



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, January 9, 2017 at 6:00 p.m.**

The Garden Ridge City Quarry Commission will meet in regular session on Monday, January 9, 2017 at 6:00 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 January 6, 2017 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. November 14, 2016 Regular Quarry Commission Meeting

4. Citizens Comments:

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 Grapevine article topics and future author/s of articles.
- e. Discuss future training sessions.

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

7. 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:

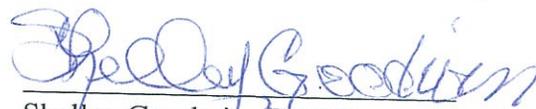
This agenda has been reviewed and approved by the City's legal counsel and the presence of any subject in any Executive Session portion of the agenda constitutes a written interpretation of Texas Government Code Chapter 551 by legal counsel for the governmental body and constitutes an opinion by the 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 9:30 am on January 6, 2017 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 NOVEMBER 14, 2016

Members Present:

Chairman Mike Shands
Commissioner Albert Haddad
Commissioner Richard Holloway
Commissioner Johnell Holly

Member Absent:

Vice Chairman Wayne Mudge
Commissioner Jerry Barucky
Commissioner vacant position

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 Mike Shands called the regular meeting of the Garden Ridge Quarry Commission to order at 6:05 p.m. on Monday, November 14, 2016 in the City Council Chambers of the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas 78266.

2. Approval of Minutes:

- a) September 12, 2016 Joint City Council and Quarry Commission Meeting
- b) September 12, 2016 Regular Quarry Commission Meeting

Motion: Upon motion made by Commissioner Holly and seconded by Commissioner Holloway to approve September 12, 2016 Joint City Council and Quarry Commission Meeting and September 12, 2016 Regular Quarry Commission Meeting Minutes. The Quarry Commission voted four (4) 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 September blast analysis. He stated that 12 blasts occurred during the month of September and none of the blast exceeded the limits of Ordinance 34. The highest ppv readings occurred on September 7, 2016 in Upper 3A, with .325 ppv recorded at the Warden residence. The strongest air blast occurring on September 29, 2016 with an overpressure of 117 recorded at the Warden residence and property line. He also discussed the timing and shots. He then presented and discussed the October blast analysis. He stated that 16 blasts occurred during the month of October and none of the blasts exceeded the limits of Ordinance 34. The highest ppv readings occurred on October 3, 2016 and October 31, 2016 in Upper 3A, with .288 ppv recorded at the Warden residents. The strongest air blast occurring on October 3, 2016 at the Warden property line with an overpressure of 116 recorded. He also discussed the timing and shots.

The Quarry Commission reviewed the shots and the blast analysis.

Geoffrey Rigsby of Vibra-Tech explained the USBM graphs used in the shot and blast analysis.

- 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 from Robert Kessler (2 reports), Connie Cain, Ronald Hernandez, and Missy Lantzy.

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

The Quarry Commission discussed the shots and which Commissioner will contact the citizens that made the reports.

- 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 encouraged residents who are interested in the placement of a monitor at the home to contact the City of Garden Ridge.

d. Discussion on timely submission of Partial Exemption Permit applications.

Nancy Cain, City Administrator, stated there has been some concern expressed regarding the filing of the Partial Exemption Permit application timeframe. She stated the last two years the City Council has had to call Special Meetings in order to meet the deadline of the expiration date. She stated if the Quarry Commission would get the application in time to approve at their August meeting, then the City Council could approve at their September meeting.

Jake Scherer, Hanson Quarry, stated he will get with applicants to work with the timeline.

e. Vacant Quarry Commission position with term of office expiring September 30, 2018.

i. Interview possible candidates

Mark DuBois stated he has been with Caterpillar, Inc. for 25 years and lived in Garden Ridge for the last 4 years. He stated he understands most of the Quarry operations and is interested in serving on the Quarry Commission.

ii. Consideration of recommendation to the City Council

Motion: Upon motion made by Commissioner Hadad and seconded by Commissioner Holloway to recommend to the City Council the approval of the appointment of Mark DuBois to fill the vacant Quarry Commission position with term of office expiring September 30, 2018. The Quarry Commission voted four (4) for, none (0) opposed. The motion carried unanimously.

f. Nominations and vote on:

i. Quarry Commission Chair

Motion: Upon motion made by Commissioner Holloway and seconded by Commissioner Hadad to appoint Mike Shands to serve as Quarry Commission Chair for one year. The Quarry Commission voted four (4) for, none (0) opposed. The motion carried unanimously.

ii. Quarry Commission Vice-Chair

Motion: Upon motion made by Commissioner Holloway and seconded by Commissioner Hadad to appoint Wayne Mudge to serve as Quarry Commission Vice- Chair for one year. The Quarry Commission voted four (4) for, none (0) opposed. The motion carried unanimously.

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

Motion: Upon motion made by Commissioner Holloway and seconded by Commissioner Holly to approve Commissioner Barucky to continue writing the Grapevine articles for a year . The Quarry Commission voted four (4) for, none (0) opposed. The motion carried unanimously.

h. Discuss future training sessions.

The Quarry Commission discussed future training sessions and did not recommend one for the January 9, 2017 Quarry Meeting.

Geoffrey Rigsby, VibraTech stated he would get with Commissioner DuBois and see what training he will need, then he will bring some suggestions for future training sessions to the January 9, 2017 Quarry Meeting.

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

No one wished to speak.

6. Adjournment:

There being no further business, the Monday, August 8, 2016 Garden Ridge Quarry Commission regular meeting was adjourned at 7:15 p.m. by Chairman Shands.

Mike Shands
Quarry Commission Chair

ATTEST

Shelley Goodwin
City Secretary

**SIGN IN TO SPEAK AT THE NOVEMBER 14, 2016
QUARRY COMMISSION REGULARY 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:

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NAME

ADDRESS

SUBJECT

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.



December 14, 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 November 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, Mark DuBois at (309) 397-7072, or attend the Quarry Commission meeting held the 2nd Monday of each month at 7:00 p.m.

Respectfully submitted,

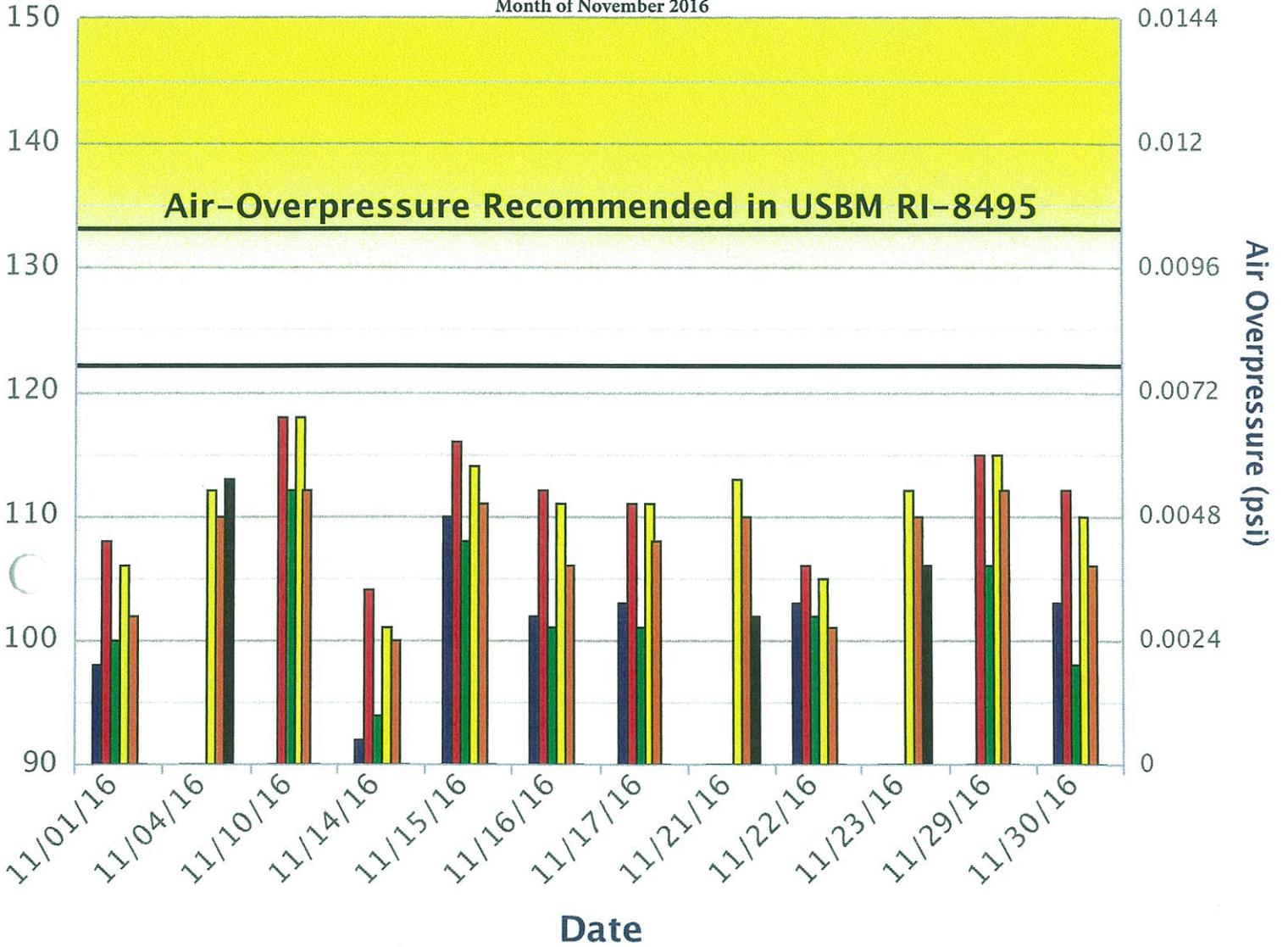
VIBRA-TECH, INC.

A handwritten signature in blue ink, consisting of a series of connected loops and curves, positioned above the printed name.

Geoffrey Rigsby
Southwest Regional Manager

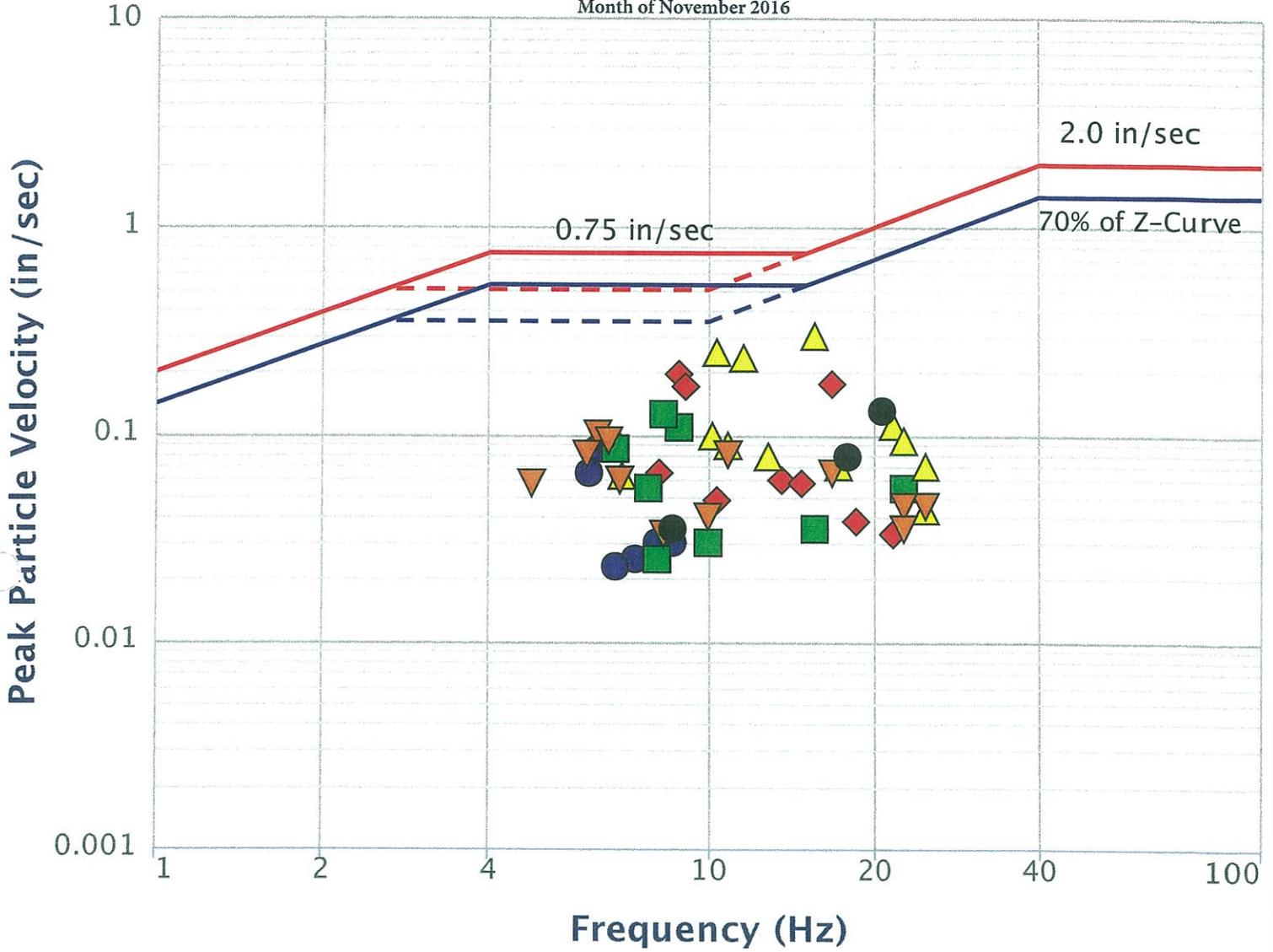
cc: Jacob Scherer, Hanson – Servtex

Garden Ridge Quarry Commission
 Garden Ridge, Texas
 AO Graph
 Month of November 2016



- City Property Line
- Warden Property Line
- Michels Residence
- Warden Residence
- Cohen Residence
- Holly Residence

Garden Ridge Quarry Commission
Garden Ridge, Texas
USBM Graph
Month of November 2016



- City Property Line
- ◆ Warden Property Line
- Michels Residence
- ▲ Warden Residence
- ▼ Cohen Residence
- Holly Residence

GARDEN RIDGE QUARRY COMMISSION

GARDEN RIDGE, TEXAS

MONTH OF NOVEMBER

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
11/01/16	11-01-16 3C	N 29° 38' 42.9" W 098° 17' 37.8"	CLOUDY 75° S 9	11:58	0.085	6.3	98.0	848	540.00	3,046	City Property Line
11/01/16	11-01-16 3C	N 29° 38' 42.9" W 098° 17' 37.8"	CLOUDY 75° S 9	11:58	0.100	6.3	102.0	848	540.00	3,525	Cohen - 10041 Trophy Oaks
11/01/16	11-01-16 3C	N 29° 38' 42.9" W 098° 17' 37.8"	CLOUDY 75° S 9	11:58	0.085	6.8	100.0	848	540.00	3,676	Michels - 9118 Tuscan Hills
11/01/16	11-01-16 3C	N 29° 38' 42.9" W 098° 17' 37.8"	CLOUDY 75° S 9	11:58	0.248	10.4	106.0	848	540.00	2,662	Warden - 21375 Gunther Grove
11/01/16	11-01-16 3C	N 29° 38' 42.9" W 098° 17' 37.8"	CLOUDY 75° S 9	11:58	0.195	8.9	108.0	848	540.00	2,455	Warden Property Line
11/04/16	11-04-16 S Wall A	N 29° 38' 14.6" W 098° 16' 37.9"	CLOUDY 72° N 7	12:11	NT	NT	NT	680	975.00	6,749	City Property Line
11/04/16	11-04-16 S Wall A	N 29° 38' 14.6" W 098° 16' 37.9"	CLOUDY 72° N 7	12:11	0.080	6.0	110.0	680	975.00	5,185	Cohen - 10041 Trophy Oaks
11/04/16	11-04-16 S Wall A	N 29° 38' 14.6" W 098° 16' 37.9"	CLOUDY 72° N 7	12:11	0.078	17.9	113.0	680	975.00	4,237	Holly - 9916 Trophy Oaks
11/04/16	11-04-16 S Wall A	N 29° 38' 14.6" W 098° 16' 37.9"	CLOUDY 72° N 7	12:11	NT	NT	NT	680	975.00	9,711	Michels - 9118 Tuscan Hills
11/04/16	11-04-16 S Wall A	N 29° 38' 14.6" W 098° 16' 37.9"	CLOUDY 72° N 7	12:11	0.070	17.2	112.0	680	975.00	5,535	Warden - 21375 Gunther Grove
11/10/16	11-10-16 4B	N 29° 39' 03.9" W 098° 17' 34.6"	CLOUDY 64° NE 7	11:22	NT	NT	NT	1040	600.00	4,517	City Property Line
11/10/16	11-10-16 4B	N 29° 39' 03.9" W 098° 17' 34.6"	CLOUDY 64° NE 7	11:22	0.045	25.0	112.0	1040	600.00	5,017	Cohen - 10041 Trophy Oaks
11/10/16	11-10-16 4B	N 29° 39' 03.9" W 098° 17' 34.6"	CLOUDY 64° NE 7	11:22	0.025	8.1	112.0	1040	600.00	4,127	Michels - 9118 Tuscan Hills
11/10/16	11-10-16 4B	N 29° 39' 03.9" W 098° 17' 34.6"	CLOUDY 64° NE 7	11:22	0.078	12.8	118.0	1040	600.00	4,172	Warden - 21375 Gunther Grove
11/10/16	11-10-16 4B	N 29° 39' 03.9" W 098° 17' 34.6"	CLOUDY 64° NE 7	11:22	0.033	21.7	118.0	1040	600.00	3,961	Warden Property Line
11/14/16	11-14-16 3E	N 29° 38' 51.3" W 098° 17' 39.1"	CLEAR 72° SW 6	11:25	0.025	7.4	92.0	1200	870.00	3,187	City Property Line

NT = No Trigger, <0.020 ips.

NT = No Trigger, <122dB

* Instrument Unavailable

GARDEN RIDGE QUARRY COMMISSION

GARDEN RIDGE, TEXAS

MONTH OF NOVEMBER

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
11/14/16	11-14-16 3E	N 29° 38' 51.3" W 098° 17' 39.1"	CLEAR 72° SW 6	11:25	0.045	22.7	100.0	1200	870.00	3,724	Cohen - 10041 Trophy Oaks
11/14/16	11-14-16 3E	N 29° 38' 51.3" W 098° 17' 39.1"	CLEAR 72° SW 6	11:25	0.055	22.7	94.0	1200	870.00	3,552	Michels - 9118 Tuscan Hills
11/14/16	11-14-16 3E	N 29° 38' 51.3" W 098° 17' 39.1"	CLEAR 72° SW 6	11:25	0.098	10.2	101.0	1200	870.00	2,869	Warden - 21375 Gunther Grove
11/14/16	11-14-16 3E	N 29° 38' 51.3" W 098° 17' 39.1"	CLEAR 72° SW 6	11:25	0.065	8.2	104.0	1200	870.00	2,665	Warden Property Line
11/15/16	11-15-16 4A	N 29° 39' 00.9" W 098° 17' 38.9"	CLEAR 83° W 5	12:28	0.030	8.6	110.0	876	640.00	4,099	City Property Line
11/15/16	11-15-16 4A	N 29° 39' 00.9" W 098° 17' 38.9"	CLEAR 83° W 5	12:28	0.060	6.9	111.0	876	640.00	4,713	Cohen - 10041 Trophy Oaks
11/15/16	11-15-16 4A	N 29° 39' 00.9" W 098° 17' 38.9"	CLEAR 83° W 5	12:28	0.108	8.9	108.0	876	640.00	3,681	Michels - 9118 Tuscan Hills
11/15/16	11-15-16 4A	N 29° 39' 00.9" W 098° 17' 38.9"	CLEAR 83° W 5	12:28	0.088	10.9	114.0	876	640.00	3,842	Warden - 21375 Gunther Grove
11/15/16	11-15-16 4A	N 29° 39' 00.9" W 098° 17' 38.9"	CLEAR 83° W 5	12:28	0.060	13.5	116.0	876	640.00	3,638	Warden Property Line
11/16/16	11-16-16 3D	N 29° 38' 46" W 098° 17' 38.6"	CLEAR 81° SW 10	12:11	0.065	6.1	102.0	610	500.00	2,728	City Property Line
11/16/16	11-16-16 3D	N 29° 38' 46" W 098° 17' 38.6"	CLEAR 81° SW 10	12:11	0.080	10.9	106.0	610	500.00	3,203	Cohen - 10041 Trophy Oaks
11/16/16	11-16-16 3D	N 29° 38' 46" W 098° 17' 38.6"	CLEAR 81° SW 10	12:11	0.125	8.3	101.0	610	500.00	3,646	Michels - 9118 Tuscan Hills
11/16/16	11-16-16 3D	N 29° 38' 46" W 098° 17' 38.6"	CLEAR 81° SW 10	12:11	0.298	15.6	111.0	610	500.00	2,334	Warden - 21375 Gunther Grove
11/16/16	11-16-16 3D	N 29° 38' 46" W 098° 17' 38.6"	CLEAR 81° SW 10	12:11	0.175	16.7	112.0	610	500.00	2,128	Warden Property Line
11/17/16	11-17-16 Lower 6	N 29° 38' 52.3" W 098° 17' 08.8"	CLOUDY 70° S 14	10:36	0.023	6.8	103.0	870	480.00	4,987	City Property Line
11/17/16	11-17-16 Lower 6	N 29° 38' 52.3" W 098° 17' 08.8"	CLOUDY 70° S 14	10:36	0.065	16.7	108.0	870	480.00	4,560	Cohen - 10041 Trophy Oaks

NT = No Trigger, <0.020 ips.

NT = No Trigger, <122dB

* Instrument Unavailable

GARDEN RIDGE QUARRY COMMISSION

GARDEN RIDGE, TEXAS

MONTH OF NOVEMBER

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
11/17/16	11-17-16 Lower 6	N 29° 38' 52.3" W 098° 17' 08.8"	CLOUDY 70° S 14	10:36	0.055	7.8	101.0	870	480.00	6,220	Michels - 9118 Tuscan Hills
11/17/16	11-17-16 Lower 6	N 29° 38' 52.3" W 098° 17' 08.8"	CLOUDY 70° S 14	10:36	0.110	21.7	111.0	870	480.00	4,046	Warden - 21375 Gunther Grove
11/17/16	11-17-16 Lower 6	N 29° 38' 52.3" W 098° 17' 08.8"	CLOUDY 70° S 14	10:36	0.058	14.7	111.0	870	480.00	3,838	Warden Property Line
11/21/16	11-21-16 S Wall C	N 29° 38' 12.3" W 098° 16' 47.6"	CLEAR 66° S 13	11:21	NT	NT	NT	680	1053.00	5,939	City Property Line
11/21/16	11-21-16 S Wall C	N 29° 38' 12.3" W 098° 16' 47.6"	CLEAR 66° S 13	11:21	0.033	8.3	110.0	680	1053.00	4,336	Cohen - 10041 Trophy Oaks
11/21/16	11-21-16 S Wall C	N 29° 38' 12.3" W 098° 16' 47.6"	CLEAR 66° S 13	11:21	0.035	8.6	102.0	680	1053.00	3,393	Holly - 9916 Trophy Oaks
11/21/16	11-21-16 S Wall C	N 29° 38' 12.3" W 098° 16' 47.6"	CLEAR 66° S 13	11:21	*	*	*	680	1053.00	9,032	Michels - 9118 Tuscan Hills
11/21/16	11-21-16 S Wall C	N 29° 38' 12.3" W 098° 16' 47.6"	CLEAR 66° S 13	11:21	0.043	25.0	113.0	680	1053.00	4,741	Warden - 21375 Gunther Grove
11/22/16	11-22-16 3F	N 29° 38' 56.4" W 098° 17' 39.7"	CLOUDY 70° S 12	10:56	0.030	8.1	103.0	775	845.00	3,646	City Property Line
11/22/16	11-22-16 3F	N 29° 38' 56.4" W 098° 17' 39.7"	CLOUDY 70° S 12	10:56	0.035	22.7	101.0	775	845.00	4,261	Cohen - 10041 Trophy Oaks
11/22/16	11-22-16 3F	N 29° 38' 56.4" W 098° 17' 39.7"	CLOUDY 70° S 12	10:56	0.035	15.6	102.0	775	845.00	3,576	Michels - 9118 Tuscan Hills
11/22/16	11-22-16 3F	N 29° 38' 56.4" W 098° 17' 39.7"	CLOUDY 70° S 12	10:56	0.063	7.0	105.0	775	845.00	3,385	Warden - 21375 Gunther Grove
11/22/16	11-22-16 3F	N 29° 38' 56.4" W 098° 17' 39.7"	CLOUDY 70° S 12	10:56	0.048	10.4	106.0	775	845.00	3,183	Warden Property Line
11/23/16	11-23-16 S Wall A	N 29° 38' 14.3" W 098° 16' 38"	CLEAR 64° N 14	11:13	NT	NT	NT	580	923.00	6,744	City Property Line
11/23/16	11-23-16 S Wall A	N 29° 38' 14.3" W 098° 16' 38"	CLEAR 64° N 14	11:13	0.058	4.8	110.0	580	923.00	5,176	Cohen - 10041 Trophy Oaks
11/23/16	11-23-16 S Wall A	N 29° 38' 14.3" W 098° 16' 38"	CLEAR 64° N 14	11:13	0.130	20.8	106.0	580	923.00	4,228	Holly - 9916 Trophy Oaks

NT = No Trigger, <0.020 ips.

NT = No Trigger, <122dB

* Instrument Unavailable

GARDEN RIDGE QUARRY COMMISSION

GARDEN RIDGE, TEXAS

MONTH OF NOVEMBER

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
11/23/16	11-23-16 S Wall A	N 29° 38' 14.3" W 098° 16' 38"	CLEAR 64° N 14	11:13	NT	NT	NT	580	923.00	9,715	Michels - 9118 Tuscan Hills
11/23/16	11-23-16 S Wall A	N 29° 38' 14.3" W 098° 16' 38"	CLEAR 64° N 14	11:13	0.093	22.7	112.0	580	923.00	5,532	Warden - 21375 Gunther Grove
11/29/16	11-29-16 4B	N 29° 39' 03.1" W 098° 17' 32.5"	CLEAR 69° N 8	11:11	NT	NT	NT	1104	580.00	4,516	City Property Line
11/29/16	11-29-16 4B	N 29° 39' 03.1" W 098° 17' 32.5"	CLEAR 69° N 8	11:11	0.040	10.0	112.0	1104	580.00	4,946	Cohen - 10041 Trophy Oaks
11/29/16	11-29-16 4B	N 29° 39' 03.1" W 098° 17' 32.5"	CLEAR 69° N 8	11:11	0.030	10.0	106.0	1104	580.00	4,283	Michels - 9118 Tuscan Hills
11/29/16	11-29-16 4B	N 29° 39' 03.1" W 098° 17' 32.5"	CLEAR 69° N 8	11:11	0.070	25.0	115.0	1104	580.00	4,117	Warden - 21375 Gunther Grove
11/29/16	11-29-16 4B	N 29° 39' 03.1" W 098° 17' 32.5"	CLEAR 69° N 8	11:11	0.038	18.5	115.0	1104	580.00	3,903	Warden Property Line
11/30/16	11-30-16 3C	N 29° 38' 42.6" W 098° 17' 37.8"	CLEAR 62° N 10	12:07	0.093	6.6	103.0	878	533.00	2,745	City Property Line
11/30/16	11-30-16 3C	N 29° 38' 42.6" W 098° 17' 37.8"	CLEAR 62° N 10	12:07	0.093	6.6	106.0	878	533.00	2,856	Cohen - 10041 Trophy Oaks
11/30/16	11-30-16 3C	N 29° 38' 42.6" W 098° 17' 37.8"	CLEAR 62° N 10	12:07	0.085	6.8	98.0	878	533.00	3,787	Michels - 9118 Tuscan Hills
11/30/16	11-30-16 3C	N 29° 38' 42.6" W 098° 17' 37.8"	CLEAR 62° N 10	12:07	0.233	11.6	110.0	878	533.00	1,996	Warden - 21375 Gunther Grove
11/30/16	11-30-16 3C	N 29° 38' 42.6" W 098° 17' 37.8"	CLEAR 62° N 10	12:07	0.170	9.1	112.0	878	533.00	1,787	Warden Property Line

NT = No Trigger, <0.020 ips.

NT = No Trigger, <122dB

* Instrument Unavailable



11-10-16 4B
11-15-16 4A
11-22-16 3F
11-14-16 3E
11-01-16 3C

11-29-16 4B
11-17-16 Lower 6

11-30-16 3C

11-04-16 S Wall A
11-23-16 S Wall A
11-21-16 S Wall C

Michels

Cohen

Warden
Warden Property Line
City Property Line

Holly

3009

1337
2252

Google earth

© 2016 Google

5000 ft





January 5, 2017

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 December 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, wavy, horizontal strokes.

Geoffrey Rigsby
Southwest Regional Manager

cc: Jacob Scherer, Hanson – Servtex

**GARDEN RIDGE QUARRY COMMISSION
GARDEN RIDGE, TEXAS
MONTH OF DECEMBER
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
12/02/16	12-02-16 3D	N 29° 38' 47.5" W 098° 17' 39.1"	CLOUDY 59° NE 7	11:33	0.053	5.4	110.0	544	1100.00	2,840	City Property Line
12/02/16	12-02-16 3D	N 29° 38' 47.5" W 098° 17' 39.1"	CLOUDY 59° NE 7	11:33	0.075	5.8	107.0	544	1100.00	3,357	Cohen - 10041 Trophy Oaks
12/02/16	12-02-16 3D	N 29° 38' 47.5" W 098° 17' 39.1"	CLOUDY 59° NE 7	11:33	0.065	8.1	106.0	544	1100.00	3,580	Michels - 9118 Tuscan Hills
12/02/16	12-02-16 3D	N 29° 38' 47.5" W 098° 17' 39.1"	CLOUDY 59° NE 7	11:33	0.188	8.9	111.0	544	1100.00	2,484	Warden - 21375 Gunther Grove
12/02/16	12-02-16 3D	N 29° 38' 47.5" W 098° 17' 39.1"	CLOUDY 59° NE 7	11:33	0.135	5.7	112.0	544	1100.00	2,280	Warden Property Line
12/06/16	12-06-16 5A	N 29° 39' 05.4" W 098° 17' 17.2"	CLEAR 59° NW 15	11:05	NT	NT	NT	816	663.00	5,410	City Property Line
12/06/16	12-06-16 5A	N 29° 39' 05.4" W 098° 17' 17.2"	CLEAR 59° NW 15	11:05	0.058	8.6	104.0	816	663.00	5,445	Cohen - 10041 Trophy Oaks
12/06/16	12-06-16 5A	N 29° 39' 05.4" W 098° 17' 17.2"	CLEAR 59° NW 15	11:05	0.035	7.6	103.0	816	663.00	5,645	Michels - 9118 Tuscan Hills
12/06/16	12-06-16 5A	N 29° 39' 05.4" W 098° 17' 17.2"	CLEAR 59° NW 15	11:05	0.080	21.7	111.0	816	663.00	4,743	Warden - 21375 Gunther Grove
12/06/16	12-06-16 5A	N 29° 39' 05.4" W 098° 17' 17.2"	CLEAR 59° NW 15	11:05	0.038	15.6	112.0	816	663.00	4,522	Warden Property Line
12/08/16	12-08-16 3E	N 29° 38' 52.1" W 098° 17' 39.7	CLOUDY 43° N 18	11:36	0.038	6.4	109.0	1020	850.00	3,240	City Property Line
12/08/16	12-08-16 3E	N 29° 38' 52.1" W 098° 17' 39.7	CLOUDY 43° N 18	11:36	0.065	17.9	110.0	1020	850.00	3,826	Cohen - 10041 Trophy Oaks
12/08/16	12-08-16 3E	N 29° 38' 52.1" W 098° 17' 39.7	CLOUDY 43° N 18	11:36	0.045	6.8	103.0	1020	850.00	3,498	Michels - 9118 Tuscan Hills
12/08/16	12-08-16 3E	N 29° 38' 52.1" W 098° 17' 39.7	CLOUDY 43° N 18	11:36	0.108	8.1	113.0	1020	850.00	2,949	Warden - 21375 Gunther Grove
12/08/16	12-08-16 3E	N 29° 38' 52.1" W 098° 17' 39.7	CLOUDY 43° N 18	11:36	0.070	8.8	114.0	1020	850.00	2,747	Warden Property Line
12/09/16	12-09-16 3F	N 29° 38' 56.6" W 098° 17' 40"	PT CLOUDY 41° NE 8	11:35	NT	NT	NT	975	840.00	3,503	City Property Line

NT = No Trigger, <0.020 ips.

NT = No Trigger, <122dB

* Instrument Unavailable

**GARDEN RIDGE QUARRY COMMISSION
GARDEN RIDGE, TEXAS
MONTH OF DECEMBER
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
12/09/16	12-09-16 3F	N 29° 38' 56.6" W 098° 17' 40"	PT CLOUDY 41° NE 8	11:35	0.045	35.7	105.0	975	840.00	4,283	Cohen - 10041 Trophy Oaks
12/09/16	12-09-16 3F	N 29° 38' 56.6" W 098° 17' 40"	PT CLOUDY 41° NE 8	11:35	0.038	11.4	103.0	975	840.00	3,503	Michels - 9118 Tuscan Hills
12/09/16	12-09-16 3F	N 29° 38' 56.6" W 098° 17' 40"	PT CLOUDY 41° NE 8	11:35	0.058	11.1	109.0	975	840.00	3,405	Warden - 21375 Gunther Grove
12/09/16	12-09-16 3F	N 29° 38' 56.6" W 098° 17' 40"	PT CLOUDY 41° NE 8	11:35	0.050	13.9	109.0	975	840.00	3,203	Warden Property Line
12/13/16	12-13-16 4B	N 29° 39' 05.7" W 098° 17' 35.9"	CLEAR 70° NW 5	12:36	NT	NT	NT	750	650.00	4,646	City Property Line
12/13/16	12-13-16 4B	N 29° 39' 05.7" W 098° 17' 35.9"	CLEAR 70° NW 5	12:36	0.048	31.3	110.0	750	650.00	5,196	Cohen - 10041 Trophy Oaks
12/13/16	12-13-16 4B	N 29° 39' 05.7" W 098° 17' 35.9"	CLEAR 70° NW 5	12:36	0.033	14.7	103.0	750	650.00	4,076	Michels - 9118 Tuscan Hills
12/13/16	12-13-16 4B	N 29° 39' 05.7" W 098° 17' 35.9"	CLEAR 70° NW 5	12:36	0.058	16.7	113.0	750	650.00	4,342	Warden - 21375 Gunther Grove
12/13/16	12-13-16 4B	N 29° 39' 05.7" W 098° 17' 35.9"	CLEAR 70° NW 5	12:36	0.043	13.2	113.0	750	650.00	4,133	Warden Property Line
12/14/16	12-14-16 S Wall A	N 29° 38' 13.9" W 098° 16' 38.2"	PT CLOUDY 57° NE 6	11:00	0.050	6.5	111.0	500	930.00	4,843	Bode Circle
12/14/16	12-14-16 S Wall A	N 29° 38' 13.9" W 098° 16' 38.2"	PT CLOUDY 57° NE 6	11:00	NT	NT	NT	500	930.00	6,732	City Property Line
12/14/16	12-14-16 S Wall A	N 29° 38' 13.9" W 098° 16' 38.2"	PT CLOUDY 57° NE 6	11:00	0.058	4.6	111.0	500	930.00	5,199	Cohen - 10041 Trophy Oaks
12/14/16	12-14-16 S Wall A	N 29° 38' 13.9" W 098° 16' 38.2"	PT CLOUDY 57° NE 6	11:00	0.063	6.9	110.0	500	930.00	1,898	Heitkamp Shop
12/14/16	12-14-16 S Wall A	N 29° 38' 13.9" W 098° 16' 38.2"	PT CLOUDY 57° NE 6	11:00	0.083	22.7	108.0	500	930.00	4,212	Holly - 9916 Trophy Oaks
12/14/16	12-14-16 S Wall A	N 29° 38' 13.9" W 098° 16' 38.2"	PT CLOUDY 57° NE 6	11:00	0.033	5.3	108.0	500	930.00	4,523	Lantzy - 20515 Wahl Lane
12/14/16	12-14-16 S Wall A	N 29° 38' 13.9" W 098° 16' 38.2"	PT CLOUDY 57° NE 6	11:00	NT	NT	NT	500	930.00	9,715	Michels - 9118 Tuscan Hills

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* Instrument Unavailable

**GARDEN RIDGE QUARRY COMMISSION
GARDEN RIDGE, TEXAS
MONTH OF DECEMBER
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
12/14/16	12-14-16 S Wall A	N 29° 38' 13.9" W 098° 16' 38.2"	PT CLOUDY 57° NE 6	11:00	0.098	7.1	110.0	500	930.00	3,627	Schneider Rd.
12/14/16	12-14-16 S Wall A	N 29° 38' 13.9" W 098° 16' 38.2"	PT CLOUDY 57° NE 6	11:00	0.040	7.6	111.0	500	930.00	5,623	Stams Circle
12/14/16	12-14-16 S Wall A	N 29° 38' 13.9" W 098° 16' 38.2"	PT CLOUDY 57° NE 6	11:00	0.053	19.2	113.0	500	930.00	5,521	Warden - 21375 Gunther Grove
12/15/16	12-15-16 4A	N 29° 39' 01.6" W 098° 17' 38.9"	CLOUDY 48° NE 8	12:07	0.028	6.4	112.0	1005	800.00	2,511	City Property Line
12/15/16	12-15-16 4A	N 29° 39' 01.6" W 098° 17' 38.9"	CLOUDY 48° NE 8	12:07	0.063	7.8	110.0	1005	800.00	1,314	Cohen - 10041 Trophy Oaks
12/15/16	12-15-16 4A	N 29° 39' 01.6" W 098° 17' 38.9"	CLOUDY 48° NE 8	12:07	0.110	7.6	105.0	1005	800.00	6,231	Michels - 9118 Tuscan Hills
12/15/16	12-15-16 4A	N 29° 39' 01.6" W 098° 17' 38.9"	CLOUDY 48° NE 8	12:07	0.093	10.6	113.0	1005	800.00	2,171	Warden - 21375 Gunther Grove
12/15/16	12-15-16 4A	N 29° 39' 01.6" W 098° 17' 38.9"	CLOUDY 48° NE 8	12:07	0.055	14.3	113.0	1005	800.00	2,371	Warden Property Line
12/19/16	12-19-16 S Wall A	N 29° 38' 12.9" W 098° 16' 44.1"	PT CLOUDY 41° N 10	12:29	0.040	10.0	104.0	735	1200.00	4,317	Bode Circle
12/19/16	12-19-16 S Wall A	N 29° 38' 12.9" W 098° 16' 44.1"	PT CLOUDY 41° N 10	12:29	NT	NT	NT	735	1200.00	6,233	City Property Line
12/19/16	12-19-16 S Wall A	N 29° 38' 12.9" W 098° 16' 44.1"	PT CLOUDY 41° N 10	12:29	0.038	9.3	105.0	735	1200.00	4,642	Cohen - 10041 Trophy Oaks
12/19/16	12-19-16 S Wall A	N 29° 38' 12.9" W 098° 16' 44.1"	PT CLOUDY 41° N 10	12:29	0.033	8.8	118.0	735	1200.00	2,046	Heitkamp Shop
12/19/16	12-19-16 S Wall A	N 29° 38' 12.9" W 098° 16' 44.1"	PT CLOUDY 41° N 10	12:29	0.050	8.5	108.0	735	1200.00	3,697	Holly - 9916 Trophy Oaks
12/19/16	12-19-16 S Wall A	N 29° 38' 12.9" W 098° 16' 44.1"	PT CLOUDY 41° N 10	12:29	0.040	8.9	105.0	735	1200.00	3,998	Lantzy - 20515 Wahl Lane
12/19/16	12-19-16 S Wall A	N 29° 38' 12.9" W 098° 16' 44.1"	PT CLOUDY 41° N 10	12:29	NT	NT	NT	735	1200.00	9,283	Michels - 9118 Tuscan Hills
12/19/16	12-19-16 S Wall A	N 29° 38' 12.9" W 098° 16' 44.1"	PT CLOUDY 41° N 10	12:29	0.215	10.4	119.0	735	1200.00	3,117	Schneider Rd.

NT = No Trigger, <0.020 ips.

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* Instrument Unavailable

**GARDEN RIDGE QUARRY COMMISSION
GARDEN RIDGE, TEXAS
MONTH OF DECEMBER
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
12/19/16	12-19-16 S Wall A	N 29° 38' 12.9" W 098° 16' 44.1"	PT CLOUDY 41° N 10	12:29	0.023	8.5	103.0	735	1200.00	5,109	Stams Circle
12/19/16	12-19-16 S Wall A	N 29° 38' 12.9" W 098° 16' 44.1"	PT CLOUDY 41° N 10	12:29	0.050	9.1	106.0	735	1200.00	5,029	Warden - 21375 Gunther Grove
12/20/16	12-20-16 Upper 3A North	N 29° 38' 38.8" W 098° 17' 36.8"	CLOUDY 53° S 6	13:55	0.058	6.6	104.0	696	260.00	2,230	City Property Line
12/20/16	12-20-16 Upper 3A North	N 29° 38' 38.8" W 098° 17' 36.8"	CLOUDY 53° S 6	13:55	0.105	6.9	108.0	696	260.00	108	Cohen - 10041 Trophy Oaks
12/20/16	12-20-16 Upper 3A North	N 29° 38' 38.8" W 098° 17' 36.8"	CLOUDY 53° S 6	13:55	0.068	5.8	100.0	696	260.00	3,985	Michels - 9118 Tuscan Hills
12/20/16	12-20-16 Upper 3A North	N 29° 38' 38.8" W 098° 17' 36.8"	CLOUDY 53° S 6	13:55	0.258	7.4	113.0	696	260.00	1,626	Warden - 21375 Gunther Grove
12/20/16	12-20-16 Upper 3A North	N 29° 38' 38.8" W 098° 17' 36.8"	CLOUDY 53° S 6	13:55	0.168	15.6	114.0	696	260.00	1,412	Warden Property Line
12/21/16	12-21-16 3C	N 29° 38' 43" W 098° 17' 38.1"	CLEAR 59° SW 11	12:26	0.083	6.6	100.0	938	533.00	2,493	City Property Line
12/21/16	12-21-16 3C	N 29° 38' 43" W 098° 17' 38.1"	CLEAR 59° SW 11	12:26	0.110	22.7	98.0	938	533.00	2,898	Cohen - 10041 Trophy Oaks
12/21/16	12-21-16 3C	N 29° 38' 43" W 098° 17' 38.1"	CLEAR 59° SW 11	12:26	0.083	6.6	94.0	938	533.00	2,493	Michels - 9118 Tuscan Hills
12/21/16	12-21-16 3C	N 29° 38' 43" W 098° 17' 38.1"	CLEAR 59° SW 11	12:26	0.230	12.2	102.0	938	533.00	2,034	Warden - 21375 Gunther Grove
12/21/16	12-21-16 3C	N 29° 38' 43" W 098° 17' 38.1"	CLEAR 59° SW 11	12:26	0.163	6.9	103.0	938	533.00	1,826	Warden Property Line
12/28/16	12-28-16 Lower 6	N 29° 39' 03.2" W 098° 17' 15.6"	PT CLOUDY 75° SW 11	11:14	0.025	7.6	105.0	810	490.00	5,322	City Property Line
12/28/16	12-28-16 Lower 6	N 29° 39' 03.2" W 098° 17' 15.6"	PT CLOUDY 75° SW 11	11:14	0.068	7.8	107.0	810	490.00	5,282	Cohen - 10041 Trophy Oaks
12/28/16	12-28-16 Lower 6	N 29° 39' 03.2" W 098° 17' 15.6"	PT CLOUDY 75° SW 11	11:14	0.050	13.2	100.0	810	490.00	5,734	Michels - 9118 Tuscan Hills
12/28/16	12-28-16 Lower 6	N 29° 39' 03.2" W 098° 17' 15.6"	PT CLOUDY 75° SW 11	11:14	0.118	18.5	111.0	810	490.00	4,606	Warden - 21375 Gunther Grove

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**GARDEN RIDGE QUARRY COMMISSION
GARDEN RIDGE, TEXAS
MONTH OF DECEMBER
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
12/28/16	12-28-16 Lower 6	N 29° 39' 03.2" W 098° 17' 15.6"	PT CLOUDY 75° SW 11	11:14	0.070	16.1	110.0	810	490.00	4,385	Warden Property Line

NT = No Trigger, <0.020 ips.
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* Instrument Unavailable



ID	Submission Date	First Name	Last Name	Report Date	Phone Number:	E-Mail Address	Address1	Blast Date/Time:	Please describe the event.	How did this blast compare to other blasts?	On a 1 to 5 scale, please rate the blast intensity. (1=minor, 5 = major)	What was your activity at the time of blast?	In what general direction does your house face? (N,E,S or W)	What is the approximate square footage of your home?	Is your home a 1 1/2 , or 2 story or large?	Would you like a Quarry Commission member to contact you regarding your report?
2016/1-11 378	11/01/2016 12:27	Connie	Cain	11/01/2016	210 651-6757	conniecain@satx.rr.com	9967 Trophy Oaks Drive		Yesterday, Monday, October 31st at 11:25 the blast felt like the ground moved. We had visitors and they were shocked. Today, Tuesday, November 1st at 11:58 the blast was even worse than yesterday. It was so loud and long. What is going on? To say that this is a nuisance is an understatement.	I only report blasts that I experience to be the worst and the highest of intensity.		making lunch				No

2016/2-11 379	11/15/2016 22:47	Lawrence	Scott	11/15/2016	210-651-3320	scootermi ckey@ya hoo.com	21916 Deer Canyon Drive	11/15/16 12:20pm	<p>was outside when this blast occurred. Normally, when outside, blasts seem less harsh; however, today was a different story. The blast was felt significantly and the house shook, which also was reflected by the actions of our animals. Recently, a posse of quarry people attended out annual homeowners meeting and gave their normal technical presentation in an attempt to appease residents. Actually, they</p>	<p>stronger than others with greater impact. I answered 'no' to having someone from the quarry contact us primarily because we've been through that goat-rope previously and it serves absolutely no purpose. Neither does the quarry commission who seems to just parrot what the quarry folks tell them. The long and short of it is that there will be no help or resolution until houses fall down or someone is killed because a gas line breaks and a</p>	4.5	outside	SW	4200	2 story	No
2016/3-11 380	11/16/2016 12:47	Lawrence	Scott	11/16/2016	210-651-3320	scootermi ckey@ya hoo.com	21916 Deer Canyon Drive	11/16/15 12:11pm	<p>Significant blast that shook the whole house. Also, sent blast report yesterday. No doubt in our mind that these blasts continue to not only impact the living conditions in Garden Ridge, but also have damaging effects to homes. Please stop!!</p>	Significant	4	In home office	SW	4200	2	No

2016/4-11 384	11/30/2016 12:31	Connie	Cain	11/30/2016	210 651-6757	.com	9967 Trophy Oaks Drive	11/30/16 @ 12:10 PM	The blast was long and hard. We were in the kitchen and I could see the dust from the window. I took pictures of the large area of dust from the front of the house and more from the yard. I took pictures of the dust passing over the roof of the house and past the yard. The smell of sulfur was extremely foul.	One of the worst.	5	eating	2600	1 story	No
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1/2 , or 2 story or large?

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.](#)

From: noreply@civicplus.com
Sent: Tuesday, November 15, 2016 10:48 PM
To: City Administrator; City Secretary
Subject: Online Form Submittal: Citizen Quarry Blast Impact Report

Citizen Quarry Blast Impact Report

First Name: Lawrence
Last Name: Scott
Report Date: 11/15/2016
Phone Number: 210-651-3320
E-Mail Address: scootermickey@yahoo.com
Address1: 21916 Deer Canyon Drive
Blast Date/Time: 11/15/16 12:20pm

Please describe the event. Was outside when this blast occurred. Normally, when outside, blasts seem less harsh; however, today was a different story. The blast was felt significantly and the house shook, which also was reflected by the actions of our animals. Recently, a posse of quarry people attended out annual homeowners meeting and gave their normal technical presentation in an attempt to appease residents. Actually, they could care less about homeowners or their homes. The hidden message is that they'll do whatever they want and blast whenever they want and if the blast exceeds the norm no one holds them accountable and to the best of my knowledge, no one in city governance really cares either even though they also, for the most part, live in the city. It's genuinely disgraceful that nothing is being done to protect citizens' property investments.

How did this blast compare to other blasts? Stronger than others with greater impact. I answered 'no' to having someone from the quarry contact us primarily because we've been through that goat-rope previously and it serves absolutely no purpose. Neither does the quarry commission who seems to just parrot what the quarry folks tell them. The long and short of it is that there will be no help or resolution until houses fall down or someone is killed because a gas line breaks and a home explodes. There's also the possibility that water lines and plumbing can be adversely affected or

2016/12-11
Smt
OC
11-16/16

swimming pools damaged.

On a 1 to 5 scale, please rate the blast intensity.
(1=minor, 5 = major) 4.5

What was your activity at the time of blast? outside

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

What is the approximate square footage of your home? 4200

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

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.*

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

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City Secretary

From: noreply@civicplus.com
Sent: Wednesday, November 30, 2016 12:32 PM
To: City Administrator; City Secretary
Subject: Online Form Submittal: Citizen Quarry Blast Impact Report

Citizen Quarry Blast Impact Report

First Name Connie

Last Name Cain

Report Date 11/30/2016

Phone Number: 210 651-6757

E-Mail Address conniecain@satx.rr.com

Address1 9967 Trophy Oaks Drive

Blast Date/Time: 11/30/16 @ 12:10 PM

Please describe the event. The blast was long and hard. We were in the kitchen and I could see the dust from the window. I took pictures of the large area of dust from the front of the house and more from the yard. I took pictures of the dust passing over the roof of the house and past the yard. The smell of sulfur was extremely foul.

How did this blast compare to other blasts? One of the worst.

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? eating

In what general direction does you house face? (N,E,S or W) Field not completed.

What is the approximate square footage of your home? 2600

2016/11/30
#76 12-6
16
Cain

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

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.*

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