



**AGENDA**  
**QUARRY COMMISSION REGULAR MEETING**  
**MONDAY, MARCH 8, 2021, 6:00 P.M.**

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The Garden Ridge Quarry Commission will meet in a regular session on Monday, March 8, 2021, 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 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.

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

a) Respect and courtesy:

1. Direct your comments to the entire Commission, not to an individual member, nor to the audience.
2. Show the Commission the same respect that you would like to be shown.
3. End your speaking at the time allotted below.

b) Speaking:

1. First citizen comment period.
  - i. You are required to sign up to speak and you are limited to one 3-minute period.
2. Second citizen comment period.
  - i. You are not required to sign up and you are limited to one 2-minute period.
3. State your name and address before your comments begin.
4. 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 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 action.

a) Approvals

1. Approval of Minutes for January 11, 2021, Quarry Commission Regular Meeting.

b) Discussions/Reports/Updates

1. Monthly Hanson Quarry blasting analysis data reported by Vibratex and recent quarry operations, including any unusual blasts that occurred during reported month/s and/or current month.
2. Review individual citizen blast reports received during reported month/s.
3. Location, placement, and number of monitors and other matters related to monitoring of blasts, including placement of roving monitor.
4. Items applicable to the Quarry Commission discussed at the February and March City Council Meetings.

c) Recommendations

1. 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.
  - i. Discuss and accept the resignation of Commissioner Haddad.
  - ii. Interview possible candidates for Quarry Commission, Place 1 vacancy (term expiring September 30, 2021).
  - iii. Make recommendation to City Council for appointment of commissioner.
  - iv. Discuss and make recommendations related to application of ordinance provisions to commission members, if needed.

d) Education/Training

1. Review “Quarry Terminology”.
2. Discuss “Blasting Educational Materials” with Vibratex, Hanson representatives, blasting contractors, and the public.
3. Discuss future education/training sessions and Grapevine articles.

e) Future Agenda Items

1. Commissioners input on agenda items.
2. Announce the date, time, and location for next meeting (July 12, 2021, at 6pm in City Hall).

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.

**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 is 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, Kat Balbi, posted this Agenda at 5:00 p.m. on March 2, 2021, on the bulletin board located at the entrance to the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas.

  
Kat Balbi  
Assistant City Secretary



**MINUTES**  
**QUARRY COMMISSION REGULAR MEETING**  
MONDAY, JANUARY 11, 2021, 6:00 P.M.

**Commissioners Present:**

Chair Johnell Holly  
Vice-Chair Jerry Barucky  
Commissioner Mike Shands  
Commissioner Albert Haddad  
Commissioner Wayne Mudge  
Commissioner Armando Diaz  
Councilmember Bryan Lantzy, Ex-officio

**Commissioners Absent:**

Vacant Position

**City Staff Present:**

Nancy Cain, City Administrator  
Kat Balbi, Assistant City Secretary

**1. Call to Order**

With a quorum of the Quarry Commissioners present, Chair Holly called the regular meeting of the Garden Ridge Quarry Commission to order at 6:00 p.m. on Monday, January 11, 2021, 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 Holly led the Pledge of Allegiance.

**4. Citizen Comment Period:** No one signed up to speak.

**5. Business Items**

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

**a) Approvals**

**1. Approval of Minutes for November 9, 2020, Quarry Commission Regular Meeting.**

**Motion:** A motion was made by Commissioner Mudge, seconded by Commissioner Shands, to approve the November 9, 2020, Quarry Commission Regular Meeting Minutes. The Commission voted five (5) for and none (0) opposed. The motion carried unanimously.

**b) Discussions/Reports/Updates**

**1. 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.**

David Larner, Vibra-Tech, presented and discussed the November blast analysis. He stated that 9 shots occurred during the month of November and none of the blasts exceeded the limits of Ordinance No. 34. He reported the highest PPV reading of 0.248 occurred on November 12<sup>th</sup> at the Warden Residence and the highest Air Overpressure of 112 dB occurred on November 9<sup>th</sup> at the Warden Residence.

David Larner, Vibra-Tech, presented and discussed the December blast analysis. He stated that 11 shots occurred during the month of December and none of the blasts exceeded the limits of Ordinance No. 34. He reported the highest PPV reading of 0.218 occurred on December 23<sup>rd</sup> at the Warden Residence and the highest Air Overpressure of 115 dB occurred on December 16<sup>th</sup> at the Warden Residence.

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

David Lerner, Vibra-Tech, spoke regarding the 15 citizen blast reports received from November through December and answered questions from the Commission. Nick Reitinger, Vibra-Tech, spoke regarding the process of monitoring blasts and communicating with residents.

Nancy Cain, City Administrator, stated the Quarry Commission could include an educational flyer in the New Resident's packet and on the City's website.

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

The Commission discussed moving the roving locations to places recommended by Vibra-Tech. Nick Reitinger, Vibra-Tech, stated a monitor was placed at Park Lane Park in December and it has received no triggers. He stated the data collected from that monitor will be included in the Quarry Commission presentations.

**4. Items applicable to the Quarry Commission discussed at the January and December City Council Regular Meetings.**

Chair Holly provided the Commission with an update on the items discussed at the December and January City Council Regular Meetings.

**5. Update on Grapevine articles.**

Commissioner Mudge spoke regarding submitting an article for the February Grapevine.

**c) Recommendations**

**1. 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.**

**i. Interview possible candidates for the Quarry Commission Place 7 vacancy (term expiring September 30, 2022).**

The Commission interviewed David Biersner. He spoke regarding his history in Garden Ridge and his qualified background. The Commission discussed the attendance requirements in Ordinance No. 210, which Mr. Biersner stated would not be a concern.

**ii. Make recommendation to City Council for appointment of Commissioner.**

**Motion:** A motion was made by Commissioner Haddad, seconded by Vice-Chair Barucky, to recommend to City Council the appointment of David Biersner to the Quarry Commission Place 7 vacancy with term expiring September 30, 2022. The Commission voted five (5) for and none (0) opposed. The motion carried unanimously.

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

Chair Holly spoke regarding the waiver approved by City Council for the provision in Ordinance No. 210 that requires Commissioners to attend two (2) City Council regular meetings each calendar year during the current public health emergency and stated Commissioners are still encouraged to attend City Council meetings.

**d) Education/Training**

**1. Review "Quarry Terminology".**

Nicholas Reitinger, Vibra-Tech, stated a presentation will be provided at the next meeting.

**2. Discuss "Blasting Educational Materials" with Vibratech, Hanson representatives, blasting contractors, and the public.**

Nicholas Reitinger, Vibra-Tech, presented an updated "Blasting Education Materials" and answered questions from the Commission.

**3. Discuss future education/training sessions.**

The Commission had none at this time.

**e) Future Agenda Items**

**1. Commissioners input for items on upcoming agendas.**

The Commission had none at this time.

**2. Announcement of next Quarry Commission Regular Meeting.**

Chair Holly announced the next Quarry Commission Regular Meeting will be held on Monday, March 8, 2021, at 6:00 p.m. at City Hall.

**6. Citizen Comment Period:** No one wished to speak.

**7. Adjournment**

**Motion:** A motion was made by Vice-Chair Barucky, seconded by Commissioner Shands, to adjourn. The Commission voted five (5) for and none (0) opposed. The motion carried unanimously. There being no further business, the Monday, January 11, 2021, Quarry Commission Regular Meeting was adjourned at 7:38 p.m. by Chair Holly.

ATTEST:

\_\_\_\_\_  
Johnell Holly  
Chair

\_\_\_\_\_  
Kat Balbi  
Assistant City Secretary



February 3, 2021

[VibraTechinc.com](http://VibraTechinc.com)

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

Phone 512.442.6464  
Fax 512.442.6552

Mr. Johnell Holly  
Garden Ridge Quarry Commission  
9400 Municipal Parkway  
Garden Ridge, Texas 78266

Dear Mr. Holly,

Enclosed is the analysis for the blasting conducted during the month of January 2021 at the Hanson Aggregates Quarry in Garden Ridge, Texas. Please place this information in your 2021 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, Johnell Holly at (210) 257-0868, or attend the Quarry Commission meeting held every other month (odd months) at 6:00 PM.



**Vibra-Tech**

[VibraTechinc.com](http://VibraTechinc.com)

Respectfully submitted,

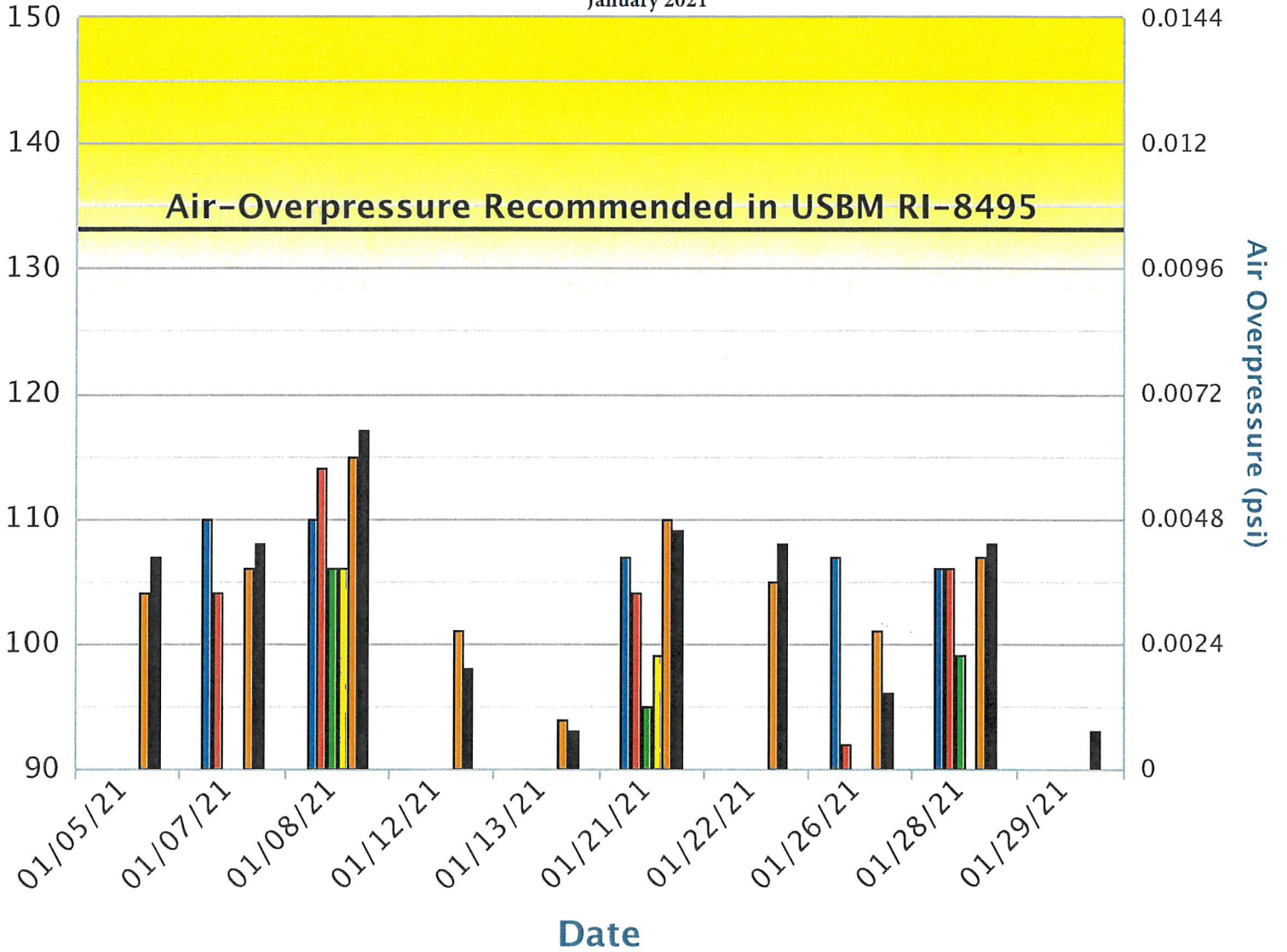
VIBRA-TECH, INC.

Nicholas Reitinger  
Area Manager

cc: Patrick Pieton, Hanson – Servtex

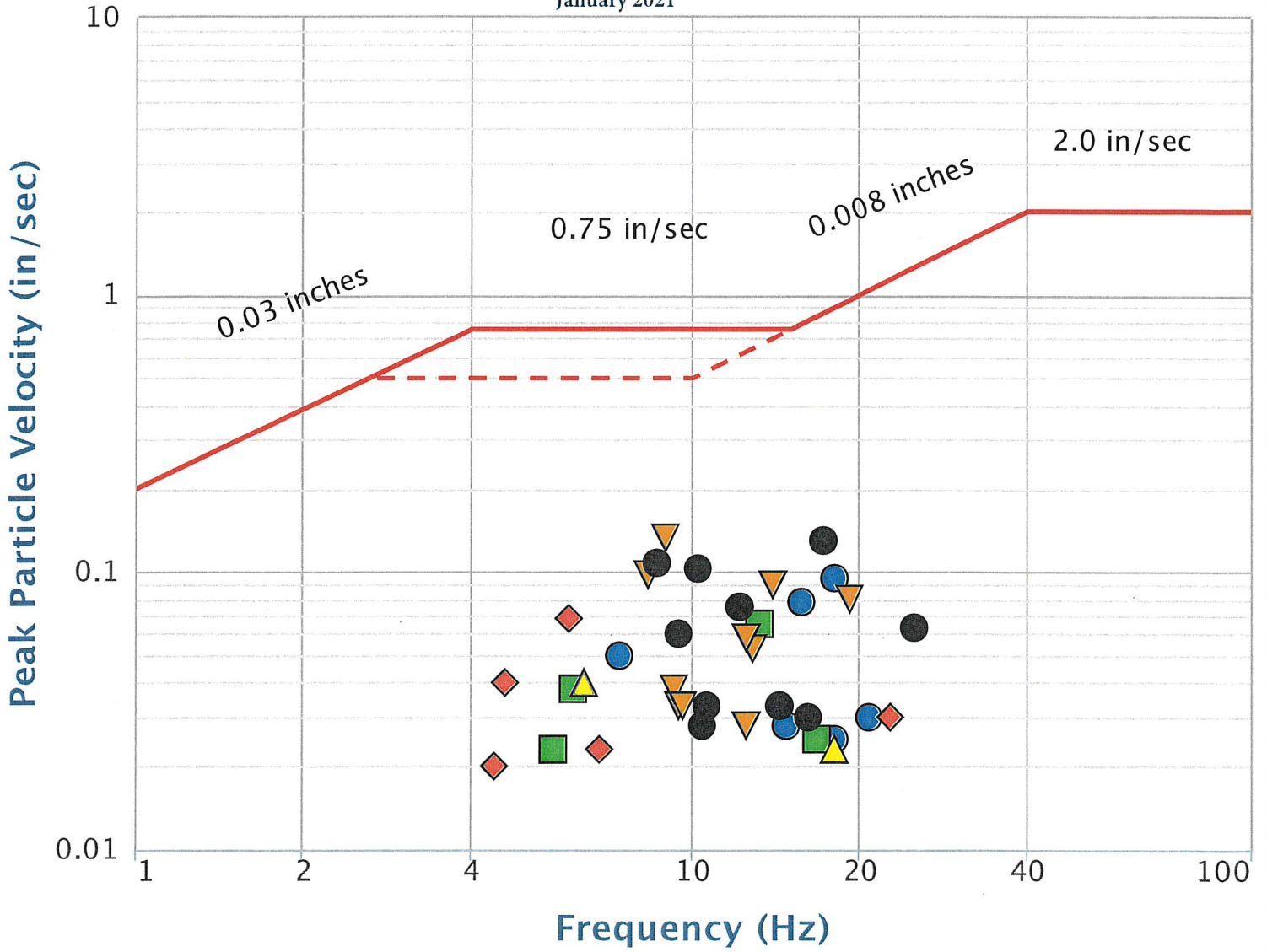


Garden Ridge Quarry Commission  
 Garden Ridge, Texas  
 AO Graph  
 January 2021



- Holly Residence
- City Property Line
- Michels Residence
- Harkins Residence
- Warden Residence
- Warden Prop Line

Garden Ridge Quarry Commission  
 Garden Ridge, Texas  
 USBM Graph  
 January 2021



- Holly Residence
- ◆ City Property Line
- Michels Residence
- ▲ Harkins Residence
- ▼ Warden Residence
- Warden Prop Line

**GARDEN RIDGE QUARRY COMMISSION  
HANSON - SERVTEX QUARRY  
GARDEN RIDGE, TEXAS  
JANUARY 2021**

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
01/05/21	01/05/2021	Upper W. 3F	N 29° 38' 56.46" W 098° 17' 49.20"	PARTLY CLOUDY 63° SW 6	13:22	NT	NT	NT	1232	122.00	3,518	City Property Line
01/05/21	01/05/2021	Upper W. 3F	N 29° 38' 56.46" W 098° 17' 49.20"	PARTLY CLOUDY 63° SW 6	13:22	NT	NT	NT	1232	122.00	3,768	Harkins Residence
01/05/21	01/05/2021	Upper W. 3F	N 29° 38' 56.46" W 098° 17' 49.20"	PARTLY CLOUDY 63° SW 6	13:22	NT	NT	NT	1232	122.00	2,877	Michels - 9118 Tuscan Hills
01/05/21	01/05/2021	Upper W. 3F	N 29° 38' 56.46" W 098° 17' 49.20"	PARTLY CLOUDY 63° SW 6	13:22	0.033	9.4	104	1232	122.00	3,486	Warden - 21375 Gunther Grove
01/05/21	01/05/2021	Upper W. 3F	N 29° 38' 56.46" W 098° 17' 49.20"	PARTLY CLOUDY 63° SW 6	13:22	0.03	16.1	107	1232	122.00	3,237	Warden Property Line
01/07/21	01/07/2021	Base Pit N.W. A	N 29° 38' 24.51" W 098° 17' 5.28"	SUNNY 64° N 21	13:33	0.04	4.6	104	900	357.00	4,299	City Property Line
01/07/21	01/07/2021	Base Pit N.W. A	N 29° 38' 24.51" W 098° 17' 5.28"	SUNNY 64° N 21	13:33	NT	NT	NT	900	357.00	6,707	Harkins Residence
01/07/21	01/07/2021	Base Pit N.W. A	N 29° 38' 24.51" W 098° 17' 5.28"	SUNNY 64° N 21	13:33	0.078	15.6	110	900	357.00	2,089	Holly - 9916 Trophy Oaks
01/07/21	01/07/2021	Base Pit N.W. A	N 29° 38' 24.51" W 098° 17' 5.28"	SUNNY 64° N 21	13:33	0.023	5.6	88	900	357.00	6,964	Michels - 9118 Tuscan Hills
01/07/21	01/07/2021	Base Pit N.W. A	N 29° 38' 24.51" W 098° 17' 5.28"	SUNNY 64° N 21	13:33	0.08	19.2	106	900	357.00	3,062	Warden - 21375 Gunther Grove
01/08/21	01/08/2021	Aggie Pit N. B	N 29° 38' 51.54" W 098° 17' 41.40"	SUNNY 57° NE 8	13:35	0.068	6	114	1050	622.00	3,193	City Property Line
01/08/21	01/08/2021	Aggie Pit N. B	N 29° 38' 51.54" W 098° 17' 41.40"	SUNNY 57° NE 8	13:35	0.04	6.4	106	1050	622.00	4,032	Harkins Residence
01/08/21	01/08/2021	Aggie Pit N. B	N 29° 38' 51.54" W 098° 17' 41.40"	SUNNY 57° NE 8	13:35	0.065	13.2	106	1050	622.00	3,431	Michels - 9118 Tuscan Hills
01/08/21	01/08/2021	Aggie Pit N. B	N 29° 38' 51.54" W 098° 17' 41.40"	SUNNY 57° NE 8	13:35	0.133	8.9	115	1050	622.00	2,895	Warden - 21375 Gunther Grove
01/08/21	01/08/2021	Aggie Pit N. B	N 29° 38' 51.54" W 098° 17' 41.40"	SUNNY 57° NE 8	13:35	0.108	8.6	117	1050	622.00	2,617	Warden Property Line

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

**GARDEN RIDGE QUARRY COMMISSION  
HANSON - SERVTEX QUARRY  
GARDEN RIDGE, TEXAS  
JANUARY 2021**

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
01/12/21	01/12/2021 Pond 4 LVL 1 S.W. A	N 29° 39' 3.15" W 098° 17' 18.45"	SUNNY 50° S 6	13:24	NT	NT	NT	1176	463.00	5,215	City Property Line
01/12/21	01/12/2021 Pond 4 LVL 1 S.W. A	N 29° 39' 3.15" W 098° 17' 18.45"	SUNNY 50° S 6	13:24	NT	NT	NT	1176	463.00	6,370	Harkins Residence
01/12/21	01/12/2021 Pond 4 LVL 1 S.W. A	N 29° 39' 3.15" W 098° 17' 18.45"	SUNNY 50° S 6	13:24	NT	NT	NT	1176	463.00	5,662	Michels - 9118 Tuscan Hills
01/12/21	01/12/2021 Pond 4 LVL 1 S.W. A	N 29° 39' 3.15" W 098° 17' 18.45"	SUNNY 50° S 6	13:24	0.053	12.8	101	1176	463.00	4,490	Warden - 21375 Gunther Grove
01/12/21	01/12/2021 Pond 4 LVL 1 S.W. A	N 29° 39' 3.15" W 098° 17' 18.45"	SUNNY 50° S 6	13:24	0.06	9.4	98	1176	463.00	4,188	Warden Property Line
01/13/21	01/13/2021 Upper W. 3I	N 29° 39' 1.12" W 098° 17' 49.95"	SUNNY 64° SW 6	13:24	NT	NT	NT	976	55.00	3,980	City Property Line
01/13/21	01/13/2021 Upper W. 3I	N 29° 39' 1.12" W 098° 17' 49.95"	SUNNY 64° SW 6	13:24	NT	NT	NT	976	55.00	4,055	Harkins Residence
01/13/21	01/13/2021 Upper W. 3I	N 29° 39' 1.12" W 098° 17' 49.95"	SUNNY 64° SW 6	13:24	NT	NT	NT	976	55.00	3,009	Michels - 9118 Tuscan Hills
01/13/21	01/13/2021 Upper W. 3I	N 29° 39' 1.12" W 098° 17' 49.95"	SUNNY 64° SW 6	13:24	0.028	12.5	94.0	976	55.00	3,961	Warden - 21375 Gunther Grove
01/13/21	01/13/2021 Upper W. 3I	N 29° 39' 1.12" W 098° 17' 49.95"	SUNNY 64° SW 6	13:24	0.028	10.4	93.0	976	55.00	3,710	Warden Property Line
01/21/21	01/21/2021 Aggie Pit W. B	N 29° 38' 47.32" W 098° 17' 43.45"	OVERCAST 65° SW 9	11:42	0.030	22.7	104.0	1152	666.00	2,729	City Property Line
01/21/21	01/21/2021 Aggie Pit W. B	N 29° 38' 47.32" W 098° 17' 43.45"	OVERCAST 65° SW 9	11:42	0.023	17.9	99.0	1152	666.00	3,672	Harkins Residence
01/21/21	01/21/2021 Aggie Pit W. B	N 29° 38' 47.32" W 098° 17' 43.45"	OVERCAST 65° SW 9	11:42	0.038	6.1	95.0	1152	666.00	3,219	Michels - 9118 Tuscan Hills
01/21/21	01/21/2021 Aggie Pit W. B	N 29° 38' 47.32" W 098° 17' 43.45"	OVERCAST 65° SW 9	11:42	0.098	8.3	110.0	1152	666.00	2,483	Warden - 21375 Gunther Grove
01/21/21	01/21/2021 Aggie Pit W. B	N 29° 38' 47.32" W 098° 17' 43.45"	OVERCAST 65° SW 9	11:42	0.130	17.2	109.0	1152	666.00	2,217	Warden Property Line

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

**GARDEN RIDGE QUARRY COMMISSION  
HANSON - SERVTEX QUARRY  
GARDEN RIDGE, TEXAS  
JANUARY 2021**

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
01/22/21	01/22/2021 Lower W. Wall H	N 29° 38' 57.98" W 098° 17' 44.90"	PARTLY CLOUDY 73° Light & Variable 5	13:14	NT	NT	NT	1004	130.00	3,733	City Property Line
01/22/21	01/22/2021 Lower W. Wall H	N 29° 38' 57.98" W 098° 17' 44.90"	PARTLY CLOUDY 73° Light & Variable 5	13:14	NT	NT	NT	1004	130.00	4,155	Harkins Residence
01/22/21	01/22/2021 Lower W. Wall H	N 29° 38' 57.98" W 098° 17' 44.90"	PARTLY CLOUDY 73° Light & Variable 5	13:14	NT	NT	NT	1004	130.00	3,285	Michels - 9118 Tuscan Hills
01/22/21	01/22/2021 Lower W. Wall H	N 29° 38' 57.98" W 098° 17' 44.90"	PARTLY CLOUDY 73° Light & Variable 5	13:14	0.038	9.3	105.0	1004	130.00	3,571	Warden - 21375 Gunther Grove
01/22/21	01/22/2021 Lower W. Wall H	N 29° 38' 57.98" W 098° 17' 44.90"	PARTLY CLOUDY 73° Light & Variable 5	13:14	0.033	10.6	108.0	1004	130.00	3,304	Warden Property Line
01/26/21	01/26/2021 Base Pit N. A	N 29° 38' 22.57" W 098° 17' 9.31"	SUNNY 77° SE 10	13:17	0.020	4.4	92.0	1280	259.00	3,937	City Property Line
01/26/21	01/26/2021 Base Pit N. A	N 29° 38' 22.57" W 098° 17' 9.31"	SUNNY 77° SE 10	13:17	NT	NT	NT	1280	259.00	6,380	Harkins Residence
01/26/21	01/26/2021 Base Pit N. A	N 29° 38' 22.57" W 098° 17' 9.31"	SUNNY 77° SE 10	13:17	0.095	17.9	107.0	1280	259.00	1,684	Holly - 9916 Trophy Oaks
01/26/21	01/26/2021 Base Pit N. A	N 29° 38' 22.57" W 098° 17' 9.31"	SUNNY 77° SE 10	13:17	NT	NT	NT	1280	259.00	6,700	Michels - 9118 Tuscan Hills
01/26/21	01/26/2021 Base Pit N. A	N 29° 38' 22.57" W 098° 17' 9.31"	SUNNY 77° SE 10	13:17	0.090	13.9	101.0	1280	259.00	2,703	Warden - 21375 Gunther Grove
01/28/21	01/28/2021 Pond 4 Level 1 N. A	N 29° 39' 1.12" W 098° 17' 20.13"	PARTLY CLOUDY 55° E 9	14:00	0.023	6.8	106.0	1020	361.00	4,961	City Property Line
01/28/21	01/28/2021 Pond 4 Level 1 N. A	N 29° 39' 1.12" W 098° 17' 20.13"	PARTLY CLOUDY 55° E 9	14:00	NT	NT	NT	1020	361.00	6,140	Harkins Residence

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

**GARDEN RIDGE QUARRY COMMISSION  
HANSON - SERVTEX QUARRY  
GARDEN RIDGE, TEXAS  
JANUARY 2021**

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
01/28/21	01/28/2021 Pond 4 Level 1 N. A	N 29° 39' 1.12" W 098° 17' 20.13"	PARTLY CLOUDY 55° E 9	14:00	0.025	16.7	99.0	1020	361.00	5,463	Michels - 9118 Tuscan Hills
01/28/21	01/28/2021 Pond 4 Level 1 N. A	N 29° 39' 1.12" W 098° 17' 20.13"	PARTLY CLOUDY 55° E 9	14:00	0.058	12.5	107.0	1020	361.00	4,241	Warden - 21375 Gunther Grove
01/28/21	01/28/2021 Pond 4 Level 1 N. A	N 29° 39' 1.12" W 098° 17' 20.13"	PARTLY CLOUDY 55° E 9	14:00	0.063	25.0	108.0	1020	361.00	3,939	Warden Property Line
01/29/21	01/29/2021 Upper W. 3H	N 29° 38' 59.19" W 098° 17' 49.78"	SUNNY 58° SW 10	13:31	NT	NT	NT	1160	82.00	3,787	City Property Line
01/29/21	01/29/2021 Upper W. 3H	N 29° 38' 59.19" W 098° 17' 49.78"	SUNNY 58° SW 10	13:31	NT	NT	NT	1160	82.00	3,923	Harkins Residence
01/29/21	01/29/2021 Upper W. 3H	N 29° 38' 59.19" W 098° 17' 49.78"	SUNNY 58° SW 10	13:31	NT	NT	NT	1160	82.00	2,934	Michels - 9118 Tuscan Hills
01/29/21	01/29/2021 Upper W. 3H	N 29° 38' 59.19" W 098° 17' 49.78"	SUNNY 58° SW 10	13:31	0.033	9.6	90.0	1160	82.00	3,767	Warden - 21375 Gunther Grove
01/29/21	01/29/2021 Upper W. 3H	N 29° 38' 59.19" W 098° 17' 49.78"	SUNNY 58° SW 10	13:31	0.033	14.3	93.0	1160	82.00	3,517	Warden Property Line

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 VibraTech
2021-1Q	January	1/8/2021	1:42pm	1/8/2021	Janet Hayslip	8318 Garden Arbor	408-839-8650	5	1	3300	Yes	These blasts are getting stronger and last longer. What is going on??? They are also becoming more frequent. Entire house shook and rumbled. I could hear the windows shake. Caused my sleeping pup to wake up and bark.	1/8/2021
2021-2Q	January	1/8/2021	1:42pm	1/8/2021	William Harkins	21403 Liguria Drive	281-705-6596	5	1	3200	Yes	At the indicated time the house shook excessively and created additional cracks and separation	1/8/2021
2021-3Q	January	1/8/2021	1:42pm	1/8/2021	Karen Diaz	21010 Gunther Grove	210-843-2946	4	1	2800	No	This blast sent 2 separate waves through the house. In addition, a family member was outside on the drive way at their vehicle and they felt the the blast.	1/8/2021
2021-4Q	January	1/8/2021	1:35pm	1/12/2021	Shane Thomas	21648 Valley Park	210-473-5058	5	1	3040	Yes	One huge blast that shook pictures on the walls of my home. I heard my glass rattle in my kitchen cupbaord. My 3 year old home has developed cracks in several rooms.	1/12/2021
2021-5Q	January	1/8/2021	1:35pm	1/23/2021	Ilona Thomas	21659 Valley Park	210-639-4767	5	1	2600	Yes	Loud. Shook the enitre house.	1/23/2021
2021-6Q	January	1/21/2021	11:42pm	1/23/2021	Ilona Thomas	21659 Valley Park	210-639-4767	5+	1	2600	Yes	Loud boom. My house shook. This is getting ridiculous.	1/23/2021
2021-7Q	January	1/21/2021	11:42am	1/25/2021	Shane Thomas	21648 Valley Park		5	1	3040	Yes	Shook the house again. Unbelievable. I will send pictures of our 2 years old home that has cracks in the inside walls of our home.	1/26/2021
2021-8Q	January	1/28/2021	2:00pm	1/28/2021	Valinda McAlister-Bacon	21260 Forest Waters	210-422-2880	4	2	4400	No	On a Zoom call with a major whole house shake. Foundation inspection tomorrow.	1/28/2021
2021-9Q	February	2/3/2021	1:20pm	2/3/2021	Tara Kelley	9506 Sumac Circle	210-478-2570	5	1 1/2	2600	No	Very large blast, at least 3 seconds of shaking.	2/3/2021
2021-10Q	February	2/3/2021	1:20pm	2/3/2021	Valinda McAlister	21260 Forest Waters	210-422-2880	4	2	4400	Yes	Shook the whole house. The breezeway of our 1985 home has begun to separate from the home. I can't but wonder if the blasting has caused the foundation issues. Olshan has already proposed a repair, but they RARELY v do any work in Garden Ridge due to soils.	2/3/2021
2021-11Q	February	2/24/2021	1:25pm	2/24/2021	Janet Hayslip	8318 Garden Arbor	408-839-8650	5	1	3300	No	The entire house shook and rumbled.	2/24/2021
2021-12Q	February	2/24/2021	1:20pm	2/24/2021	Armando Diaz	21010 Gunther Grove	210-721-0112	5	1	2800	No	The effect of the blast lasted about three seconds. House walls shook and felt vibration through the floor	2/24/2021
2021-13Q	February	2/24/2021	1:17pm	2/27/2021	William Harkins	21403 Liguria Drive	281-705-6596	5	1	3200	No	An extended event that shook windows and glass	2/27/2021
2021-14Q	February	2/28/2021	Overnight	2/28/2021	Russ Hayslip	8318 Garden Arbor	408-839-8650	5	1	3300	Yes	There are new noises that are consistent with what we believe are coming from the quarry. Sound is non-stop and espcially disruptful at night when trying to sleep. It is a constant hum/rumbling sound with peaks of increased intensity.	2/28/2021

Print

**Citizen Quarry Blast Impact Report - Submission #2559**

Date Submitted: 1/8/2021

First Name

Jan

Last Name

Hayslip

Report Date

mm/dd/yyyy

Phone Number:

408 839 8650

E-Mail Address

[Redacted]

Address1

8318 Garden Arbor

Blast Date/Time:

1/8/21 1:42p

Please describe the event.

These blasts are getting stronger and last longer. What is going on???  
They are also becoming more frequent.  
  
Entire house shook and rumbled. I could hear the windows shake. Caused my sleeping pup to wake up and bark.

How did this blast compare to other blasts?

Each blast seems more severe than the previous

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?

working in home office

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

North/northwest

What is the approximate square footage of your home?

3300

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

1 story

Would you like a Quarry Representative 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 6:00 PM in the City Council Chambers in City Hall.

Print

**Citizen Quarry Blast Impact Report - Submission #2560**

Date Submitted: 1/8/2021

First Name

William

Last Name

Harkins

Report Date

1/8/2021

Phone Number:

2817056596

E-Mail Address

[REDACTED]

Address1

21403 Liguria Drive

Blast Date/Time:

1/08/2021 1:35PM

Please describe the event.

At the indicated time the house shook excessively and created additional cracks and separation

How did this blast compare to other blasts?

This blast was a severe or more than previous ones. I have a quarry installed vibration monitor for proffo of this lease provide the magnituded of this blast for future use.

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?

Working on computer

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

East

What is the approximate square footage of your home?

3200

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

1 story

Would you like a Quarry Representative 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 6:00 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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### Citizen Quarry Blast Impact Report - Submission #2561

---

Date Submitted: 1/8/2021

First Name

Karen

Last Name

Diaz

Report Date

1/8/2021

Phone Number:

2108432946

E-Mail Address

[REDACTED]

Address1

21010 Gunther Grove

Blast Date/Time:

01--8-21/ 1:35 PM

Please describe the event.

This blast sent 2 separate waves through the house. In addition, a family member was outside on the drive way at their vehicle and they felt the the blast.

How did this blast compare to other blasts?

I haven't submitted a blast form in a while, so for me to do so, this blast was significant.

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

4

What was your activity at the time of blast?

I was cleaning house at the time.

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 story

Would you like a Quarry Representative 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.

**CITY OF GARDEN RIDGE**  
**CITIZEN QUARRY BLAST IMPACT REPORT**

Tracking Number:  
2021-4Q

Name: Shane Thomas Report Date: 1-21-21  
Address: 21648 Valley Park E-Mail Address: [REDACTED]  
Phone: \_\_\_\_\_ Blast Date/Time: 1-21-21 11:42 am

Please describe the event.

Shook the house AGAIN! Unbelievable!

I will send pictures of our 2 year old home that has cracks in the inside walls of our home.

How did this blast compare to other blasts? \_\_\_\_\_

Strong

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? A cleaning home

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

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? 3040

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 every other month at 6:00 PM in the Municipal Courtroom.*

Please complete the form and print it, then submit the completed report(s) to the City Hall or to [citysecretary@ci.garden-ridge.tx.us](mailto:citysecretary@ci.garden-ridge.tx.us). Thank you for submitting the form.

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

Print

## Citizen Quarry Blast Impact Report - Submission #2607

---

Date Submitted: 1/23/2021

First Name

Ilona

Last Name

Thomas

Report Date

1/8/2021

Phone Number:

(210) 639-4767

E-Mail Address

Address1

21659 Valley Park Drive, Garden Ridge, Tx. 78266

Blast Date/Time:

1:35pm

Please describe the event.

Loud. Shook the entire house.

How did this blast compare to other blasts?

Blasts seem to be getting more frequent and more intense.

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?

Working in my office

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

NW

What is the approximate square footage of your home?

2600

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

1

Would you like a Quarry Representative 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 6:00 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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### Citizen Quarry Blast Impact Report - Submission #2608

---

Date Submitted: 1/23/2021

First Name

Ilona

Last Name

Thomas

Report Date

1/21/2021

Phone Number:

(210) 639-4767

E-Mail Address

[REDACTED]

Address1

21659 Valley Park Drive, Garden Ridge, Tx. 78266

Blast Date/Time:

1/21/21. 11.42pm

Please describe the event.

Loud Boom. My house shook. This is getting ridiculous!

How did this blast compare to other blasts?

Worse than all the rest.

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?

Working around the house.

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

NW

What is the approximate square footage of your home?

2600

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

1

Would you like a Quarry Representative 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 6:00 PM in the City Council Chambers in City Hall.

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

CITY OF GARDEN RIDGE  
CITIZEN QUARRY BLAST IMPACT REPORT

Tracking Number:  
2021-7Q

Name: Shane Thomas Report Date: 11-21-21  
Address: 21648 Valley Park E-Mail Address: [REDACTED]  
Phone: \_\_\_\_\_ Blast Date/Time: 11-21-21 11:42 am

Please describe the event.

Shook the house AGAIN! Unbelievable!

I will send pictures of our 2 year old home that has cracks in the inside walls of our home.

How did this blast compare to other blasts?

Strong

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?

A cleaning home

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

S

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?

3040

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 every other month at 6:00 PM in the Municipal Courtroom.*

Please complete the form and print it, then submit the completed report(s) to the City Hall or to [citysecretary@ci.garden-ridge.tx.us](mailto:citysecretary@ci.garden-ridge.tx.us). Thank you for submitting the form.

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

Print

### Citizen Quarry Blast Impact Report - Submission #2617

---

Date Submitted: 1/28/2021

First Name

Valinda

Last Name

McAlister-Bacon

Report Date

1/28/2021

Phone Number:

210.422.2880

E-Mail Address

[REDACTED]

Address1

21260 Forest Waters Circle

Blast Date/Time:

1/28 2PM

Please describe the event.

On a Zoom call with a major whole house shake.

.

Foundation Inspection tomorrow.

How did this blast compare to other blasts?

About the same as the last several blasts.

There is definitely a difference.

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

4

What was your activity at the time of blast?

Phone

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

South

What is the approximate square footage of your home?

4400

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

2

Would you like a Quarry Representative 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.**

Print

### Citizen Quarry Blast Impact Report - Submission #2643

---

Date Submitted: 2/3/2021

First Name

Tara

Last Name

Kelley

Report Date

2/3/2021

Phone Number:

2104782570

E-Mail Address

[REDACTED]

Address1

9506 Sumac Cir

Blast Date/Time:

1:20

Please describe the event.

Very large blast, at least 3 seconds of shaking

How did this blast compare to other blasts?

Larger than most

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?

Meeting

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

NW

What is the approximate square footage of your home?

2600

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

1 1/2

Would you like a Quarry Representative to contact you regarding your report?\*

No

We encourage you to attend the next meeting of the Quarry Commission.

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

Print

**Citizen Quarry Blast Impact Report - Submission #2644**

Date Submitted: 2/3/2021

First Name

Valinda

Last Name

McAlister

Report Date

2/3/2021

Phone Number:

2104222880

E-Mail Address

[REDACTED]

Address1

21260 Forest Waters Cir

Blast Date/Time:

1:20pm

Please describe the event.

Shook the whole house. The breezeway of our 1985 home has begun to separate from the home. I can't but wonder if the blasting has caused the foundation issues. Olshan has already proposed a repair, but they RARELY v do any work in Garden Ridge due to soils.

How did this blast compare to other blasts?

Very Strong.

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?

Talking

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

S

What is the approximate square footage of your home?

4400

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

2

Would you like a Quarry Representative to contact you regarding your report?\*

Yes

We encourage you to attend the next meeting of the Quarry Commission.

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

**Citizen Quarry Blast Impact Report - Submission #2673**

Date Submitted: 2/24/2021

First Name

Jan

Last Name

Hayslip

Report Date

2/24/2021

Phone Number:

408 839 8650

E-Mail Address

[Redacted]

Address1

8318 Garden Arbor

Blast Date/Time:

2/24/21 at 1:25p

Please describe the event.

The entire house shook and rumbled

How did this blast compare to other blasts?

They get stronger and stronger and last longer

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 lunch

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

North/northwest

What is the approximate square footage of your home?

3300

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

1 story

Would you like a Quarry Representative to contact you regarding your report?\*

No

We encourage you to attend the next meeting of the Quarry Commission.

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

**Citizen Quarry Blast Impact Report - Submission #2674**

Date Submitted: 2/24/2021

First Name

Armando

Last Name

Diaz

Report Date

2/24/2021

Phone Number:

2107210112

E-Mail Address

[REDACTED]

Address1

21010 Gunther Grove

Blast Date/Time:

02/24/2021 - 1:20

Please describe the event.

The effect of the blast lasted about three seconds. House walls shook and felt vibration through the floor

How did this blast compare to other blasts?

Significant in magnitude. Though I worked from home in quite a while, I haven't felt a blast this strong. Can't wait to see the blast report.

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?

Computer work in the dining room

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 Representative 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.

### Citizen Quarry Blast Impact Report - Submission #2678

Date Submitted: 2/27/2021

First Name

William

Last Name

Harkins

Report Date

2/27/2021

Phone Number:

2817056596

E-Mail Address

[Redacted]

Address1

21403 Liguria Drive

Blast Date/Time:

2/24/2021 13:17

Please describe the event.

An extended event that shook windows and glass

How did this blast compare to other blasts?

About as severe as others I have reported

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?

Working

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

East

What is the approximate square footage of your home?

3200

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

1 story

Would you like a Quarry Representative 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.

### Citizen Quarry Blast Impact Report - Submission #2681

Date Submitted: 3/1/2021

First Name

Russ

Last Name

Hayslip

Report Date

2/28/2021

Phone Number:

408 605 6905

E-Mail Address

[REDACTED]

Address1

8318 Garden Arbor

Blast Date/Time:

overnight 2/28/21

Please describe the event.

There are new noises that are consistent with what we believe are coming from the quarry. Sound is non-stop and especially disruptive at night when trying to sleep. It is a constant hum/rumbling sound with peaks of increased intensity.

How did this blast compare to other blasts?

This is recent and is affecting my ability to sleep.

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?

trying to sleep

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

North/northwest

What is the approximate square footage of your home?

3300

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

1 story

Would you like a Quarry Representative 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 6:00 PM in the City Council Chambers in City Hall.

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

## Assistant City Secretary

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**From:** albert haddad [REDACTED]  
**Sent:** Monday, January 11, 2021 8:43 PM  
**To:** Assistant City Secretary  
**Cc:** City Administrator  
**Subject:** Re: FW: [EXTERNAL] Hanson Servtex Garden Ridge 01-07-2021 Base Pit Northwest A

Kat,

Thank you so much for your fabulous organizing abilities! I am Hereby recommending you for a raise!

I really appreciate you sending my certificates of completion of the open meeting courses that are required by the the City fir the quarry commission. If I can assist in any other way, please let me know. Also, I am copying Nancy that I hope what you and I discussed about the Courses is what Nancy wanted to talk to me about.

If you all have another volunteer for the Quarry commission, I will gladly submit my resignation when you have one.

Nancy, please let me know if I can do anything for the City.

Respectfully,

Albert

Albert Haddad, Commercial Real Estate & Finance Advisor

(210) 216-0166  
[REDACTED]

Spectrum Lenders, LLC, Managing Member  
IHS, LLC Asset Manager

The information contained herein is from sources deemed reliable, but is not warranted. If this email is received in error, please destroy and notify us of error. Thank you. Albert Haddad, Principal

On Thu, Jan 7, 2021 at 3:09 PM Assistant City Secretary <[Asstcitysecretary@ci.garden-ridge.tx.us](mailto:Asstcitysecretary@ci.garden-ridge.tx.us)> wrote:

[REDACTED]

Print

City Commission Volunteer Interest Form - Submission #2229

Date Submitted: 8/5/2020



## City of Garden Ridge

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

### City Commission Volunteer Interest Form

**First Name\***

Gary

**Last Name**

Dellinger

**Address\***

9040 Sumac Cove

**Phone Number**

2105400790

**Email Address**

**Date of Birth\***

11/25/1967

**Voter Unique Identifier (VUID)**

**Qualifications from Ordinance No. 210\***

Please check all the boxes that apply to you.

- A registered voter in Garden Ridge, TX
- Has resided in the City for at least six (6) months
- Has not been convicted of a felony
- Has not been found mentally incompetent by a final judgment of a court

## Occupation

North American Product Line Manager

### Please check which of the following Commission you have a desire to serve on:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Planning and Zoning Commission | <input checked="" type="checkbox"/> Wildlife Management Advisory Commission |
| <input checked="" type="checkbox"/> Quarry Commission              | <input type="checkbox"/> Any City Commission                                |
| <input checked="" type="checkbox"/> Water Commission               |   |

### Tell us why you desire to serve on a City Commission.

To better serve the citizens of my city and be more aware of current and upcoming activities.

### List any Boards, Commissions or Committees you have previously served on in Garden Ridge or other entities.

Forest Waters Secretary; Forest Waters President

### Please attach your resume or a bio.\*

Dellinger\_Gary Resume V2.2.pdf

### Date

8/5/2020

**A resume or a bio is required to be submitted with Volunteer Interest Form.**

# GARY DELLINGER

9040 Sumac Cove  
Garden Ridge, TX 78266

210.540.0790

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## MANAGEMENT ○ TECHNICAL SALES ○ BUSINESS DEVELOPMENT ○ OPERATIONS

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### *Competencies*

- BUSINESS ANALYTICS
- PROFIT AND LOSS
- PEOPLE MANAGEMENT
- SOLUTION PROVIDER
- PRODUCT AND MARKET STRATEGY
- TECHNICAL TRAINING AND DEVELOPMENT
- INVENTORY AND ASSET OPTIMIZATION
- TEAM BUILDING & LEADERSHIP

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### *Highlights & Selective Achievements*

- Strategic leader of 2 separate corporate initiatives reducing spend and increasing profitability
- Inventor of method for developing AlphaST® Single Trip Openhole Sidetrack System (patent pending)
- Successfully turned around failing business in depressed market
- Incorporated multiple disciplines changing mindsets re-branding business in Permian
- Initiated and managed 2 separate training efforts expanding talent pool and promoting from within
- Over 700 successful casing exits completed
- Trained several hundred Weatherford employees in best practices of cutting, fishing and milling

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### *Career History*

#### **Weatherford, US GeoZone Service Delivery Manager, ISDT/WH, 04/2018 – Present**

First ever Service Delivery Manager for these product lines.

- ◇ Responsible for providing leadership through the CPAR process.
- ◇ Developed and managed a team of highly skilled technical specialists.
- ◇ Personally assessed assets at each of 24 locations to maximize utilization through redeployment.
- ◇ Standardized product line pay structure across the region.

#### **Weatherford, Pearland TX, Operations Manager, Drilling Tools and Intervention, 10/2017 – 04/2018**

Brought into struggling business location to turn it around. Tripled revenue (\$396K -\$990K), vastly increased EBITDA (-62.8% to +46.6%)

- ◇ Responsible for setting budgetary targets for revenue, profit and costs for Drilling Rental Tools, Fishing Services, Casing Exit Products.
- ◇ Quickly identified several areas of weakness in the overall business and took steps to improve systems and processes.
- ◇ Took a culture of apathy toward business process and turned it into one of understanding and action to improve the profitability.
- ◇ Developed a team of highly dedicated and motivated individuals.

#### **Weatherford, Texas Area, Product Line Manager, Fishing and Re-Entry, 11/2016 – 10/2017**

Promoted to managing the busiest area within the US region.

- ◇ Promoted and enforced "Safety First – Safety Always" culture in area.
- ◇ Assisted in the global development of a standardized fishing job report.
- ◇ Instituted mentor-based fishing training in Permian area (mini Fast-Track.)
- ◇ Changed local management which, in time, translated to ~15% EBITDA increase.
- ◇ Promoted strict adherence Process and Procedure.
- ◇ Worked side-by-side with Permian sales to rebuild brand in area.

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### **Weatherford, Texas Area, Fishing Manager, 10/2013 – 11/2016**

Promoted from field operations.

- ◇ Managed Fishing operations in the Eagleford area.
- ◇ Supervised and directed the activities of, as well as mentor, 10 Fishing Tool Supervisors.
- ◇ Assisted and directed Open and Cased Hole operations in challenging vertical and horizontal conditions in Onshore and Offshore locations.
- ◇ Maintained excellent customer relations through technical expertise.

### **Weatherford, Wilburton OK, Corpus Christi TX, Wellsite Supervisor, 04/2008 – 10/2013**

Provided expert level wellsite supervision for customers throughout the Mid-Continent Area.

- ◇ Supervised down-hole operations, as well as onsite operations for customers, as needed and directed.
- ◇ Supervised and directed open hole / cased hole fishing and re-entry operations in vertical and horizontal conditions.
- ◇ Maintained detailed, high level, records (BHA, Pipe tally, Jar analysis, Job reporting, etc.)

### **Weatherford, Houston TX/OKC OK, Technical Specialist, US Region, 2003 – 2008**

Provided technical expertise and management for product line growth.

- ◇ Liaised between field supervisors and engineering on design and development of down hole tools.
- ◇ Prepared written procedures for various types of down hole tools and assist with sales and marketing of tools.
- ◇ Coordinated and managed collaboration between customers and supervisors before, during and after high profile jobs.
- ◇ Managed adequate inventories for growing the US Casing Exit market.
- ◇ Responsible for investigating and providing closure of issues relating to problem jobs.

### **Weatherford, Houston TX, Global Field / Classroom Trainer, 1998 - 2003**

Trained hundreds of employees in the best practices and procedures of fishing and milling techniques.

- ◇ Assisted in the design and development of a vast array of fishing and milling tools (TripSaver® and QuickCut® Casing Exit Systems.)
- ◇ Introduced new tools to various parts of the world, supervised and performed ultra-high-profile jobs in Onshore and Offshore locations
- ◇ Trained individuals on new and prototype tools, in both field and classroom settings. Wrote and published procedures on new tools.
- ◇ Designed, developed and delivered a Dispatcher training course to hundreds of Weatherford employees.

### **Weatherford, Liberal KS, Fishing Tool Supervisor, 1995 - 1998**

Provided downhole fishing and milling services in vertical and horizontal applications.

- ◇ Supervised down hole fishing / milling operations and services.
- ◇ Trained individuals on fishing and milling best practices.
- ◇ Interacted one on one with customer representatives and fostered those relationships.
- ◇ Provided and maintained detailed documentation regarding well information.

### **Weatherford, Wilburton OK, Shophand/Dispatcher/Shop Foreman, 1990 - 1995**

- ◇ Fortified and fostered a "Safety First – Safety Always" culture.
- ◇ Prepared tools / jobs for dispatch to customer location.
- ◇ Prepared all necessary paperwork for tools / jobs being shipped to customer locations.
- ◇ Supervised all aspects of Fishing and Rental shop functions.

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## ***Education & Specialized Training***

- **Eastern Oklahoma State College (2 years)**
- **University of Oklahoma – Train the Trainer Certification**
- **Weatherford Management Development**
- **Weatherford Team Development**
- **Weatherford Financial Training**
- **Weatherford TapRoot®**

# DRAFT AS OF 01/13/2020 MEETING

- The following presentation is for review and input by Quarry Commission. The related agenda item can be carried forward to the next agenda to allow the Commission ample opportunity to review, discussion and make recommendations.



# Blasting Educational Materials

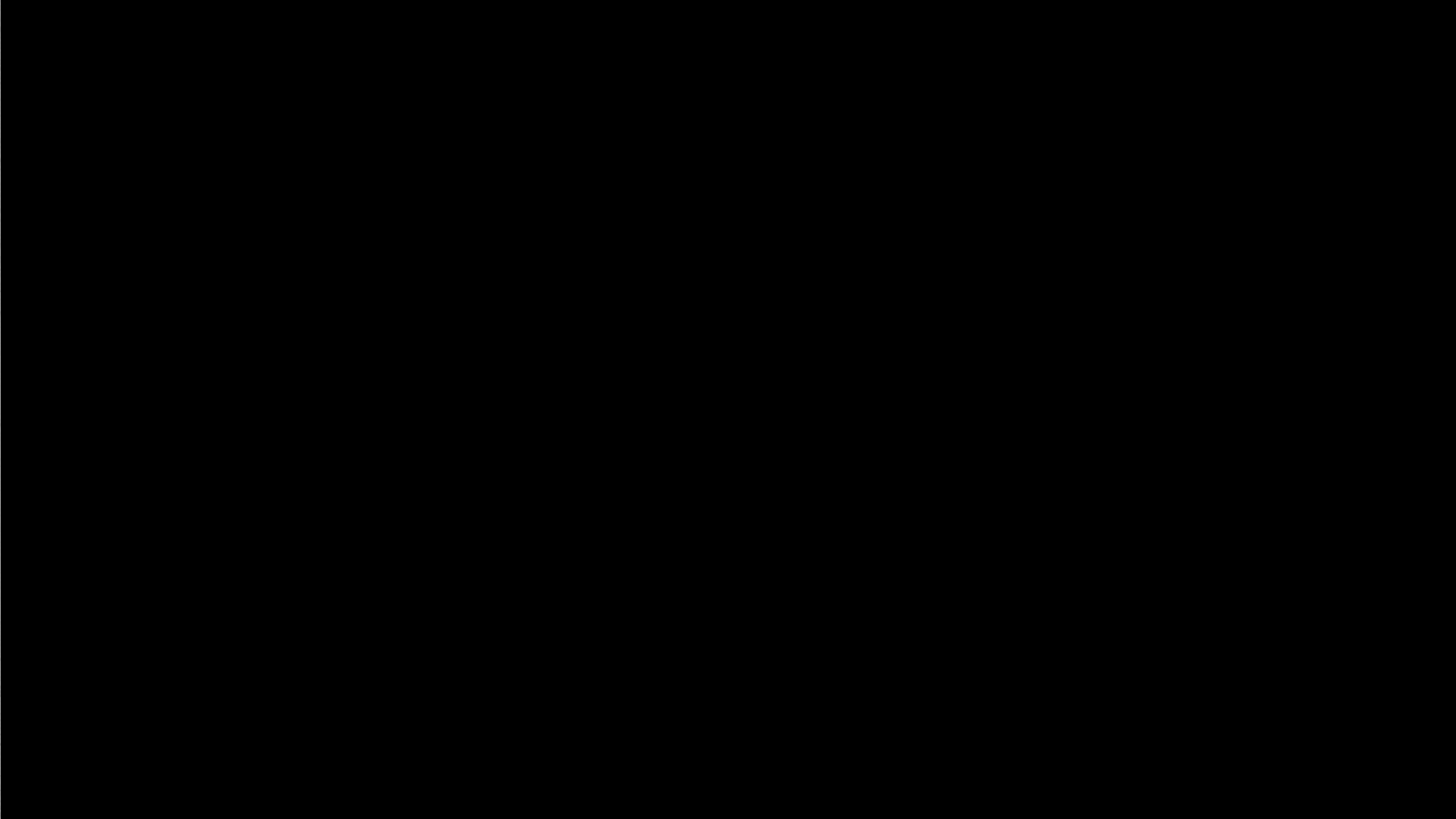
City of Garden Ridge, TX





# ISEE Video - Understanding Vibrations from Blasting

Note: Please  
double click  
the video  
player to play  
(22 minute  
video)

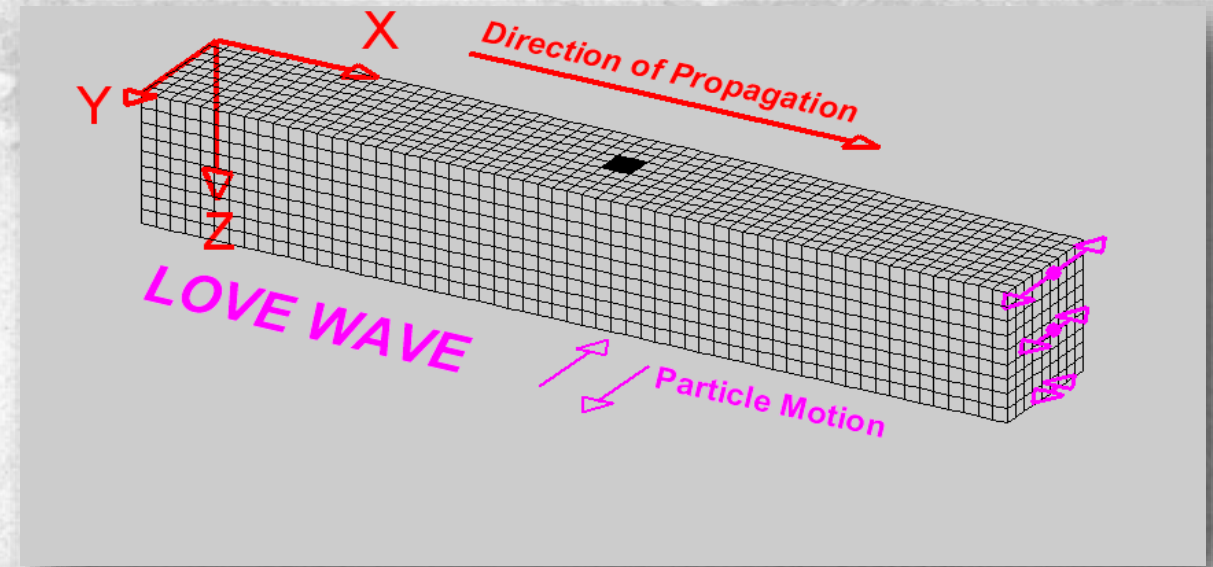
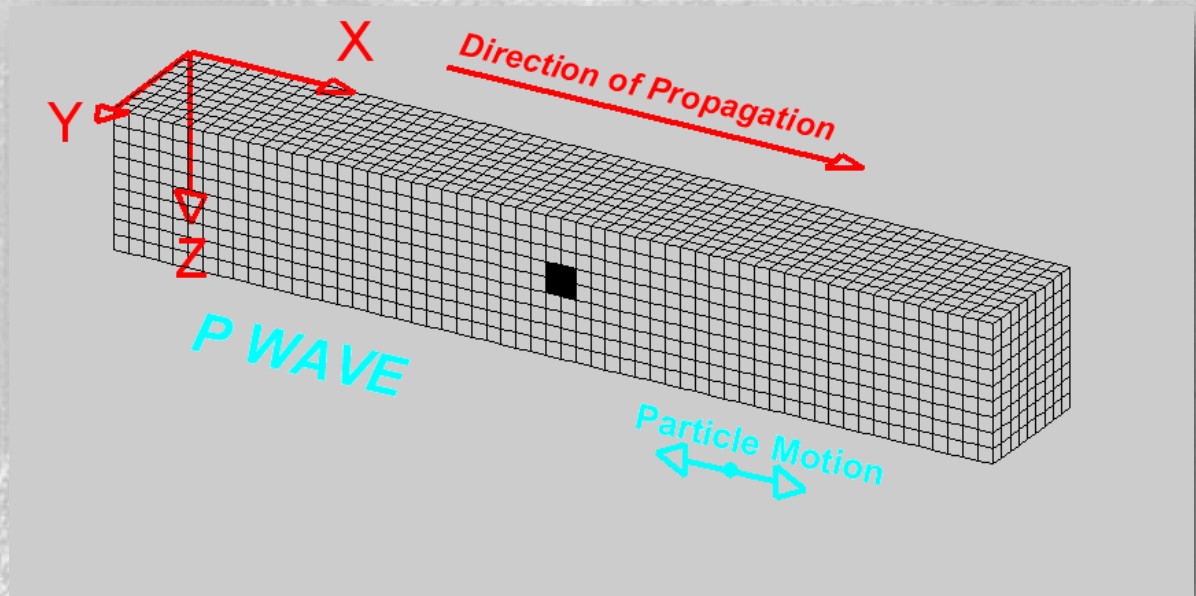


# Why do I feel the Blasting?

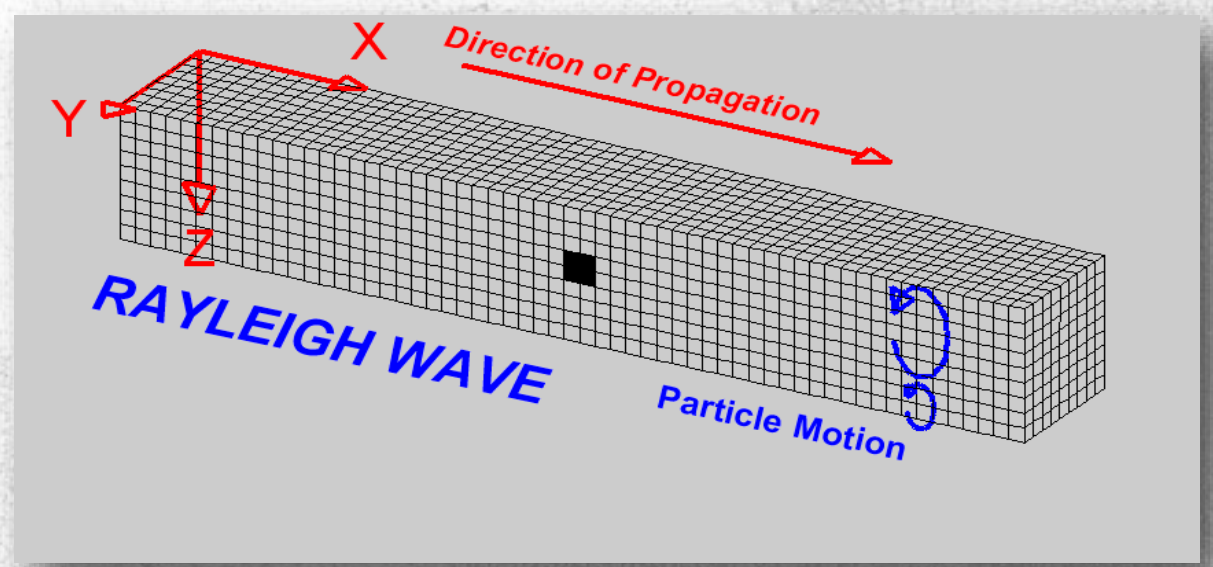
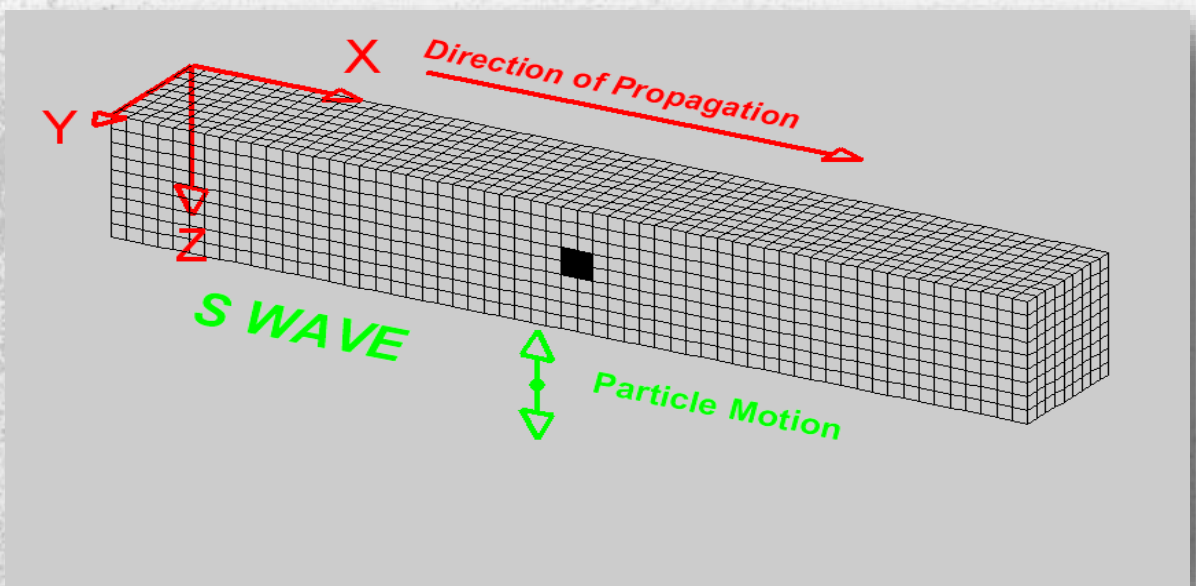
- Although most of the energy from a blast is used to break the rock, some of the energy will travel away from the blast site in the form of ground and airwaves.
- Each of these ground and airwaves can cause your house to vibrate or shake.
- Because humans are very sensitive to all vibrations, it is possible that you will feel or hear these vibrations from the blast at even very low levels.

# Why do some Blasts feel stronger than others?

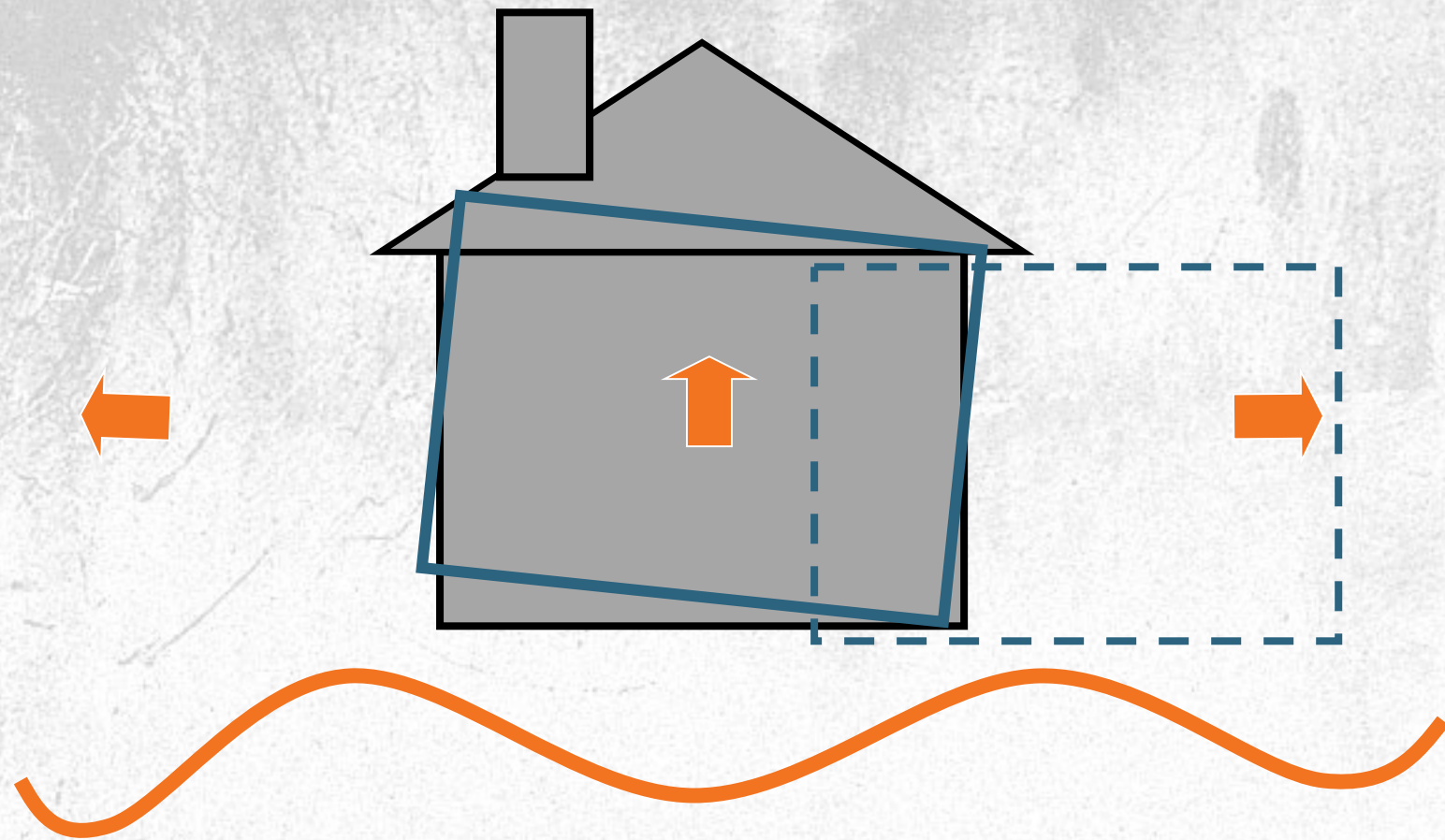
- How a blast feels depends on the ground or airwaves that reach your house. The airwaves are influenced by the type of blast, the distance from the blast and the amount of explosives used in the blast. All blasting is designed and conducted by professionals with years of hands-on experience.
- Where you are on the property also affects your perception of the blast. If you are outside your house, you will tend to feel the ground vibrations in your feet and legs. If you are inside your house, you will sense both the structure and objects in your house responding to the vibrations. Because location affects your perception of the blast, you and your neighbors may feel or describe the same blast differently.



When a blast is detonated, the vibration energy travels through the ground as wave fronts. These waves travel at different speeds, amplitude and direction, depending on the geology of the area. When these waves reach residences, structural response will be noticed.



*Ground Response = Structural Response  
= Human Response*



Structural response is  
directly and linearly proportional to ground  
vibration amplitude

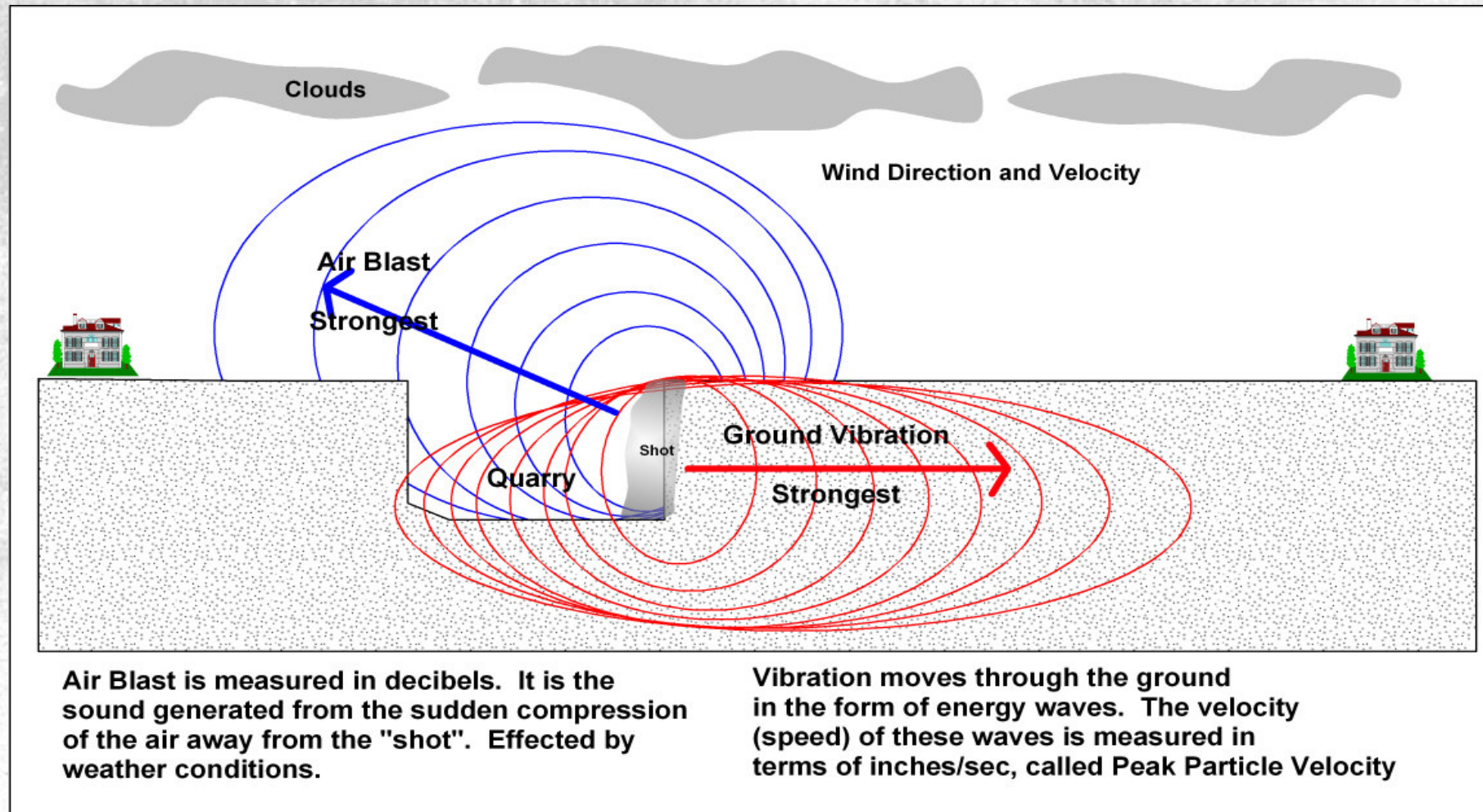
Reduce ground vibration by half and you reduce  
house  
vibration by half

Amplitude, Duration, and Frequency are  
all factors that effect structural  
response.

All homes respond differently.

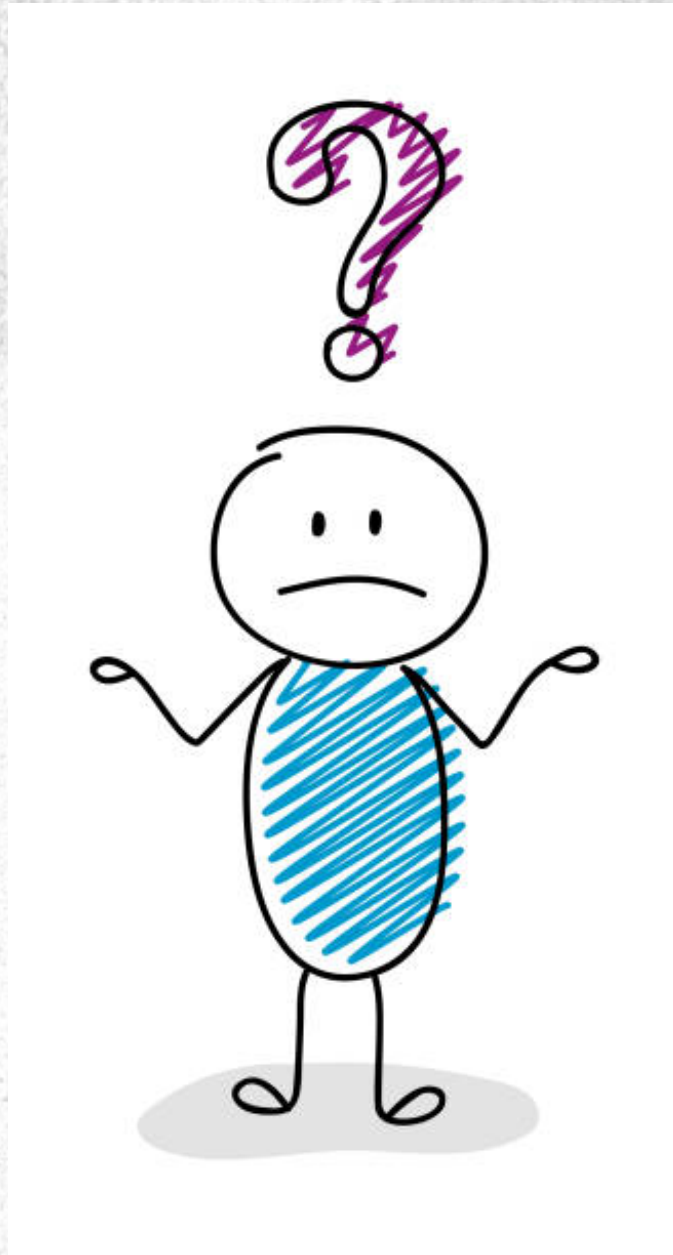
Measuring these factors helps us  
determine safe structural response.

Self-triggering seismographs  
automatically measure these factors.



Air overpressure is a compression wave measured as a change in atmospheric pressure. It is generated by the movement of the rock from the blast. The air overpressure can make your home feel two separate vibrations.

# Can these vibrations damage my home?



Humans feel vibrations at very low levels. Although we are very good at detecting vibrations, we are not very good at determining their intensity.

- How we measure
- Foundation response
- Vibration and Air comparisons



Modern homes are built to specific municipality regulation

The design of each home and its building materials can make the response feel greater or less.

The natural frequency response of a home affects its response to vibration.

The mass, stiffness, and height of an object greatly effects its frequency.



# Natural Frequency





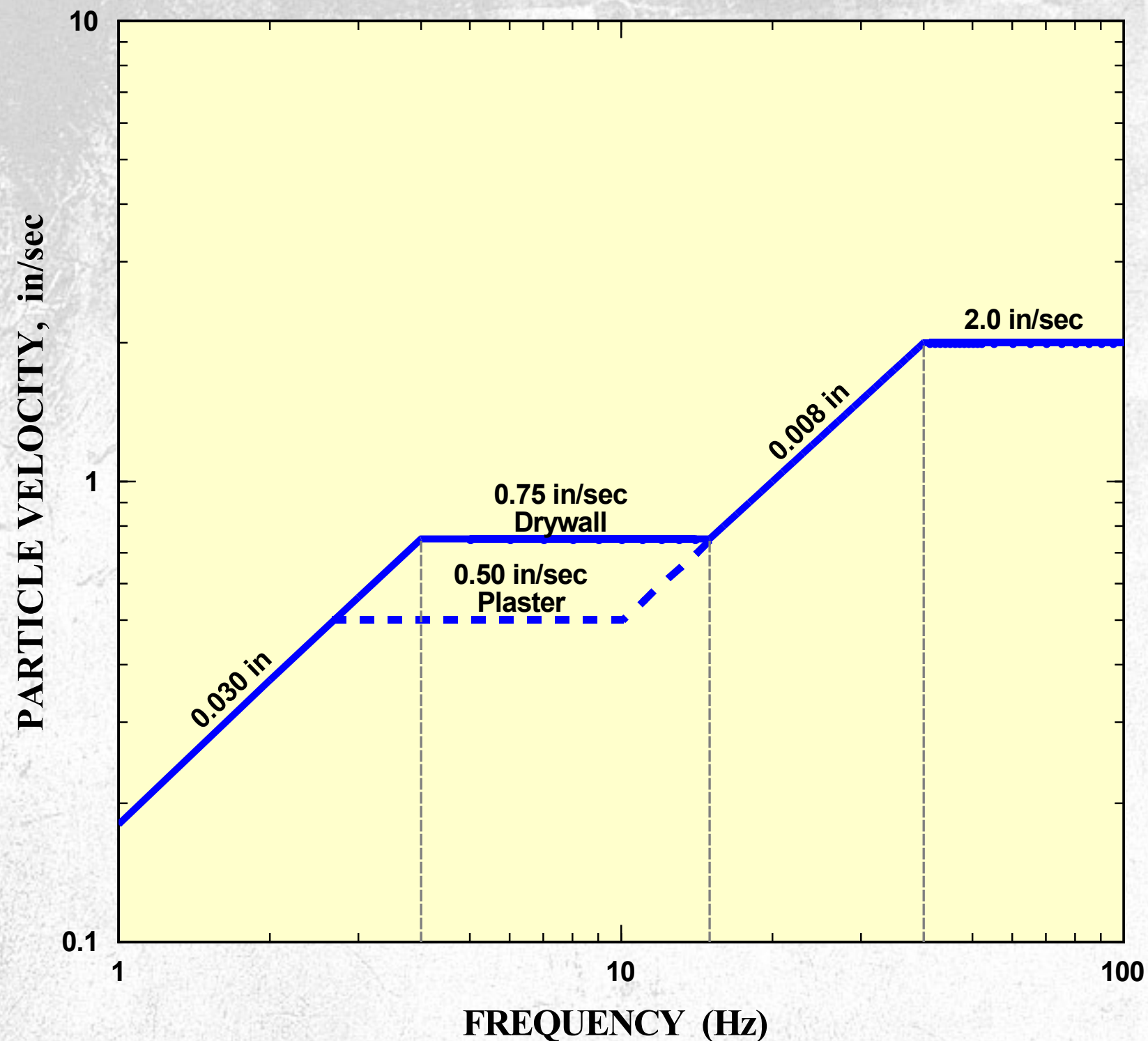
# Natural Frequency





# Natural Frequency



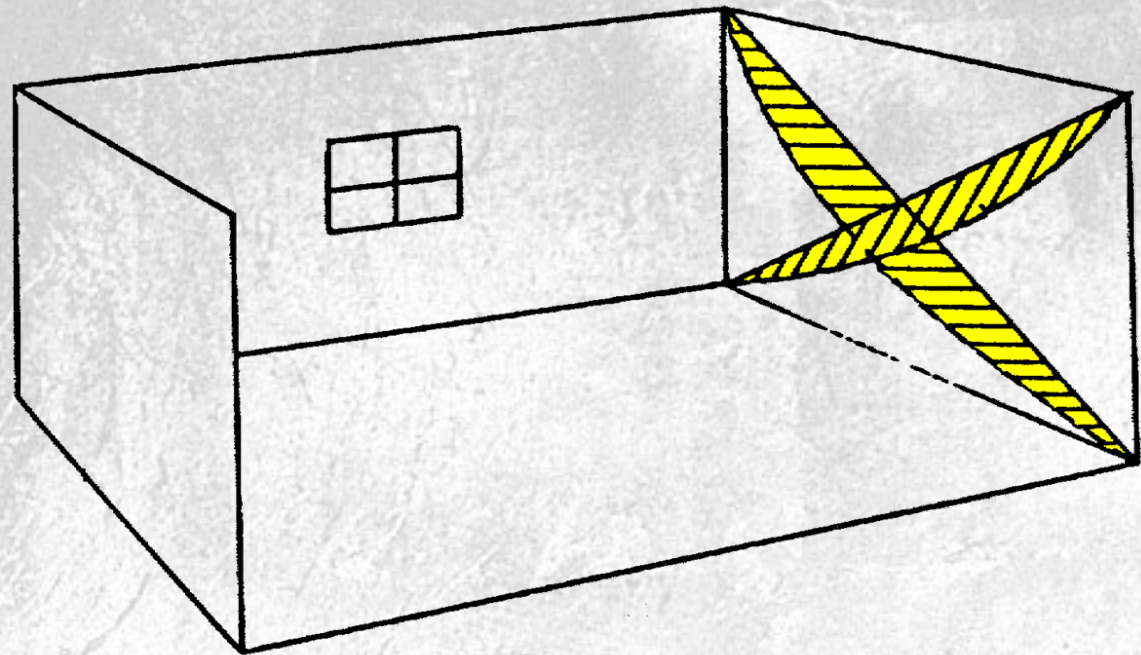


The USBM (U.S. Bureau of Mines) Z-curve is the standard used to assess safe ground vibration.

Drywall is the most common building material used in new residential construction.

Each particle velocity must correspond with a frequency to accurately plot on this graph.

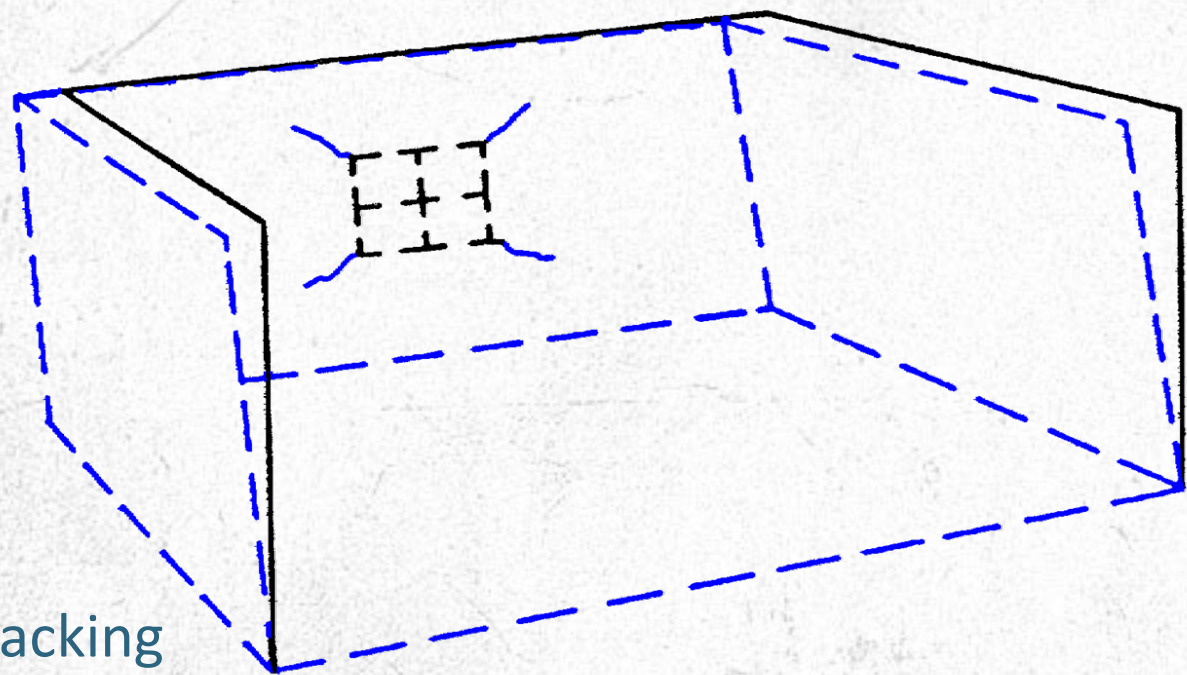
The higher the frequency, the higher allowance of peak particle velocity.



Midwall  
Response

Bending

In the state of Texas, foundation settling is a common occurrence. Soils expand and contract due to the weather and other environmental factors.

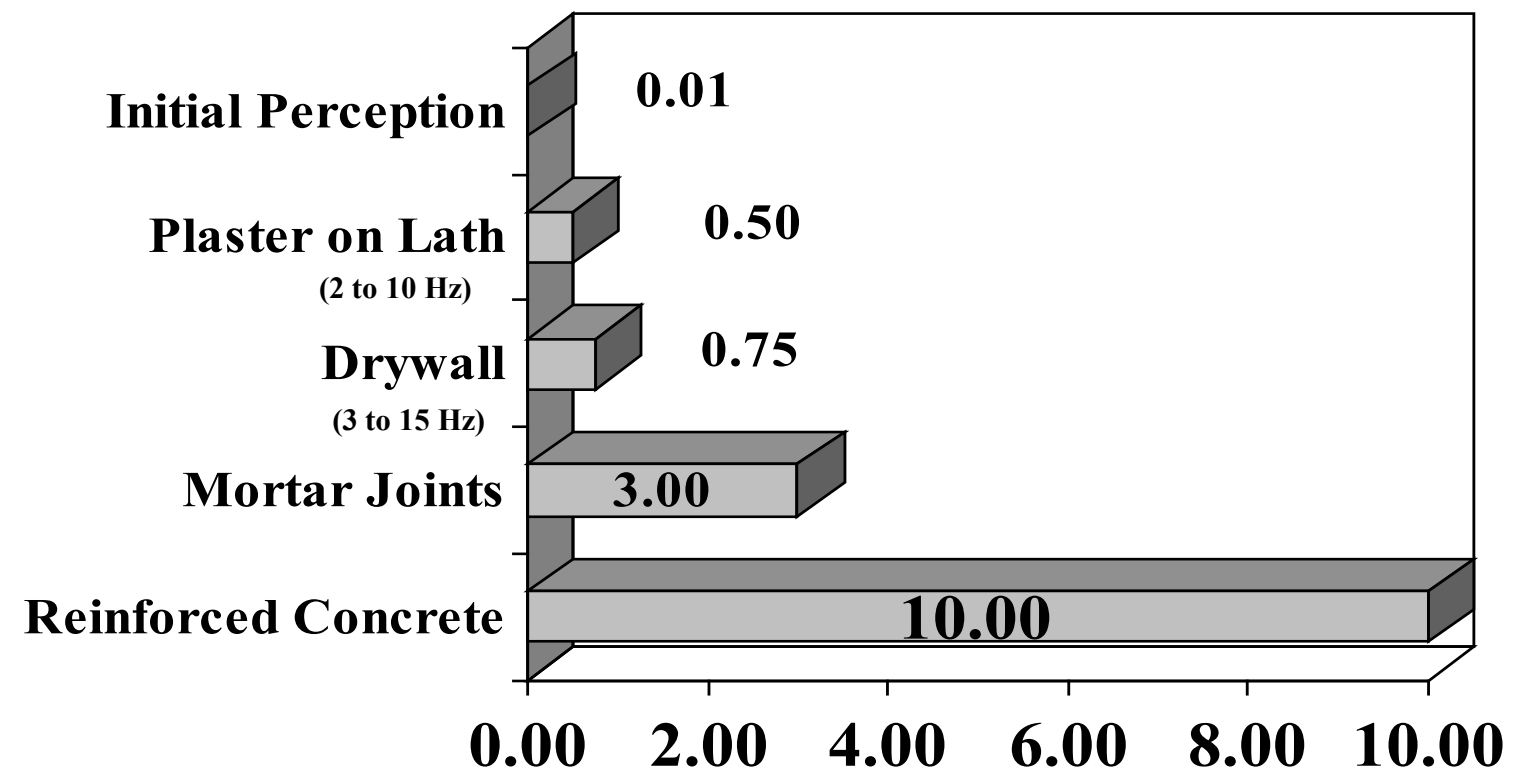


Racking  
Response

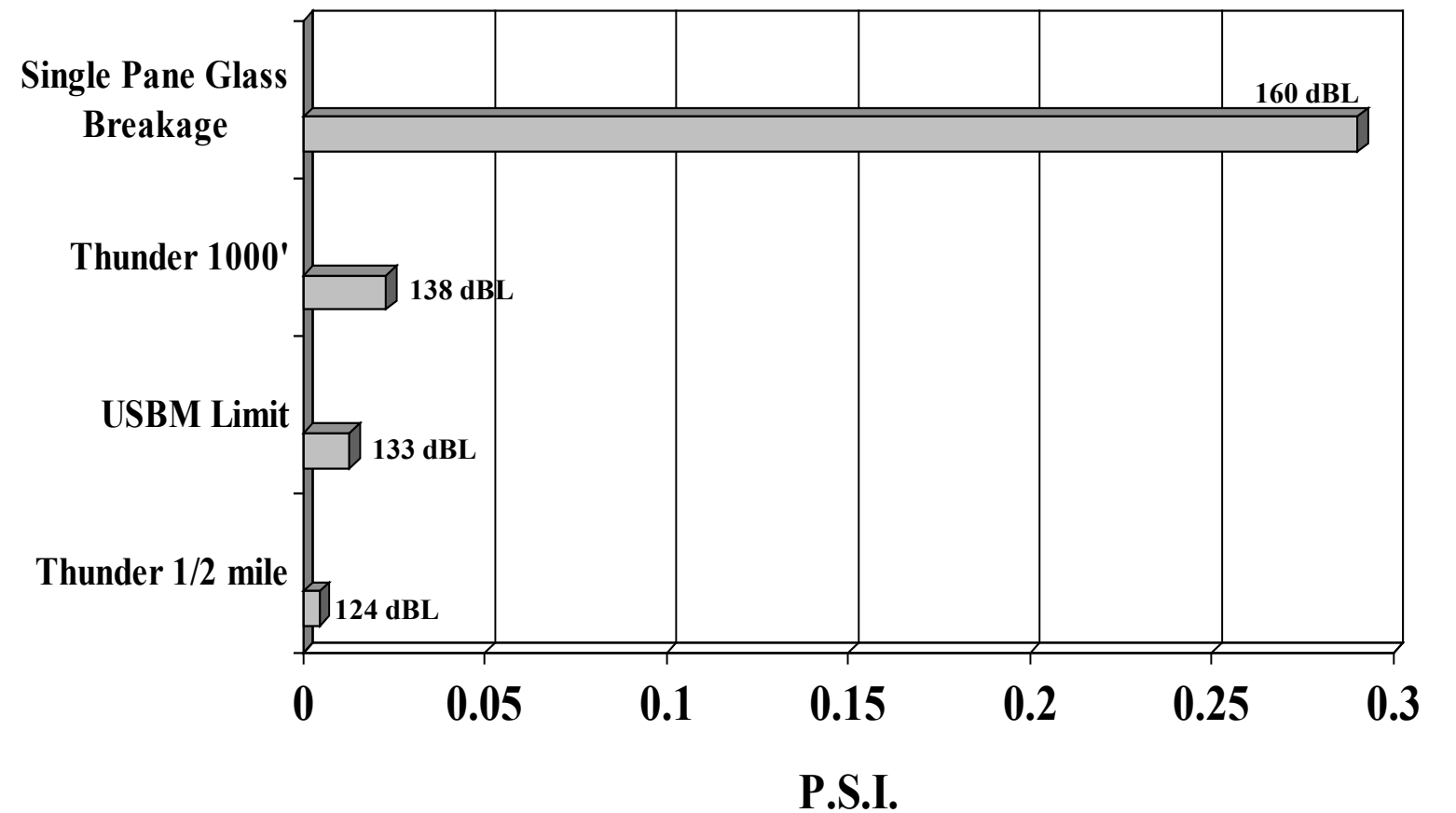
Shear

Foundational cracking resulting from blasting ground vibration without wall damage is almost unheard of.

## Vibration Standards



## Air Overpressure Level Comparisons



The graphics above show some comparison data for ground vibration and air overpressure.

# What are safe vibration standards for blasting near homes?



- USBM study – Best Science & Data
- Ordinance 34
- Seismic monitoring and data collection

# USBM RI-8507

“Structure Response and Damage Produced by Ground Vibration from Surface Mine Blasting”

The United States Bureau of Mines (USBM) studied the repeated effects of vibration on structures. They concluded that as long as the vibration levels were below regulated limits, cumulative or repeated effects that produce fatigue were not seen.

Their conclusions summarized that a home could withstand blasting twice per day at 0.50 inch per second for 28 years before the first crack would be expected to be extended, let alone a new crack created.

# USBM RI-8507

“Structure Response and Damage Produced by Ground Vibration from Surface Mine Blasting”

In the same study, they found that there were forces acting on the structures that were greater than the levels from the blasting operation. These factors were changes in temperature and changes in humidity. These forces occur every day and are constantly putting strain on the structure in excess of the vibration. Since these occur over many years daily during the life of the structure, with greater effect there is little vibration will do within the regulatory limits.

# USBM RI-8507

“Structure Response and Damage Produced by Ground Vibration from Surface Mine Blasting”

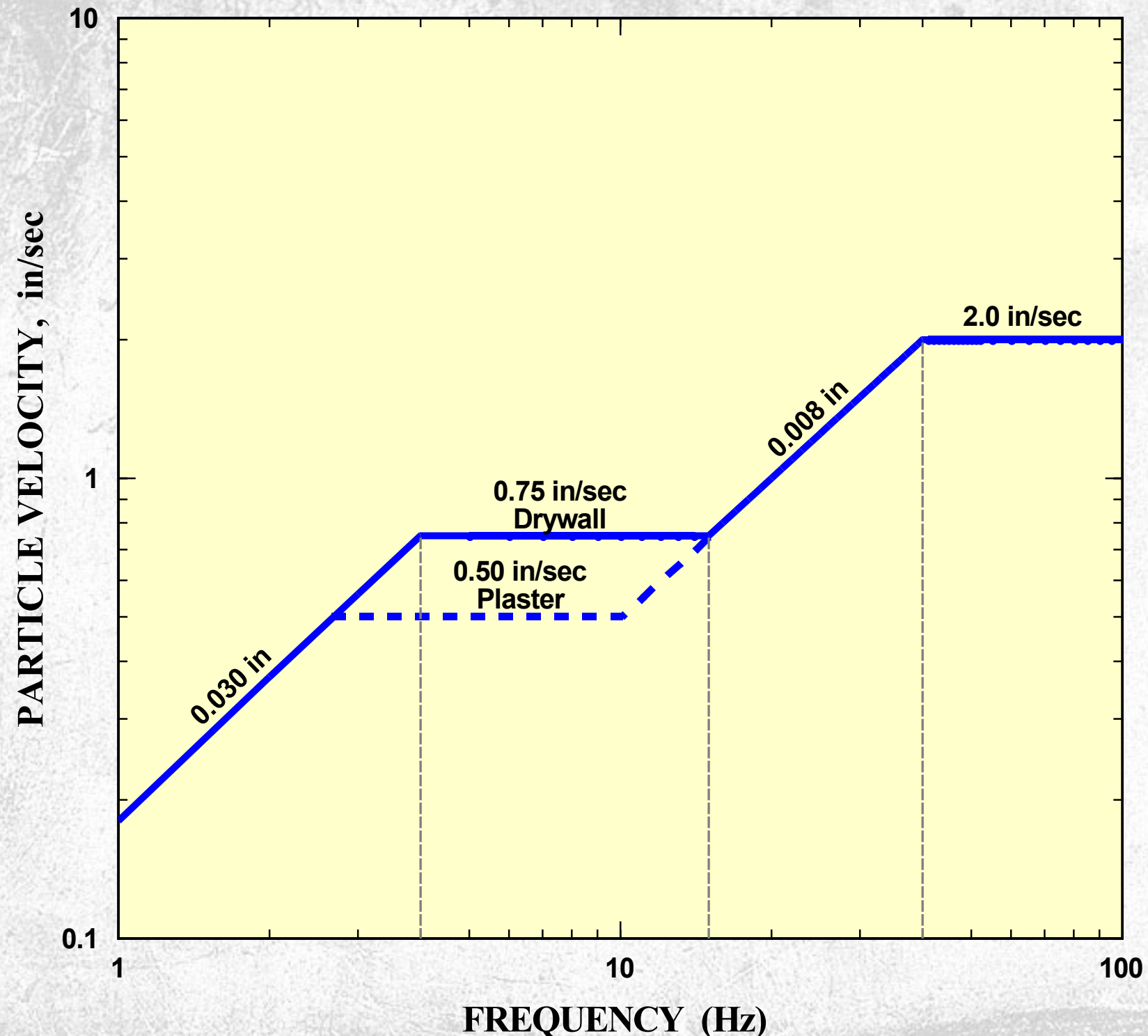
In this study, damage from actual surface-mine production blasting was observed in 76 residences for 219 production blasts. This data along with damage data from six additional studies were combined with the historical data from Bulletin 656.

# Ordinance 34 Limits

In North America, safe vibration standards are based on scientific studies conducted by the U.S. Bureau of Mines (USBM). These ground and air vibration limits are based on scaled distance, peak particle velocity, air pressure and frequency, and are derived from the best science available.

Complying with these standards will prevent even cosmetic cracking in structures. Furthermore, slightly exceeding these standards does not necessarily mean that a structure will be harmed.

# Ordinance 34 Limits



For ground vibrations, the standard is a function of frequency and peak particle velocity. At low frequencies, the limit is 0.75 inches per second (in./sec.). At high frequencies, the limit is up to 2.0 in./sec.

For air vibrations, the standard is a function of pressure that is most often reported as decibels with a limit of 134 decibels (dB).

# Vibration Monitoring



- Vibra-Tech is the independent third-party technical expert retained by the City of Garden Ridge to monitor all blasting activity.
- The monitoring involves a minimum of six (6) and a maximum of nine (9) seismographs that surround the Hanson Servtex Quarry. The City of Garden Ridge determines where the monitors will be located.
- Each seismograph measures peak particle velocity, frequency, and air overpressure for every production blast.

# Vibration Monitoring

- Each seismograph is calibrated annually to ensure they are operating within the required specifications.
- Air particulate monitor(s) and noise monitor(s) are used at the discretion of the City of Garden Ridge.
- All monitoring data is available for public inspection at City Hall, and is available on the City of Garden Ridge's website.

# Citizen Blasting Complaints – Alternative Dispute Resolution (ADR) Process Summary

- There is a voluntary non-binding dispute resolution process available for property owners within the City of Garden Ridge to address certain blasting damage concerns.
- Claims of property damage are reviewed by an independent technical panel.
- Claims are limited to physical property damage <\$10,000
- The process is administered and paid for by Hanson.
- Please refer to Attachment B of [Ordinance 34](#) (link) for further details

# ADR Process Summary

- Step 1 – Initiation of a claim
  - Submit an on-line claim form describing the alleged damage, when it occurred, and the claimed compensation amount.
- Step 2 – Preliminary process
  - Hanson will meet with the property owner to inspect and discuss the alleged damage and amount of compensation sought.
  - A technical damage claim assessment may be completed as warranted.
  - Hanson will attempt to resolve the issue with the property owner, and if the property owner, if not satisfied, may request a hearing.

# ADR Process Summary

- Step 3 – Hearing
  - Within 15 days of the request for a hearing, the independent panel of experts will determine whether the complaint meets the minimum scientific requirements and thereby qualifies for a hearing.
  - The minimum scientific requirements are specified in Ordinance 34.
  - The hearing will be conducted within 30 days of the complaint and conducted by a panel of three independent industry technical experts.
  - The panel will meet quarterly to hear qualified complaints.
- Step 4 – Resolution
  - The panel will make their determination on the merits of the claim based solely on its scientific merits.
  - Hanson and the property owner may resolve the complaint at any time during this ADR process.

# Who can I contact for further information?



**Vibra-Tech Inc.**

[texas@vibratechinc.com](mailto:texas@vibratechinc.com)

512-442-6464

**Hanson Aggregates LLC – Servtex Quarry**

[Lalit.Bhatnagar@lehighhanson.com](mailto:Lalit.Bhatnagar@lehighhanson.com)

972-814-4122

# Future Agenda Items

## Quarry Commission

July 12, 2021

### Regular Meeting

- 12** days before Meeting (6/30/21) Commission and Staff items are due
- 10** days before Meeting (7/02/21) City Administrator and Chair review agenda.  
City Attorney is sent the agenda for approval.
- 7** days before Meeting (7/05/21) 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 (7/08/21) Post Agenda Packet to CivicClerk
- 3** days before Meeting (7/09/21) (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

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	31

#### Approvals

1. Minutes 3-9-21

#### 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

#### Education/Training Session

#### Executive Session

PENDING FUTURE AGENDA ITEMS

## Quarry Commission Rolling Attendance

Commissioner	1/13/20 Regular Meeting	3/9/20 Regular Meeting	9/14/20 Regular Meeting	11/9/20 Regular Meeting	1/11/21 Regular Meeting					
Shands	P	P	P	P	P					
Barucky	P	P	P	P	P					
Biersner										
Haddad	P	P	P	A	P					
Armando		P	P	P	P					
Holly	P	P	P	P	P					
Mudge	A	P	P	P	P					

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

## Quarry Commission's Attendance at City Council Regular Meetings

Commissioners	1/6/21 Regular Meeting	2/3/21 Regular Meeting	3/3/21 Regular Meeting								Total for year
Shands			P								1
Barucky											0
Biersner											0
Haddad			P								1
Armando											0
Holly	P	P	P								3
Mudge		P									1
	Met requirements			Not met requirements							

## QUARRY COMMISSION

Name	PL	Appt/ Expires	Appt/ Expires	Appt/ Expires	Appt/ Expires	Appt/ Expires	Appt/ Expires	Appt/ Expires	Appt/ Expires
Albert Haddad	1	Oct 15 Sept 17	Sept 17 Sept 19	Sept 19 Sept 21					
Johnell Holly	2	Sept 08 Sept 10	Sep 10 Sept 12	Sep 12 Sept 14	Sept 14 Sept 16	Sept 16 Sept 18	Sept 18 Sept 20	Oct 20 Sept 22	
Jerry Barucky	3	Sep 14 Sept 16	Sept 16 Sept 18	Sept 18 Sept 20	Oct 20 Sept 22				
Wayne Mudge	4	Oct 07 Sept 09	Sept 09 Sept 11	Sept 11 Sept 13	Sept 13 Sept 15	Sept 17 Sept 19	Sept 19 Sept 21		
Armando Diaz	5	Sept 19 Sept 21 (P)							
Mike Shands	6	Jan 14 Sept 15	Sept 15 Sept 17	Sept 17 Sept 19	Sept 19 Sept 21				
David Biersner	7	Feb 21 Sept 22							

**(P)= Partial term of less than ½ the term remaining**