



City of Garden Ridge

"A way of life, not just a place to live"

AGENDA QUARRY COMMISSION REGULAR MEETING MONDAY, JULY 8, 2019, 6:00 P.M.

The Garden Ridge Quarry Commission will meet in a regular session on Monday, July 8, 2019, 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 by July 5, 2019, before 6:00 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 to the City Secretary 48 hours prior to this meeting.

1. Call to Order

2. Roll Call

3. Pledge of Allegiance

4. Citizen Comment Period – limited to 30 minutes total

Rules for Citizens' Participation:

The Quarry Commission welcomes citizen participation and comments at all Quarry Commission Meetings. The Quarry Commission offers citizens the opportunity to address them by signing up to speak prior to the meeting. If you speak, you should follow these guidelines:

- a) Respect and courtesy:
 - i. Direct your comments to the entire Commission, not to an individual member, nor to the audience.
 - ii. Show the Commission the same respect that you would like to be shown.
 - iii. End your speaking at the time allotted below.
- b) Speaking:
 - i. First citizen comment period
 1. You are required to sign up to speak.
 2. You are limited to one 3-minute period.
 - ii. Business item period
 1. You are required to sign up to speak.
 2. You are limited to one 3-minute period.
 - iii. Second citizen comment period
 1. You are not required to sign up.
 2. You are limited to one 2-minute period.
 - iv. State your name and address before your comments begin.
 - v. You are only allowed to speak once per topic, unless also speaking during a posted Public Hearing.

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 Quarry 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 following items are for discussion, consideration, and/or action.

- a) Approvals
 - i. Approval of Minutes for May 13, 2019, Quarry Commission Regular Meeting.

- b) Discussions/Reports/Reviews
 - i. 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.
 - ii. Review individual citizen blast report/s, follow up on citizen blast report/s and/or assign Quarry Commissioner contact with citizen/s, as necessary.
 - iii. 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. Discuss placement of roving monitor which is currently at the Baker residence.
- c) Updates/Recommendations
 - i. City Council Regular Meeting on July 2, 2019.
 - ii. Ordinance No. 210-022018 An Ordinance of the City Council of the City of Garden Ridge adopting board and commission policy and procedures; providing that this Ordinance shall be cumulative of all Ordinances; providing a severability clause; providing a savings clause; and providing an effective date.
 - 1. Discuss and make recommendations related to application of ordinance provisions to commission members, if needed.
- d) Future Agenda Items
 - i. Commissioners input for items on upcoming agendas.
 - ii. Update on future education/training sessions and Grapevine articles.
 - iii. Announcement of next Quarry Commission Regular Meeting (Monday, September 9, 2019, at 6:00 p.m. at City Hall – City Council Chambers)
- e) Education/Training – limited to 20 minutes
 - i. Question and answer session with Vibratex, Hanson representatives, blasting contractor/s, and the public.

6. Citizen Comment Period – limited to 20 minutes total
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 Commission may vote or act upon any item within this Agenda. The Commission reserves the right to adjourn into closed session at any time during the course of this meeting to discuss any of the matters listed above, as authorized by Title 5, Chapter 551, of the Texas Government Code.

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 the City Council, other city boards, commissions, and/or committees may attend the meeting in numbers that may constitute a quorum of the City Council, 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 City Council, 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 are specifically provided for on an agenda for that board, commission, or committee subject to the Texas Open Meetings Act.

This is to certify that I, Marisa Spencer, posted this Agenda at 3:00 p.m. on July 3, 2019, on the bulletin board located at the entrance to the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas.

A handwritten signature in dark ink, appearing to read "Marisa Spencer", written over a horizontal line.

Marisa Spencer
City Secretary



City of Garden Ridge

"A way of life, not just a place to live"

MINUTES QUARRY COMMISSION REGULAR MEETING MONDAY, MAY 13, 2019, 6:00 P.M.

Commissioners Present:

Chair Mike Shands
Vice-Chair Wayne Mudge
Commissioner Jerry Barucky
Commissioner Johnell Holly
Commissioner Mark DuBois
Councilmember Bryan Lantzy, Ex-officio member

Commissioners Absent:

Commissioner Richard Holloway (Voluntary Announced Absence)
Commissioner Albert Haddad (Unannounced Absence)

City Staff Present:

Nancy Cain, City Administrator
Marisa Spencer, City Secretary
Cynthia Trevino, City Attorney

Other City Councilmembers or Commissioners Present:

None

1. Call to Order

With a quorum of the Quarry Commission Members present, Chair Shands called the regular meeting of the Garden Ridge Quarry Commission to order at 6:00 p.m. on Monday, May 13, 2019, in the City Council Chambers of the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas, 78266.

2. Roll Call

See above.

3. Pledge of Allegiance

Chair Shands led the Pledge of Allegiance.

4. Citizen Comment Period – limited to 30 minutes total

No one signed up to speak.

5. Business Items

The following items are for discussion, consideration and/or action.

a) Approvals

i. Approval of Minutes for March 11, 2019, Quarry Commission Regular Meeting.

Motion: A motion was made by Vice-Chair Mudge, seconded by Commissioner Holly, to approve the March 11, 2019, Quarry Commission Regular Meeting Minutes. The Quarry Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

b) Discussions/Reports/Reviews

- i. 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.**

Geoffrey Rigsby, Vibra-Tech, presented and discussed the March blast analysis. He stated that 13 shots occurred during the month of March and none of the blasts exceeded the limits of Ordinance 34. He reported the highest PPV reading of 0.138 occurred on March 6, 2019, at the Warden Property Line and the highest Air Overpressure of 115 dB occurred on March 21, 2019, at the Warden Residence.

Geoffrey Rigsby, Vibra-Tech, presented and discussed the April blast analysis. He stated that 16 shots occurred during the month of April and none of the blasts exceeded the limits of Ordinance 34. He reported the highest PPV reading of 0.213 occurred on April 29, 2019, at the Holly Residence and the highest Air Overpressure of 118 dB occurred on April 5, 2019, at the Holly Residence.

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

Geoffrey Rigsby, Vibra-Tech, discussed citizen blast reports received for March and April. He reviewed the citizen concerns and relevant blasts from Armando Diaz.

- iii. 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. Discuss placement of roving monitor which is currently at the Baker residence.**

The Commission agreed to leave the roving monitor at the Baker residence.

c) Updates

- i. City Council Regular Meetings on April 3, 2019, and May 1, 2019.**

Nancy Cain, City Administrator, stated there were no recommendations for consideration by City Council from the Quarry Commission at the April 3, 2019, City Council Regular Meeting. She reported that City Council approved the Quarry Commission's recommendation that termination of Commissioner DuBois be waived for good cause to allow a fourth (4th) consecutive absence or a fifth (5th) total absence at the May 1, 2019, City Council Regular Meeting.

- ii. Ordinance No. 210-022018 An Ordinance of the City Council of the City of Garden Ridge adopting board and commission policy and procedures; providing that this Ordinance shall be cumulative of all Ordinances; providing a severability clause; providing a savings clause; and providing an effective date.**

- 1. Discuss and make recommendations related to application of ordinance provisions to commission members, if needed.**

The Commission had nothing to discuss at this time.

d) Future Agenda Items

- i. Commissioners input for items on upcoming agendas.**

None.

- ii. Update on future education/training sessions and Grapevine articles.**

The Commission requested another "question and answer" open forum be held at the next meeting.

- iii. Announcement of next Quarry Commission Regular Meeting – Monday, July 8, 2019, at 6:00 p.m. at City Hall.**

Chair Shands announced the next Quarry Commission Regular Meeting will be held on Monday, July 8, 2019, at 6:00 p.m. at City Hall.

e) **Education/Training – limited to 20 minutes**

- i. **Question and answer session with Vibratex, Hanson representatives, blasting contractor/s, and the public.**

The Commission discussed construction practices, blasting locations, and blasting techniques with Geoffrey Rigsby, Vibra-Tech. Councilmember Lantzy discussed construction practices and techniques that pertain to the City of Garden Ridge.

6. **Citizen Comment Period – limited to 20 minutes total**

No one wished to speak.

7. **Executive Session**

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

- a) **Pursuant to Texas Government Code Section 551.071 – Consultation with Attorney**

1. **To seek legal advice in connection with settlement negotiations and other issues related to Hanson Aggregates operations, blasting and possible amendments to Ordinance 34.**

Chair Shands announced the Quarry Commission will recess at 6:28 p.m. and reconvene into Executive Session at 6:29 p.m., in accordance with Texas Government Code Section 551.074 – Consultation with Attorney on the one (1) item stated above.

Chair Shands adjourned the Executive Session and reconvened back into Regular Session at 7:48 p.m.

8. **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.

- a) **AN ORDINANCE OF THE CITY OF GARDEN RIDGE, TEXAS, PROHIBITING BLASTING, WITHIN THE CITY LIMITS; PROVIDING FOR PARTIAL EXEMPTION PERMIT; ESTABLISHING REGULATIONS PERTAINING TO BLASTING; ESTABLISHING CRIMINAL AND CIVIL PENALTIES FOR VIOLATIONS; PROVIDING THAT THIS ORDINANCE SHALL BE CUMULATIVE; PROVIDING FOR SEVERABILITY; INCLUDING A REPEALER CLAUSE; AND DECLARING AN EFFECTIVE DATE.**

Motion: A motion was made by Commissioner Holly, seconded by Commissioner Barucky, to recommend to City Council the approval of Ordinance No. 34 an Ordinance of the City of Garden Ridge, Texas, prohibiting blasting within the City limits; providing for partial exemption permit; establishing regulations pertaining to blasting; establishing criminal and civil penalties for violations; providing that this Ordinance shall be cumulative; providing for severability; including a repealer clause; and declaring an effective date. During the discussion of the motion, the Commission expressed they were not pleased with this choice; however, based on all legal considerations this revised Ordinance is the best option for the City to pursue. The Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

9. **Adjournment**

There being no further business, the Monday, May 13, 2019, Quarry Commission Regular Meeting was adjourned at 7:52 p.m. by Chair Shands.

Mike Shands, Chair

ATTEST:

Marisa Spencer
City Secretary



July 3, 2019

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 2019 at the Hanson Aggregates Quarry in Garden Ridge, Texas. Please place this information in your 2019 Blast Data Management Book.

At the request of the Garden Ridge Quarry Commission, Vibra-Tech, Inc. personnel conducted seismic monitoring at various locations for all blasting activities.

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 every other month (odd months) at 6:00 PM.



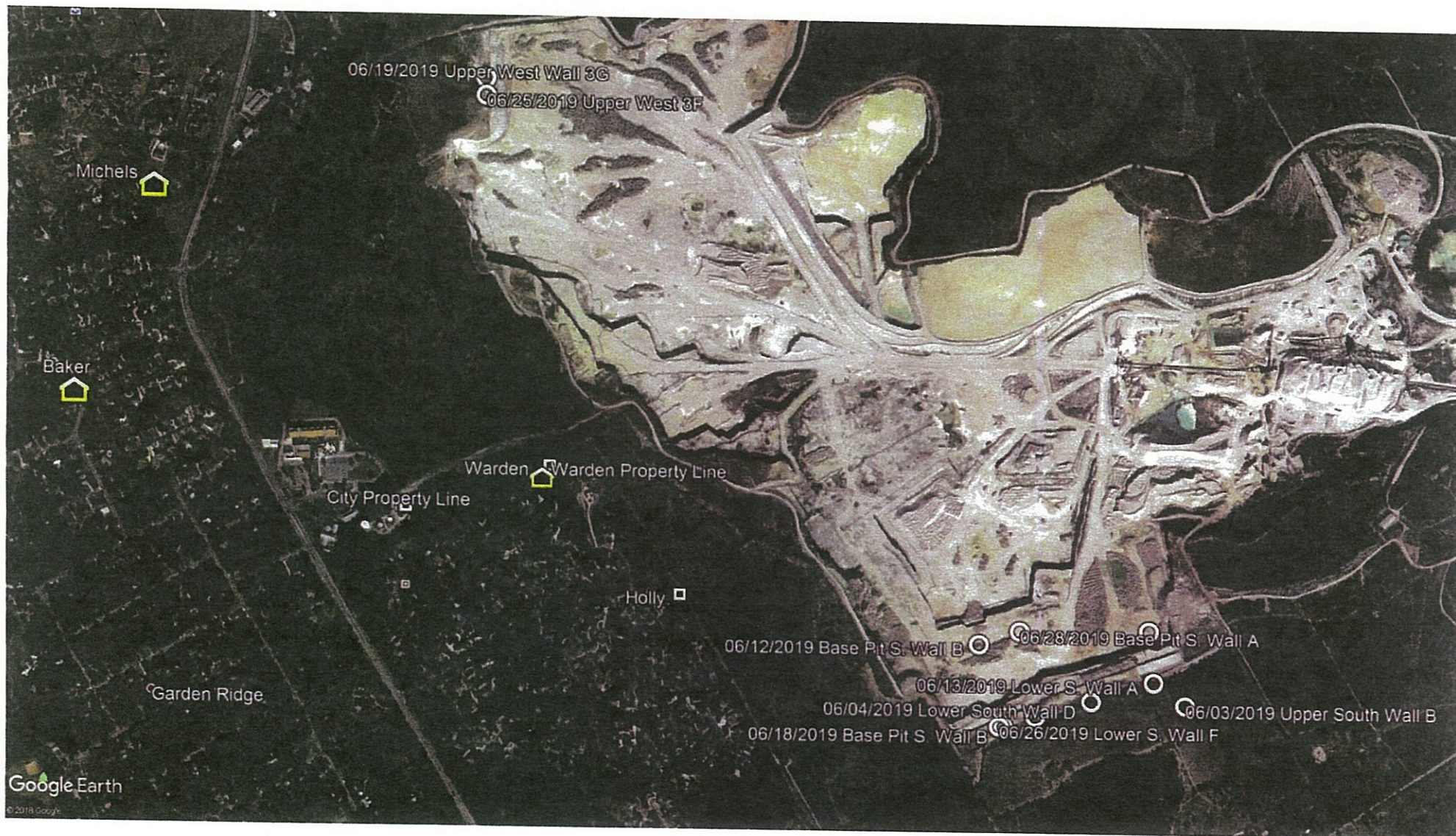
Respectfully submitted,

VIBRA-TECH, INC.

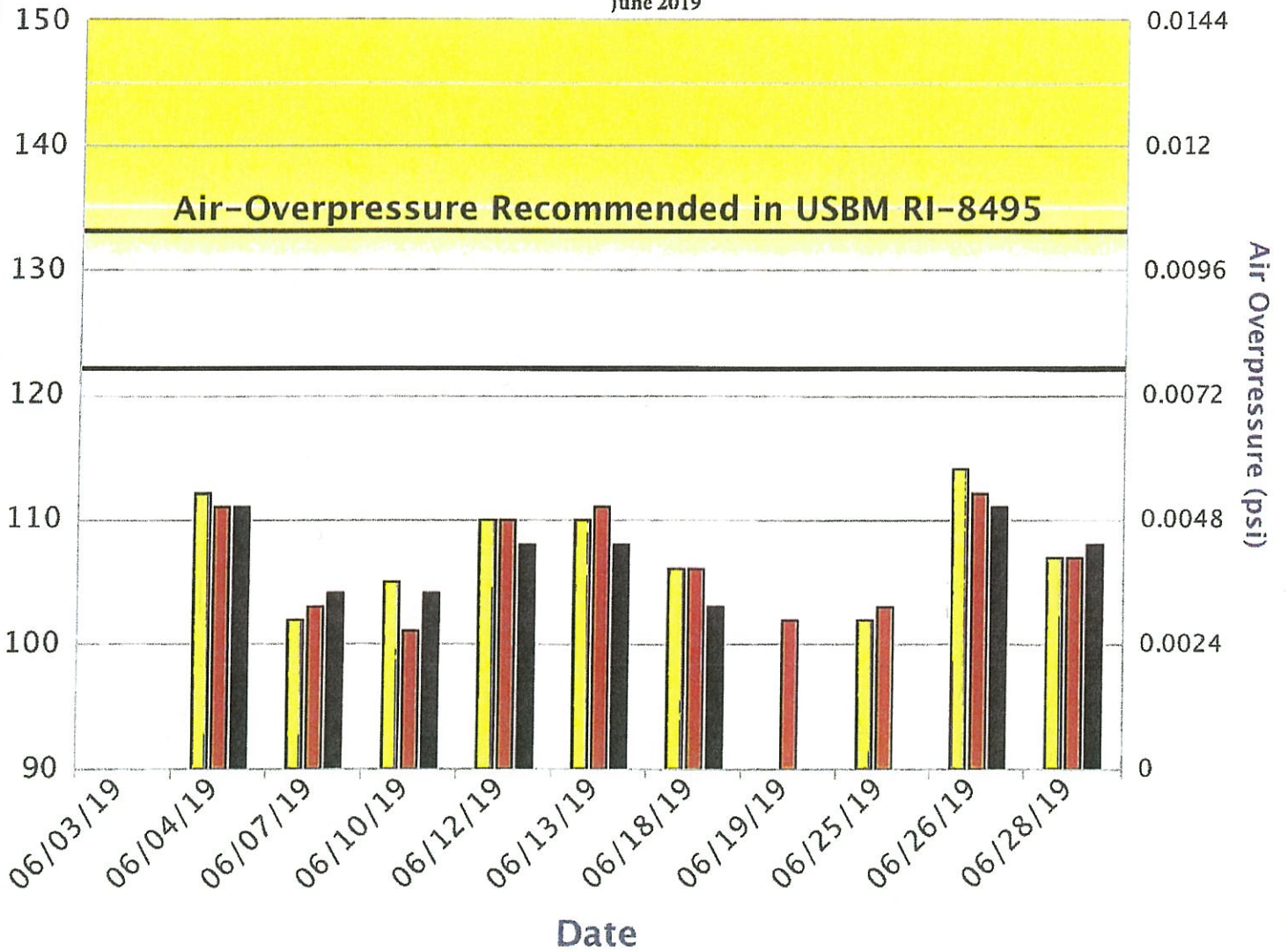
A handwritten signature in blue ink, appearing to be "R Payne", written in a cursive style.

Randall Payne
Operations Manager

cc: Hal Halamuda, Hanson – Servtex

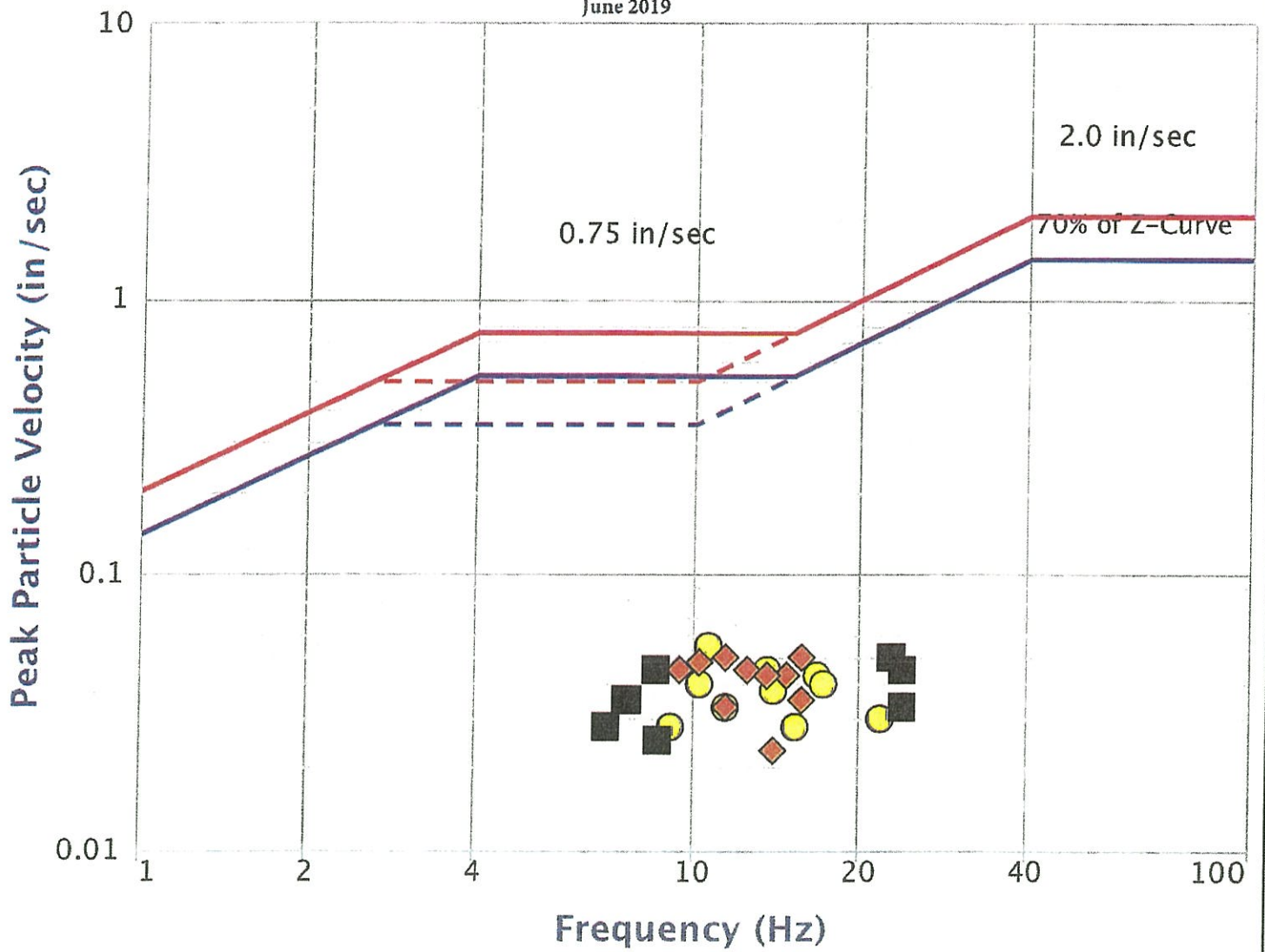


Garden Ridge Quarry Commission
Garden Ridge, Texas
AO Graph
June 2019



Warden Residence Warden Prop Line Holly Residence

Garden Ridge Quarry Commission
Garden Ridge, Texas
USBM Graph
June 2019



● Warden Residence ◆ Warden Prop Line ■ Holly Residence

**GARDEN RIDGE QUARRY COMMISSION
HANSON - SERVTEX QUARRY
GARDEN RIDGE, TEXAS
JUNE 2019**

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
06/03/19	06/03/2019 Upper South Wall B	N 29° 38' 4.41" W 098° 16' 34.76"	CLOUDY 91° SE 12	15:22	NT	NT	NT	2125	75.00	10,163	Baker Residence
06/03/19	06/03/2019 Upper South Wall B	N 29° 38' 4.41" W 098° 16' 34.76"	CLOUDY 91° SE 12	15:22	NT	NT	NT	2125	75.00	7,217	City Property Line
06/03/19	06/03/2019 Upper South Wall B	N 29° 38' 4.41" W 098° 16' 34.76"	CLOUDY 91° SE 12	15:22	NT	NT	NT	2125	75.00	4,671	Holly - 9916 Trophy Oaks
06/03/19	06/03/2019 Upper South Wall B	N 29° 38' 4.41" W 098° 16' 34.76"	CLOUDY 91° SE 12	15:22	NT	NT	NT	2125	75.00	10,177	Michels - 9118 Tuscan Hills
06/03/19	06/03/2019 Upper South Wall B	N 29° 38' 4.41" W 098° 16' 34.76"	CLOUDY 91° SE 12	15:22	NT	NT	NT	2125	75.00	6,047	Warden - 21375 Gunther Grove
06/04/19	06/04/2019 Lower S. Wall D	N 29° 38' 4.66" W 098° 16' 44.29"	CLOUDY 86° E 5	12:43	NT	NT	NT	1422	765.00	9,346	Baker Residence
06/04/19	06/04/2019 Lower S. Wall D	N 29° 38' 4.66" W 098° 16' 44.29"	CLOUDY 86° E 5	12:43	NT	NT	NT	1422	765.00	6,402	City Property Line
06/04/19	06/04/2019 Lower S. Wall D	N 29° 38' 4.66" W 098° 16' 44.29"	CLOUDY 86° E 5	12:43	0.050	22.7	111.0	1422	765.00	3,852	Holly - 9916 Trophy Oaks
06/04/19	06/04/2019 Lower S. Wall D	N 29° 38' 4.66" W 098° 16' 44.29"	CLOUDY 86° E 5	12:43	NT	NT	NT	1422	765.00	9,412	Michels - 9118 Tuscan Hills
06/04/19	06/04/2019 Lower S. Wall D	N 29° 38' 4.66" W 098° 16' 44.29"	CLOUDY 86° E 5	12:43	0.055	10.6	112.0	1422	765.00	5,247	Warden - 21375 Gunther Grove
06/07/19	06/07/2019 Lower S. East Face	N 29° 38' 11.01" W 098° 16' 35.85"	SUNNY 89° SW 5	12:02	NT	NT	NT	1137	567.00	9,921	Baker Residence
06/07/19	06/07/2019 Lower S. East Face	N 29° 38' 11.01" W 098° 16' 35.85"	SUNNY 89° SW 5	12:02	NT	NT	NT	1137	567.00	6,981	City Property Line
06/07/19	06/07/2019 Lower S. East Face	N 29° 38' 11.01" W 098° 16' 35.85"	SUNNY 89° SW 5	12:02	0.033	23.8	104.0	1137	567.00	4,468	Holly - 9916 Trophy Oaks
06/07/19	06/07/2019 Lower S. East Face	N 29° 38' 11.01" W 098° 16' 35.85"	SUNNY 89° SW 5	12:02	NT	NT	NT	1137	567.00	9,822	Michels - 9118 Tuscan Hills
06/07/19	06/07/2019 Lower S. East Face	N 29° 38' 11.01" W 098° 16' 35.85"	SUNNY 89° SW 5	12:02	0.038	13.9	102.0	1137	567.00	5,779	Warden - 21375 Gunther Grove

NT = No Trigger, <0.020ips.

NT = No Trigger, <122dB

GARDEN RIDGE QUARRY COMMISSION
HANSON - SERVTEX QUARRY
GARDEN RIDGE, TEXAS
JUNE 2019

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
06/10/19	06/10/2019 Lower S. Wall F	N 29° 38' 3.27" W 098° 16' 49.95"	CLOUDY 81° N 12	13:24	NT	NT	NT	1566	775.00	8,908	Baker Residence
06/10/19	06/10/2019 Lower S. Wall F	N 29° 38' 3.27" W 098° 16' 49.95"	CLOUDY 81° N 12	13:24	NT	NT	NT	1566	775.00	5,970	City Property Line
06/10/19	06/10/2019 Lower S. Wall F	N 29° 38' 3.27" W 098° 16' 49.95"	CLOUDY 81° N 12	13:24	0.045	8.5	104.0	1566	775.00	3,422	Holly - 9916 Trophy Oaks
06/10/19	06/10/2019 Lower S. Wall F	N 29° 38' 3.27" W 098° 16' 49.95"	CLOUDY 81° N 12	13:24	NT	NT	NT	1566	775.00	9,039	Michels - 9118 Tuscan Hills
06/10/19	06/10/2019 Lower S. Wall F	N 29° 38' 3.27" W 098° 16' 49.95"	CLOUDY 81° N 12	13:24	0.043	16.7	105.0	1566	775.00	4,841	Warden - 21375 Gunther Grove
06/12/19	06/12/2019 Base Pit S. Wall B	N 29° 38' 9.60" W 098° 16' 55.60"	CLOUDY 80° N 0	12:27	NT	NT	NT	1099	814.00	8,254	Baker Residence
06/12/19	06/12/2019 Base Pit S. Wall B	N 29° 38' 9.60" W 098° 16' 55.60"	CLOUDY 80° N 0	12:27	NT	NT	NT	1099	814.00	5,308	City Property Line
06/12/19	06/12/2019 Base Pit S. Wall B	N 29° 38' 9.60" W 098° 16' 55.60"	CLOUDY 80° N 0	12:27	0.025	8.6	108.0	1099	814.00	2,765	Holly - 9916 Trophy Oaks
06/12/19	06/12/2019 Base Pit S. Wall B	N 29° 38' 9.60" W 098° 16' 55.60"	CLOUDY 80° N 0	12:27	NT	NT	NT	1099	814.00	8,297	Michels - 9118 Tuscan Hills
06/12/19	06/12/2019 Base Pit S. Wall B	N 29° 38' 9.60" W 098° 16' 55.60"	CLOUDY 80° N 0	12:27	0.030	21.7	110.0	1099	814.00	4,140	Warden - 21375 Gunther Grove
06/13/19	06/13/2019 Lower S. Wall A	N 29° 38' 6.40" W 098° 16' 37.91"	SUNNY 83° NE 9	11:22	NT	NT	NT	1485	602.00	9,844	Baker Residence
06/13/19	06/13/2019 Lower S. Wall A	N 29° 38' 6.40" W 098° 16' 37.91"	SUNNY 83° NE 9	11:22	NT	NT	NT	1485	602.00	6,898	City Property Line
06/13/19	06/13/2019 Lower S. Wall A	N 29° 38' 6.40" W 098° 16' 37.91"	SUNNY 83° NE 9	11:22	0.045	23.8	108.0	1485	602.00	4,357	Holly - 9916 Trophy Oaks
06/13/19	06/13/2019 Lower S. Wall A	N 29° 38' 6.40" W 098° 16' 37.91"	SUNNY 83° NE 9	11:22	NT	NT	NT	1485	602.00	9,840	Michels - 9118 Tuscan Hills
06/13/19	06/13/2019 Lower S. Wall A	N 29° 38' 6.40" W 098° 16' 37.91"	SUNNY 83° NE 9	11:22	0.040	17.2	110.0	1485	602.00	5,722	Warden - 21375 Gunther Grove

NT = No Trigger, <0.020ips.

NT = No Trigger, <122dB

**GARDEN RIDGE QUARRY COMMISSION
HANSON - SERVTEX QUARRY
GARDEN RIDGE, TEXAS
JUNE 2019**

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
06/18/19	06/18/2019 Base Pit S. Wall B	N 29° 38' 2.30" W 098° 16' 53.20"	SUNNY 85° E 4	12:22	NT	NT	NT	985	777.00	8,666	Baker Residence
06/18/19	06/18/2019 Base Pit S. Wall B	N 29° 38' 2.30" W 098° 16' 53.20"	SUNNY 85° E 4	12:22	NT	NT	NT	985	777.00	5,735	City Property Line
06/18/19	06/18/2019 Base Pit S. Wall B	N 29° 38' 2.30" W 098° 16' 53.20"	SUNNY 85° E 4	12:22	0.028	6.9	103.0	985	777.00	3,194	Holly - 9916 Trophy Oaks
06/18/19	06/18/2019 Base Pit S. Wall B	N 29° 38' 2.30" W 098° 16' 53.20"	SUNNY 85° E 4	12:22	NT	NT	NT	985	777.00	8,841	Michels - 9118 Tuscan Hills
06/18/19	06/18/2019 Base Pit S. Wall B	N 29° 38' 2.30" W 098° 16' 53.20"	SUNNY 85° E 4	12:22	0.028	15.2	106.0	985	777.00	4,625	Warden - 21375 Gunther Grove
06/19/19	06/19/2019 Upper West Wall 3G	N 29° 38' 59.21" W 098° 17' 45.85"	SUNNY 85° NE 6	12:09	NT	NT	NT	892	55.00	4,664	Baker Residence
06/19/19	06/19/2019 Upper West Wall 3G	N 29° 38' 59.21" W 098° 17' 45.85"	SUNNY 85° NE 6	12:09	NT	NT	NT	892	55.00	3,775	City Property Line
06/19/19	06/19/2019 Upper West Wall 3G	N 29° 38' 59.21" W 098° 17' 45.85"	SUNNY 85° NE 6	12:09	NT	NT	NT	892	55.00	3,203	Michels - 9118 Tuscan Hills
06/19/19	06/19/2019 Upper West Wall 3G	N 29° 38' 59.21" W 098° 17' 45.85"	SUNNY 85° NE 6	12:09	0.028	9.1	86.0	892	55.00	3,705	Warden - 21375 Gunther Grove
06/19/19	06/19/2019 Upper West Wall 3G	N 29° 38' 59.21" W 098° 17' 45.85"	SUNNY 85° NE 6	12:09	0.045	12.5	102.0	892	55.00	3,510	Warden Property Line
06/25/19	06/25/2019 Upper West 3F	N 29° 38' 57.69" W 098° 17' 45.81"	SUNNY 85° S 8	12:33	NT	NT	NT	748	103.00	4,569	Baker Residence
06/25/19	06/25/2019 Upper West 3F	N 29° 38' 57.69" W 098° 17' 45.81"	SUNNY 85° S 8	12:33	NT	NT	NT	748	103.00	3,625	City Property Line
06/25/19	06/25/2019 Upper West 3F	N 29° 38' 57.69" W 098° 17' 45.81"	SUNNY 85° S 8	12:33	NT	NT	NT	748	103.00	3,150	Michels - 9118 Tuscan Hills
06/25/19	06/25/2019 Upper West 3F	N 29° 38' 57.69" W 098° 17' 45.81"	SUNNY 85° S 8	12:33	0.033	11.4	102.0	748	103.00	3,552	Warden - 21375 Gunther Grove
06/25/19	06/25/2019 Upper West 3F	N 29° 38' 57.69" W 098° 17' 45.81"	SUNNY 85° S 8	12:33	0.050	11.4	103.0	748	103.00	3,358	Warden Property Line

NT = No Trigger, <0.020ips.

NT = No Trigger, <122dB

**GARDEN RIDGE QUARRY COMMISSION
HANSON - SERVTEX QUARRY
GARDEN RIDGE, TEXAS
JUNE 2019**

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
06/26/19	06/26/2019 Lower S. Wall F	N 29° 38' 2.31" W 098° 16' 53.64"	CLOUDY 86° SE 8	12:28	NT	NT	NT	1050	610.00	8,629	Baker Residence
06/26/19	06/26/2019 Lower S. Wall F	N 29° 38' 2.31" W 098° 16' 53.64"	CLOUDY 86° SE 8	12:28	NT	NT	NT	1050	610.00	5,699	City Property Line
06/26/19	06/26/2019 Lower S. Wall F	N 29° 38' 2.31" W 098° 16' 53.64"	CLOUDY 86° SE 8	12:28	0.035	7.5	111.0	1050	610.00	3,158	Holly - 9916 Trophy Oaks
06/26/19	06/26/2019 Lower S. Wall F	N 29° 38' 2.31" W 098° 16' 53.64"	CLOUDY 86° SE 8	12:28	NT	NT	NT	1050	610.00	8,807	Michels - 9118 Tuscan Hills
06/26/19	06/26/2019 Lower S. Wall F	N 29° 38' 2.31" W 098° 16' 53.64"	CLOUDY 86° SE 8	12:28	0.045	13.5	114.0	1050	610.00	4,590	Warden - 21375 Gunther Grove
06/28/19	06/28/2019 Base Pit S. Wall A	N 29° 38' 10.81" W 098° 16' 51.44"	SUNNY 84° SW 8	13:22	NT	NT	NT	1094	883.00	8,581	Baker Residence
06/28/19	06/28/2019 Base Pit S. Wall A	N 29° 38' 10.81" W 098° 16' 51.44"	SUNNY 84° SW 8	13:22	NT	NT	NT	1094	883.00	5,636	City Property Line
06/28/19	06/28/2019 Base Pit S. Wall A	N 29° 38' 10.81" W 098° 16' 51.44"	SUNNY 84° SW 8	13:22	0.035	7.6	108.0	1094	883.00	3,106	Holly - 9916 Trophy Oaks
06/28/19	06/28/2019 Base Pit S. Wall A	N 29° 38' 10.81" W 098° 16' 51.44"	SUNNY 84° SW 8	13:22	NT	NT	NT	1094	883.00	8,571	Michels - 9118 Tuscan Hills
06/28/19	06/28/2019 Base Pit S. Wall A	N 29° 38' 10.81" W 098° 16' 51.44"	SUNNY 84° SW 8	13:22	0.040	10.2	107.0	1094	883.00	4,452	Warden - 21375 Gunther Grove

NT = No Trigger, <0.020ips.

NT = No Trigger, <122dB

#	Month	Blast Date	Blast time	Date Received	Name	Address	Phone #	Rating	# stories	sq footage	request contact	Misc	Date sent to Quarry Commission
2019-30Q	June	6/4/2019	12:43pm	6/4/2019	Armando Diaz	21010 Gunther Grove	210-721-0112	3	1	2800	No	"Felt foundation vibrate. Glassware rattled."	6/4/2019
2019-31Q	June	6/7/2019	11:02am	6/7/2019	Armando Diaz	21010 Gunther Grove	210-721-0112	2	1	2800	No	"Intensity felt less severe than most recent blasts. On opposite side of house from where I've been in the past"	6/7/2019
2019-32Q	June			6/10/2019	Armando Diaz	21010 Gunther Grove	210-721-0112	2	1	2800	No	"Felt foundation vibrate. Not as intense as the stronger blasts I've been feeling for past couple of weeks"	6/10/2019
2019-33Q	June	6/10/2019	1:25pm	6/10/2019	Armando Diaz	21010 Gunther Grove	210-721-0112	2	1	2800	No	"Previously completed form but inadvertently left off date and time. Discard previous submission from earlier today. Not as intense as blasting from previous 2 weeks. Vibrated through foundation and heard wall vibrating as well."	6/10/2019
2019-34Q	June	6/12/2019	12:27pm	6/12/2019	Armando Diaz	21010 Gunther Grove	210-721-0112	2	1	2800	No	"Felt vibration on kitchen island countertop, not so much through the foundation. Walls vibrated a little"	6/12/2019
2019-35Q	June	6/13/2019	11:22pm	6/13/2019	Armando Diaz	21010 Gunther Grove	210-721-0112	1	1	2800	No	"My wife and I were outside in garage, garage doors open, when we heard the warning siren. I stayed in the garage and she came inside to the kitchen area. I felt garage floor vibrate a little and could hear the walls vibrate as well. I actually heard the blast a second or two later. My wife, in the kitchen, said she felt two separate waves. Both agreed to rate this as a 1"	6/13/2019
2019-36Q	June	6/18/2019	12:22pm	6/18/2019	Armando Diaz	21010 Gunther Grove	210-721-0112	1	1	2800	No	"Was outside when I heard warning siren. Went inside house. Felt slight vibration going through floor, and walls had a slight vibration as well. My wife was in one of the bedrooms and didn't feel the blast"	6/18/2019
2019-37Q	June	6/26/2019	12:30pm	6/26/2019	Armando Diaz	21010 Gunther Grove	210-721-0112	2	1	2800	No	"Felt floor vibrate and heard wall shaking a little. Hadn't felt any blasting over the past week or so."	6/26/2019
2019-38Q	June	6/28/2019	1:22pm	6/28/2019	Armando Diaz	21010 Gunther Grove	210-721-0112	2	1	2800	No	"Felt floor vibrate."	6/28/2019

Print

Citizen Quarry Blast Impact Report - Submission #1302

Date Submitted: 6/4/2019

First Name

Armando

Last Name

Diaz

Report Date

6/4/2019

Address1

21010 Gunther Grove

Blast Date/Time:

6/4/2019 / 12:43

Please describe the event.

Felt foundation vibrate. Glassware rattled.

How did this blast compare to other blasts?

Normal

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

3

What was your activity at the time of blast?

Sitting

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

W

What is the approximate square footage of your home?

2800

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?

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 6:00 PM in the City Council Chambers in City Hall.

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

2019-300

Print

Citizen Quarry Blast Impact Report - Submission #1306

Date Submitted: 6/7/2019

First Name

Armando

Last Name

Diaz

Report Date

6/7/2019

Address1

21010 Gunther Grove

Blast Date/Time:

06/07/2019 / 11:02

Please describe the event.

Intensity felt less severe than most recent blasts. On opposite side of house from where I've been in the past.

How did this blast compare to other blasts?

Lower intensity

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

2

What was your activity at the time of blast?

Sitting down

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

W

What is the approximate square footage of your home?

2800

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?

No

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2019-31Q

Print

Citizen Quarry Blast Impact Report - Submission #1311

Date Submitted: 6/10/2019

First Name

Armando

Last Name

Diaz

Report Date

6/10/2019

Address1

21010 Gunther Grove

Blast Date/Time:

Please describe the event.

Felt foundation vibrate. Not as intense as the stronger blasts I've been feeling for past couple of weeks

How did this blast compare to other blasts?

Less intense vibration

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

2

What was your activity at the time of blast?

Working on computer

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

W

What is the approximate square footage of your home?

2800

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?

No

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2019-32Q

Print

Citizen Quarry Blast Impact Report - Submission #1313

Date Submitted: 6/10/2019

First Name

Armando

Last Name

Diaz

Report Date

6/10/2019

Address1

21010 Gunther Grove

Blast Date/Time:

6/10/2019 - 1:25

Please describe the event.

Previously completed form but inadvertently left off date and time. Discard previous submission from earlier today. Not as intense as blasting from previous 2 weeks. Vibrated through foundation and heard walls vibrating as well.

How did this blast compare to other blasts?

Not as intense as prior blasts.

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

2

What was your activity at the time of blast?

Working on computer

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

W

What is the approximate square footage of your home?

2800

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?

No

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2019-33Q

Print

Citizen Quarry Blast Impact Report - Submission #1316

Date Submitted: 6/12/2019

First Name

Armando

Last Name

Diaz

Report Date

6/12/2019

Address1

21010 Gunther Grove

Blast Date/Time:

06/12/2019 - 12:27

Please describe the event.

Felt vibration on kitchen island countertop, not so much through the foundation. Walls vibrated a little

How did this blast compare to other blasts?

A little less than normal

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

2

What was your activity at the time of blast?

Working on computer on kitchen island countertop

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

W

What is the approximate square footage of your home?

2800

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?

No

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2019-340

Print

Citizen Quarry Blast Impact Report - Submission #1318

Date Submitted: 6/13/2019

First Name

Armando

Last Name

Diaz

Report Date

6/13/2019

Address1

21010 Gunther Grove

Blast Date/Time:

06/13/2019 - 11:22

Please describe the event.

My wife and I were outside in garage, garage doors open, when we heard the warning siren. I stayed in the garage and she came inside to the kitchen area. I felt garage floor vibrate a little, and could hear the walls vibrate as well. I actually heard the

How did this blast compare to other blasts?

I think the severity was less than what I've felt in the past; with the exception of hearing the blast

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

1

What was your activity at the time of blast?

We were both outside in garage when we heard the warning siren

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

W

What is the approximate square footage of your home?

2800

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?

No

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2019-35Q

Print

Citizen Quarry Blast Impact Report - Submission #1325

Date Submitted: 6/18/2019

First Name

Armando

Last Name

Diaz

Report Date

6/18/2019

Address1

21010 Gunther Grove

Blast Date/Time:

06/19/2019 - 12:22

Please describe the event.

Was outside when I heard warning siren. Went inside house. Felt slight vibration going through floor, and walls had a slight vibration as well. My wife was in one of the bedrooms and didn't feel the blast.

How did this blast compare to other blasts?

Lower intensity

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

1

What was your activity at the time of blast?

Working on computer

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

W

What is the approximate square footage of your home?

2800

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?

No

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2019-3602

Print

Citizen Quarry Blast Impact Report - Submission #1338

Date Submitted: 6/26/2019

First Name

Armando

Last Name

Diaz

Report Date

6/26/2019

Address1

21010 Gunther Grove

Blast Date/Time:

06/26/2019 - 12:30

Please describe the event.

Felt floor vibrate and heard wall shaking a little. Hadn't felt any blasting over the past week or so.

How did this blast compare to other blasts?

About normal

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

2

What was your activity at the time of blast?

Sitting at kitchen counter, working on computer

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

W

What is the approximate square footage of your home?

2800

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?

No

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2019-37Q

Print

Citizen Quarry Blast Impact Report - Submission #1350

Date Submitted: 6/28/2019

First Name

Armando

Last Name

Diaz

Report Date

6/28/2019

Address1

21010 Gunther Grove

Blast Date/Time:

6/28/2019 - 1:22

Please describe the event.

Felt floor vibrate

How did this blast compare to other blasts?

Normal

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

2

What was your activity at the time of blast?

Sitting at counter, working on computer

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

W

What is the approximate square footage of your home?

2800

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?

No

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2019-380

Quarry Commission Rolling Attendance

Commissioner	1/8/18 Regular Meeting	3/12/18 Regular Meeting	5/14/18 Regular Meeting	7/9/18 Regular Meeting	9/10/18 Regular Meeting	11/5/18 Regular Meeting	1/7/19 Special Meeting	1/14/19 Regular Meeting	3/11/19 Regular Meeting	5/13/19 Regular Meeting	6/10/19 Special Meeting	7/8/19 Regular Meeting
Shands	P	P	P	P	P	P	P	P	P	P	P	
Barucky	P	P	P	P	P	P	P	P	P	P	P	
DuBois	P	P	P	A	P	P	A	A	A	P	P	
Haddad	P	P	P	P	P	P	P	P	P	U	U	
Holloway	P	P	A	P	P	A	P	P	P	A	P	
Holly	P	P	P	P	P	E	P	P	P	P	A	
Mudge	P	P	P	A	P	P	E	P	P	P	P	

P	Present
P-QNM	Present but quorum not met
E	Excused for reasons allowed in Ord. 210
A	Voluntary Announced Absence
U	Unannounced Absence
	Not member yet

[illegible][illegible]

Future Agenda Items

Quarry Commission

September 9, 2019

Regular Meeting

(no meeting in August 2019)

- | | | |
|------------------------|------------|--|
| 12 days before Meeting | (08/28/19) | Commission and Staff items are due |
| 10 days before Meeting | (08/30/19) | City Administrator and Chair review agenda.
City Attorney is sent the agenda for approval. |
| 7 days before Meeting | (09/02/19) | Post Agenda on bulletin board and Commission will receive packet.
(allowing a day and half for corrections and to request additional information to be added) |
| 4 days before Meeting | (09/05/19) | Post Agenda Packet to City Website |
| 3 days before Meeting | (09/06/19) | (72 hours) – Local Government Code requirement for posting |

City Council = Red
 Impact Fee Committee = Pink
 Quarry Commission = Purple
 Planning & Zoning = Green
 Water Commission = Blue
 Wildlife Management Advisory Commission = Brown
 City Holiday = Orange
 Municipal Court = Gray

Sun	Mon	Tues	Wed	Thur	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Approvals

1. Minutes 06-10-19
2. Minutes 07-08-19

Public Hearings/Recommendations

Discussion/Reports

1. Monthly Blasting Analysis Data and Monitoring of Blasts
2. Citizen Blast Impact Reports
3. City Council Update
4. Ordinance No. 210-022018
5. Future Agenda Items
 - a. Commissioners' input
 - b. Reschedule next meeting (November 9, 2019) due to Veterans Day Holiday

Education/Training Session

Executive Session

PENDING FUTURE AGENDA ITEMS