, please rate the blast intensity. (1=minor, 5 = major)	5
What was your activity at the time of blast?	In the kitchen cleaning up after lunch.
In what general direction does you house face? (N,E,S or W)	West (I think)
What is the approximate square footage of your home?	3900 sq ft.
Is your home a 1 story, 1 1/2 , or 2 story or large?	1 1/2 story

2016 / 2-4

Would you like a Quarry Commission member to contact you regarding your report? No

We encourage you to attend the next meeting of the Quarry Commission. *Representatives of the monitoring company and the blasting contractor as well as the Quarry Manager normally attend every meeting and are available to answer questions. The Commission meets the second Monday of every other month at 7:00 PM in the City Council Chambers in City Hall.*

By filing this report, you consent to the public release of this information.

Email not displaying correctly? [View it in your browser.](#)

City Secretary

From: noreply@civicplus.com
Sent: Friday, April 22, 2016 4:21 PM
To: City Administrator; City Secretary
Subject: Online Form Submittal: Citizen Quarry Blast Impact Report

Citizen Quarry Blast Impact Report

First Name	Becky
Last Name	Meek
Report Date	4/22/2016
Phone Number:	219-651-9549
E-Mail Address	d.r.becky.meek@gmail.com
Address 1	21315 Gunther Grove
Blast Date/Time:	4-22/11:50am
Please describe the event.	Extremely heavy blast. Scared me and children. Shook house and windows very bad.
How did this blast compare to other blasts?	A lot harder.
On a 1 to 5 scale, please rate the blast intensity. (1=minor, 5 = major)	5
What was your activity at the time of blast?	Getting dress
In what general direction does you house face? (N,E,S or W)	E
What is the approximate square footage of your home?	<i>Field not completed.</i>
Is your home a 1 story, 1 1/2 , or 2 story or large?	1
Would you like a Quarry Commission member to	<i>Field not completed.</i>

2016 / 2-4

contact you regarding
your report?

We encourage you to attend the next meeting of the Quarry Commission. *Representatives of the monitoring company and the blasting contractor as well as the Quarry Manager normally attend every meeting and are available to answer questions. The Commission meets the second Monday of every other month at 7:00 PM in the City Council Chambers in City Hall.*

By filing this report, you consent to the public release of this information.

Email not displaying correctly? [View it in your browser.](#)

CITY OF GARDEN RIDGE

CITIZEN QUARRY BLAST IMPACT REPORT

Name: ROBERT KESSLER Report Date: 4/14/2016

Address: 19960 FM 2252 E-Mail Address: _____

Phone: 210-421-3587 Blast Date/Time: THURS. 4/14 / 11:30 am

Please describe the event.

LARGE BLAST. SHAKING FLOORS -
FURNITURE - SWINGING LIGHT FIXTURES

How did this blast compare to other blasts? THERE WAS A RUMBLING
SOUND AFTER THE HOUSE SHOOK.

On a 1 to 5 scale, please rate the blast intensity. (1= minor, 5= major) 5

What was your activity at the time of the blast? DOING PAPER WORK.

In what general direction does your house face? (N, E, S or W) _____

Is your home a 1 story, 1 1/2 story, or 2 story or larger? _____

What is the approximate square footage of your home? 2800

Would you like a Quarry Commission member to contact you regarding your report?
(Yes or No) _____

We encourage you to attend the next meeting of the Quarry Commission. Representatives of the monitoring company and the blasting contractor as well as the Quarry Manager normally attend every meeting and are available to answer questions. The Commission meets the second Monday of each month at 7:00 PM in the Municipal Courtroom.

RECEIVED

Please complete the form and print it, then submit the completed report(s) to the City Hall or to MAY 05 2016
quarrycom@ci.garden-ridge.tx.us. Thank you for submitting the form.

PER JH
2016/4-4 *sent*

CITY OF GARDEN RIDGE

CITIZEN QUARRY BLAST IMPACT REPORT

Name: ROBERT KESSLER Report Date: 5/5/2016

Address: 19960 FM 2252 E-Mail Address: _____

Phone: 210-421-3586 Blast Date/Time: THURS 5/5 / 12:40

Please describe the event.

BLAST CONTINUED TO SHAKE OUR HOME FOR LONGER TIME THEN EVER BEFORE.

How did this blast compare to other blasts? IT FELT LIKE WE HAD BEEN BOMBED.

On a 1 to 5 scale, please rate the blast intensity. (1= minor, 5= major) 5

What was your activity at the time of the blast? PAPER WORK

In what general direction does your house face? (N, E, S or W) _____

Is your home a 1 story, 1 1/2 story, or 2 story or larger? 1

What is the approximate square footage of your home? 2800

Would you like a Quarry Commission member to contact you regarding your report? (Yes or No) _____

We encourage you to attend the next meeting of the Quarry Commission. Representatives of the monitoring company and the blasting contractor as well as the Quarry Manager normally attend every meeting and are available to answer questions. The Commission meets the second Monday of each month at 7:00 PM in the Municipal Courtroom.

RECEIVED

Please complete the form and print it, then submit the completed report(s) to the City Hall MAY 05 2016
quarrycom@ci.garden-ridge.tx.us. Thank you for submitting the form.

PER JH
2016/1-5 *swt/c*

City Secretary

From: noreply@civicplus.com
Sent: Tuesday, May 17, 2016 2:48 PM
To: City Administrator; City Secretary
Subject: Online Form Submittal: Citizen Quarry Blast Impact Report

Citizen Quarry Blast Impact Report

First Name	james
Last Name	walker
Report Date	5/17/2016
Phone Number:	210-945-0480
E-Mail Address	vwalker122@satx.rr.com
Address1	21919paseo corto dr. gardernridge tx 78266
Blast Date/Time:	1307hrs05/17/2016
Please describe the event.	At 1307hrs setting in my home, when my house started to shake. I call city of gardern ridge to report what had just happened at my home. I also call the quarry commission and spoke to a Mr. Jeff Tovar, and reported to him what happened at my home during a blasting test. As a home owner I am very wondering each time a blast occurs how much damage is being done to my home. This problem need to be fix.
How did this blast compare to other blasts?	Each time it seem to get worse at lease the time I am here feel it.
On a 1 to 5 scale, please rate the blast intensity. (1=minor, 5 = major)	5
What was your activity at the time of blast?	setting in my wife office
In what general direction does you house face? (N,E,S or W)	<i>Field not completed.</i>
What is the approximate square footage of your home?	5160sq ft

2016/2-5
Smt Q.C

Is your home a 1 story, 1 1/2 , or 2 story or large? 1

Would you like a Quarry Commission member to contact you regarding your report? Yes

We encourage you to attend the next meeting of the Quarry Commission. *Representatives of the monitoring company and the blasting contractor as well as the Quarry Manager normally attend every meeting and are available to answer questions. The Commission meets the second Monday of every other month at 7:00 PM in the City Council Chambers in City Hall.*

By filing this report, you consent to the public release of this information.

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