

## Central 70 Project

dB – (decibel) is a logarithmic unit of measure used to measure sound.

(A) – denotes a specific weighting network. Weighting networks are filters in sound level meters that vary frequency sensitivities according to set standards. The (A) weighted network simulates the range of human hearing.

LEQ – (Equivalent Sound Level) The sound pressure level that, if constant over a specified time period, would contain the same sound energy as the actual sound that varies in level with time. In this case the reference time period is a hour. (Hourly LEQ/Hourly average)

LMax – Used to describe the maximum measured sound pressure level, measured on the (A) weighted network and “Fast” response.

Background noise level L(90) – is the sound pressure level of all sound associated with a given environment, exceeded ninety (90) percent of the time while the noise level from the noise source of interest (construction noise) is not present.

CDOT – Colorado Department of Transportation

Month/Date	Complaints Received?	DDPHE/Kiewit Complaint Response	DDPHE Monitoring - where, when and what activities were monitored	Violations Observed?	Other Notable Events/New Developments
October	no complaints filed through 311 or the hotline	N/A	No DDPHE monitoring necessary as construction activities were extremely limited and involved mostly prep work (i.e. setting up traffic signs, barriers, etc.). There were no noise concerning activities such as demolition taking place yet.	N/A	Noise team and program manager met with CDOT and Kiewit representatives and took a tour of the project area to better understand all of the areas that will be affected and where future monitoring should take place.
Week of 10/28/2018-11/3/2019	no complaints filed through 311 or the hotline	N/A		None	
November (11/1/2018)	no complaints filed through 311 or the hotline	no noise complaints filed through 311 or the hotline, however received an email regarding noise vibration, traffic and detours, which the noise ordinance does not cover. Responded to constituent with information about the noise ordinance and our enforcement authority. Also requested their address to look further into the vibration concern.	<ul style="list-style-type: none"> <li>• DDPHE noise monitoring was conducted Thursday night through Friday morning November 1st and 2nd, 2018, during nighttime shoring operations in the northeast quadrant of the Peoria Street and I 70 interchange.</li> <li>• Construction occurring at the Peoria Street I 70 interchange site currently only places hotels within eligibility zones. However, there is both a hotel and multi-unit residential property located beyond the eligibility zone to the north and northeast, therefore monitoring was done at the nearest property lines of both the residential property to the northeast and hotel property to the north to ensure compliance with the nighttime noise variance</li> </ul> <p>Measured noise levels at hotel's property line (LaQuita Inn at 4460 Peoria St.) were:</p> <ul style="list-style-type: none"> <li>o Background noise level L(90) prior to construction beginning was 55.7 dB(A)</li> <li>o Hourly LEQ during construction was 57.0 dB(A)</li> <li>o Highest LMax attributed to construction noise was 70.3 dB(A)</li> </ul> <p>Measured noise levels at nearest residential property line (████████████████████) were:</p> <ul style="list-style-type: none"> <li>o Background noise level L(90) prior to construction beginning was 52.2 dB(A)</li> <li>o Hourly LEQ during construction was 55.0 dB(A)</li> <li>o Highest LMax attributed to vehicle noise (loud car) was 64.7 dB(A)</li> </ul> <p>Note: Construction noise was NOT audible at this location at any time during noise monitoring.</p>	None	<p>For informational purposes only, noise monitoring was done from within the eligibility zone at the nearest property line of the Comfort Inn at 4380 Peoria St. and from within the nearest hotel room, Room #342.</p> <p>Measured noise levels at property line (Comfort Inn at 4380 Peoria St.) were:</p> <ul style="list-style-type: none"> <li>o Background noise level L(90) prior to construction beginning was 61.7 dB(A)</li> <li>o Hourly LEQ during construction was 71.6 dB(A)</li> <li>o Highest LMax attributed to construction noise was 81.8 dB(A)</li> </ul> <p>Measured noise levels in hotel room (Comfort Inn Room #342) were:</p> <ul style="list-style-type: none"> <li>o Background noise level L(90) prior to construction beginning was 31.8 dB(A)</li> <li>o Hourly LEQ during construction was 39.3 dB(A)</li> <li>o Highest LMax was 56.8 dB(A) attributed to an adjacent hotel room door being abruptly closed</li> </ul>

Week of 11/18/2018- 11/24/2018	11/18/19 and 11/19/19 2 complaints called into CDOT hotline by same complainant	First call made at 9 p.m., second call made at 12:45 a.m. - IQC inspector arrived at location at 1:05 a.m. and noted no construction activity occurring in the area. There was also no I-70 related construction scheduled to occur in that area that night.	DDPHE happened to be monitoring that night in the area where I-70 construction work was occurring and did not note any violations. See below.	None	DDPHE followed up with CDOT/Kiewit contacts to find out why there was a delayed response after the first call. CDOT/Kiewit stated that there was an issue with the call center routing the call to the wrong person. This issue has since been addressed and has not occurred since.
11/18/2018	11/18/19 1 complaint called into CDOT hotline	see above	DDPHE noise monitoring was conducted Sunday night on November 18th for one hour from 8:07P.M. until 9:09P.M., during nighttime earth moving operations in the southeast quadrant of the Quebec Street and I 70 interchange. Measured noise levels at hotel's property line (Marriot 7415 41st Ave) were: o Background noise level L(90) was 55.4 dB(A) o Hourly LEQ during construction was 57.0 dB(A) o Highest LMax attributed to construction noise was 72.9 dB(A)	None	Train horn noise was present in infrequent bursts the highest Lmax attributed to train noise was 78.7 dB(A).
11/20/2018		N/A	DDPHE noise monitoring was conducted Tuesday night on November 20th for one hour from 9:20P.M. until 10:20P.M., during nighttime earth moving operations in the southeast quadrant of the Quebec Street and I 70 interchange. Measured noise levels at hotel's property line (Marriot 7415 41st Ave) were: o Background noise level L(90) was 52.7 dB(A) o Hourly LEQ during construction was 60.9 dB(A) o Highest LMax attributed to construction noise was 75.0 dB(A)	None	Train horn noise was present in infrequent bursts the highest Lmax attributed to train noise was 84.4 dB(A).
Week of 11/25/2018- 12/1/2019	11/29/19 1 complaint called into CDOT hotline	Complainant was informed that the reported noise source/construction location was not part of the Centrial 70 project and that it was a xcel project site. It was recommended to the complainant to call Denver 311 and to make a complaint there.		None	
11/29/2018	11/29/19 1 complaint called into CDOT hotline	see above	DDPHE noise monitoring was conducted Tuesday night on November 29th for one hour from 9:01P.M. until 10:01P.M., during nighttime earth moving operations in the southeast quadrant of the Quebec Street and I 70 interchange. Measured noise levels at hotel's property line (Marriot 7415 41st Ave) were: o Background noise level L(90) was 53.6 dB(A) o Hourly LEQ during construction was 57.8 dB(A) o Highest LMax attributed to construction noise was 69.6 dB(A)	None	Train horn noise was present in infrequent bursts the highest Lmax attributed to train noise was 75.2 dB(A).
Week of 12/2/2018- 12/8/2019	no complaints filed through 311 on the hotline	N/A		None	

December 12/4/2018	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night on December 4th for one hour from 9:25P.M. until 10:25P.M., during nighttime temporary water line operations located at E. 46th Ave and Columbine St. Measured noise levels at residential property line ( ) were: o Background noise level L(90) was 58.0 dB(A) o Highest LMax attributed to emergency repair noise caused by Denver Water was 93.6 dB(A)	None	No violation of the ordinance due to this activity being an emergency repair and it was actually caused by Denver Water, not Kiewit. Emergency repairs are exempt from the noise ordinance. Denver Water workers were cutting pipe multiple times in the hour that investigator was onsite. Each time this happened on the street it measured over (93.6 dB(A)). This lasted for few minutes each time.
Week of 12/9/2018-12/15/2018	no complaints filed through 311 or the hotline	N/A		None	
12/12/2018	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night on Decemer 11th for one hour from 9:00P.M. until 10:00P.M., during nighttime earth moving operations at E. 46th Ave and Columbine St. Measured noise levels at nearest residential property line ( ) were: o Background noise level L(90) was 59.8 dB(A) o Hourly LEQ during construction was 61.7 dB(A) o Highest LMax attributed to construction noise was 70.4 dB(A)	None	Train horn noise was present in infrequent bursts the highest Lmax was attributed to train noise and was 74.0 dB(A).
Week of 12/16/2018-12/22/2018	no complaints filed through 311 or the hotline	N/A		None	
12/19/2018	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night on December 19th for one hour from 9:14P.M. until 10:14P.M., during nighttime bridge demolition of the Peoria St. bridge. Measured noise levels at nearest residential property line ( ) were: o Background noise level L(90) was 55.9 dB(A) o Hourly LEQ during construction was 63.6 dB(A) o Highest LMax attributed to construction noise was 65.9 dB(A)	None	Car noise was present in infrequent bursts, the highest Lmax attributed to that noise was 90.6 dB(A).
Week of 12/23/2018 - 1/2/2019	no complaints filed through 311 or the hotline	N/A	No DDPHE noise monitoring necessary as all construction activities will cease through the holiday (12/22/2018 through 1/2/2019)	N/A	
			*** No DDPHE noise monitoring necessary as all construction activities will cease through the holiday (12/22/2018 through 1/2/2019)		
Week of 12/30/2018-1/5/2019	no complaints filed through 311 or the hotline	N/A		None	
January 1/4/2019-1/5/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Friday night through Saturday morning 1/4/2019-1/5/2019 for 4 hours from 9:30P.M. until 1:30A.M., during nighttime load testing of the I-70 viaduct. Measured noise levels at nearest residential property line ( ) were: o Background noise level L(90) was 55.8 dB(A) o 1/2 Hour LEQ during construction was 57.9 dB(A) o Highest LMax attributed to construction noise was 60.2 dB(A) (back-up beeper on vehicle)	None	No violations were noted and the only work going on was located at Vasquez and I-70 for the load testing of the viaduct. When investigator started they drove through entire work zone of the project. Investigator found work only being conducted on the I-70 viaduct for the load test. Investigator conducted sound level measurements from nearest property and was not able to detect noise from the construction site. Only noise associated with the construction work was a company truck using the back-up alarm for less than 1 minute. Investigator did two more circuits of the construction zone (from Brighton Blvd to Peoria St).
Week of 1/6/2019 - 1/12/2019	no complaints filed through 311 or the hotline	N/A		None	

1/10/2019-1/11/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Thursday night and Friday morning 1/10/2019-1/11/2019 for 4 hours from 8:30P.M. until 12:30A.M., during excavation work at I-70 and Quebec noise levels at hotel's property line (Marriot 7415 41st Ave) were: o Background noise level L(90) was 50.4 dB(A) o 20 min LEQ during construction was 58.4 dB(A) (9:20PM-9:40PM) o Highest LMax attributed to construction noise was 64.9 dB(A) (back-up beeper on vehicle) Background noise level L(90) was 50.4 dB(A) o 15 min LEQ during construction was 58.5 dB(A) (9:45PM-10:00PM) o Highest LMax attributed to construction noise was 65.0 dB(A) (back-up beeper on vehicle)	Measured	0	No violations were noted and the only work going on was located at Quebec and I-70 for excavation work. When investigator started they drove through entire work zone of the project. Investigator noted only work close to residential property being conducted at Quebec and I-70. Investigator conducted sound level measurements from nearest property and noise from the construction site was below limits of the variance. Noise associated with the construction was a back hoe excavating, loading trucks and back-up beepers on vehicles. Investigator did two more circuits of the construction zone (from Brighton Blvd to Peoria St).
Week of 1/13/2019 - 1/19/2019	no complaints filed through 311 or the hotline	N/A		None		
1/15/2019-1/16/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night and Wednesday morning 1/15/2019-1/16/2019 for 4 hours from 10:00P.M. until 2:00A.M., during bridge caisson work at I-70 and Peoria levels at hotel's property line (3975 Peoria Way) were: o Background noise level L(90) was 55.4 dB(A) o 30 min LEQ during construction was 62.8 dB(A) (9:20PM-9:40PM) o Highest LMax attributed to construction noise was 58.5 dB(A) (metal on metal sound)	Measured noise		No violations were noted and the work going on was located at Quebec and I-70 for excavation work and Peoria, I-70 interchange for the bridge caisson. When investigator started they drove through entire work zone of the project. Investigator conducted sound level measurements from nearest property and noise from the construction site was below limits of the variance. Noise associated with the construction was a back hoe excavating, loading trucks and back-up beepers on vehicles. Investigator did two more circuits of the construction zone (from Brighton Blvd to Peoria St). Measured sound of bridge caisson from 20 ft away at 80dB(A).
1/19/2019	no complaints filed through 311 or the hotline	N/A	DDPHE was not conducting noise monitoring Saturday 1/19/19, but did receive information worth noting from Keiwit about their own noise monitoring. See last column.	N/A		During a Keiwit 15 minute noise monitoring spot check the Leq measurement exceeded tolerances set in place to prevent Hourly Leq exceedances. Work was stopped and the job site and equipment usage was adjusted so that the Hourly Leq limit of 75 dB(A) was not exceeded and work was resumed *** Please note this was not an actual violation due to Keiwit stopping the work before the hourly Leq could be exceeded.
Week of 1/20/2019 - 1/26/2019	no complaints filed through 311 or the hotline	N/A		None		
1/23/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Wednesday night 1/23/2019 for 4 hours from 8:00P.M. until 12:00A.M., during bridge caisson work at I-70 and Peoria levels at hotel's property line (3975 Peoria Way) were: o Background noise level L(90) was 56.7 dB(A) o 30 min LEQ during construction was 63.9 dB(A) (9:10PM-9:40PM) o Highest LMax attributed to construction noise was 64.8 dB(A) (back-up beeper)	Measured noise		No violations were noted and the work going on was located at Quebec and I-70 for excavation work, road work at Dahlia and I-70 and Peoria, I-70 interchange for the bridge caisson. When investigator started they drove through entire work zone of the project. Investigator conducted sound level measurements from nearest property line and noise from the construction site was below limits of the variance. Noise associated with the construction was of bridge caisson construction and back-up beepers on vehicles. Investigator did multiple circuits of the construction zone (from Brighton Blvd to Peoria St).
Week of 1/27/2019 - 2/2/2019	no complaints filed through 311 or the hotline	N/A		None		

1/29/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night and Wednesday morning 1/29/2019-1/31/2019 for 4 hours from 9:00P.M. until 1:00A.M., During concrete cutting at the Havana and I-70 onramp noise levels at hotel's property line (4444 Havana St.) were: o Background noise level L(90) was 56.9 dB(A) o 15 min LEQ during construction was 63.5 dB(A) (10:20PM-10:35PM) o Highest LMax attributed to construction noise was 74.2 dB(A) (metal on metal sound)	Measured None	No violations were noted and the work going on was located at Havana and I-70 for concrete cutting work, excavation work at Central Park Blvd. There were no other active worksites while Investigator was monitoring. Work at Central Park Blvd was not able to be distinguished from I-70 traffic. Investigator did multiple circuits of the construction zone (from Brighton Blvd to Peoria St).
Week of 2/3/2019 - 2/9/2019	no complaints filed through 311 or the hotline	N/A		None	
February 2/5/2019 to 2/6/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night and Wednesday morning 2/5/2019-2/6/2019 for 4 hours from 9:00P.M. until 1:00A.M., During bridge caissoning at Peoria and I-70 bridge levels at hotel's property line (4380 Peoria St.) were: o Background noise level L(90) was 58.5 dB(A) o 15 min LEQ during construction was 63.9 dB(A) (9:17PM-9:33PM) o Highest LMax attributed to construction noise was 73.1 dB(A) (metal on metal sound)	Measured noise None	No violations were noted and the work going on was located at Quebec and I-70 for excavation work and bridge caissoning at Peoria and I-70. Construction crews were also placing barriers on the highway. There were no other active worksites while investigator was monitoring. Investigator did multiple circuits of the construction zone (from Brighton Blvd to Peoria St). Only distinguishable noise was from the Peoria and I-70 worksite.
Week of 2/10/2019 - 2/16/2019	no complaints filed through 311 or the hotline	N/A		None	
2/12/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night from 8:30P.M. until 10:30P.M. No sound level measurements were taken due to noise not being distinguishable from highway traffic noise.	None	No violations were noted and the work going on was located at Quebec and I-70 for excavation work and utility work at Peoria and I-70. Construction crews were also placing barriers on the highway. There were no other active worksites while investigator was monitoring. Investigator did multiple circuits of the construction zone (from Brighton Blvd to Peoria St). No noise was distinguishable from highway noise anywhere along the project. There was no work occurring along the western part of the project.
Week of 2/17/2019 - 2/23/2019	no complaints filed through 311 or the hotline	N/A		None	
2/19/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night from 9 P.M. until 11 P.M. No sound level measurements were taken due to noise not being distinguishable from highway traffic noise.	None	No violations were noted and the work going on was located at Quebec and I-70 for excavation work and median removal work at Colorado and I-70. Construction crews were also placing barriers on the highway. There were no other active worksites while investigator was monitoring. Investigator did multiple circuits of the construction zone (from Brighton Blvd to Peoria St). No noise was distinguishable from highway noise anywhere along the project. There was no work occurring along the western part of the project.
Week of 2/24/2019 - 3/2/2019	no complaints filed through 311 or the hotline	N/A		None	

2/27/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night from 8:45 P.M. until 11:30 P.M. No sound level measurements of the Kiewit project were taken due to noise not being distinguishable from highway traffic noise.		No violations were noted from the Kiewit work sites. Work that was taking place by Kiewit was happening at the I-70 & Peoria St. East-bound on-ramp and on the highway throughout the project. *** Please note that the following is not related to the central 70 project or Kiewit/CDOT: Investigator did observe Xcel to be in violation of the ordinance at 10p.m. working on a job site connected to the pedestrian bridge work after the 9p.m. construction noise exemption time cut-off. The noise levels measured 87.6 dB(A). This work consisted of a back-hoe working with its bucket as well as back-up alarms from other equipment. Foreman stated to investigator that for this work Xcel was not being sub-contracted by Kiewit for the work (thus not under the variance) and that this work had been scheduled to go until 10pm but was behind schedule. Investigator gave Xcel foreman a verbal warning about the noise ordinance and that this work would have to be shut down or fines could be assessed. This was then followed by a written warning. Foreman informed investigator that they were in the clean up stage of the project and that they would be shutting down for the night and the heavy machinery that was over the noise ordinance levels of 50 dB(A) would no longer be operating. Investigator left Xcel to continue monitoring the I-70 project and checked back on the work site at 11:15p.m. while trucks were still on-site there was no work on-going and the heavy equipment had been shut down.
<b>Week of</b> 3/3/2019 - 3/9/2019	no complaints filed through 311 or the hotline	N/A		None	
<b>March</b> 3/5/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night from 8:20 P.M. until 10:20 P.M. No sound level measurements of the Kiewit project were taken due to noise not being distinguishable from highway traffic noise.	None	No violations were noted and the work going on was located at Quebec and I-70 for excavation work and median removal work at Colorado and I-70. Construction crews were also placing barriers on the highway. There were no other active worksites while investigator was monitoring. Investigator did multiple circuits of the construction zone (from Brighton Blvd to Peoria St). No noise was distinguishable from highway noise anywhere along the project. There was no work occurring along the western part of the project.
<b>Week of</b> 3/10/2019 - 3/16/2019	no complaints filed through 311 or the hotline	N/A		None	
<b>March</b> 3/12/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night from 8:20 P.M. until 10:20 P.M. No sound level measurements of the Kiewit project were taken due to noise not being distinguishable from highway traffic noise.	None	No violations were noted and the work going on was located at Dahlia and I-70 starting I-70 expansion work and earth moving work at Peoria St and I-70 for the new bridge construction. Construction crews were also placing barriers on the highway. There were no other active worksites while investigator was monitoring. Investigator did multiple circuits of the construction zone (from Brighton Blvd to Peoria St). No noise was distinguishable from highway noise anywhere along the project. There was no work occurring along the western part of the project.
<b>Week of</b> 3/17/2019 - 3/23/2019	no complaints filed through 311 or the hotline	N/A		None	

March 3/19/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night 3/19/2019 for 2 hours from 8:00P.M. until 10:00P.M., Excavation and earthmoving at 46th and Columbine. (Investigator observed Kiewit sound testing/recording equipment onsite as well. Measured noise levels at closest residential property line [REDACTED] were: o Background noise level L(90) was 55.4 dB(A) o 10 min LEQ during construction was 62.7 dB(A) (9:05PM-9:15PM) o Highest LMax attributed to construction noise was 72.3 dB(A) (back-up beeper sound)	None	No violations were noted and the work going on was located at Dahlia and I-70 to I-70 and and I-270 flyover conducting I-70 expansion work and light installation work at Peoria St and I-70. Construction crews were also placing barriers on the highway. None of which could be heard over I-70 traffic noise. Excavation and earth moving work was conducted at 46th and Columbine and was under the variance levels. There were no other active worksites while investigator was monitoring. Investigator did multiple circuits of the construction zone (from Brighton Blvd to Peoria St).
Week of 3/24/2019 - 3/30/2019	no complaints filed through 311 or the hotline	N/A		None	
March 3/26/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night 3/19/2019 for 2 hours from 8:00P.M. until 10:00P.M., Excavation and earthmoving at 46th and Josephine St. Measured noise levels at closest residential property line [REDACTED] were: o Background noise level L(90) was 60.4 dB(A) located at 4508 Josephine St. o 18 min LEQ during construction was 69.4 dB(A) (9:01PM-9:19PM) o Highest LMax attributed to construction noise was 85.5 dB(A) (metal on metal back-hoe bucket)	None	No violations were noted and the work going on was located at Josephine St. and 46th Ave and I-70 and Central Park Ave. Construction included digging below grade and earth removal. There were no other active worksites while investigator was monitoring. Investigator did multiple circuits of the construction zone (from Brighton Blvd to Peoria St). While onsite a Kiewit employee noticed investigator was monitoring and came over and talked with Investigator about noise levels. Investigator informed Kiewit that while they were still under the noise variance limits, they were getting close to going over the peak noise level allowable. Kiewit employee said he would talk to the supervisor. After this interaction Investigator noted that the back-hoe was shut down and better practices were instituted.
Week of 3/30/2019 - 4/7/2019	no complaints filed through 311 or the hotline	N/A		None	
4/5/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night from 11:30 P.M. until 1:30 A.M. No sound level measurements of the Kiewit project were taken due to noise not being distinguishable from highway traffic noise.	None	No violations were noted from the Kiewit work sites. Work that was taking place by Kiewit was happening at the I-70 & Peoria St. bridge and on the highway throughout the project.
Week of 4/7/2019 - 4/13/2019	no complaints filed through 311 or the hotline	N/A		None	
4/10/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night 4/9/2019 from 10:30 P.M. until 12:30 A.M. No sound level measurements of the Kiewit project were taken due to noise not being distinguishable from highway traffic noise.	None	No violations were noted from the Kiewit work sites. Work that was taking place by Kiewit was happening at the I-70 & Peoria St. bridge, 46th and Columbine and on the highway throughout the project.
Week of 4/14/2019 - 4/20/2019	4/18/19 1 complaint filed through the hotline	Complaint filed with Kiewit Hotline-Complaint was over a mile and a half away. Kiewit explained to complainant that it could not be the I-70 project and asked the complainant to call if it happened again so they could investigate. (26th and Steele)		None	

4/16/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night 4/16/2019 from 8:00 P.M. until 10:00 P.M. No sound level measurements of the Kiewit project were taken due to noise not being distinguishable from highway traffic noise.	None	No violations were noted from the Kiewit work sites. Work that was taking place by Kiewit was happening between Colorado and I-70 to I-270 and I-70, 46th and Columbine.
<b>Week of</b> 4/21/2019 - 4/27/2019	4/26/19 1 complaint filed through 311	Complaint was called in to 311. DDPHE Investigator has tried twice to reach out to complainant with no response. Complaint was called in for noise occurring from 8:30 am - 12:30 pm (during exempted hours), therefore, this is not a violation of the noise ordinance.		N/A	
4/23/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night 4/16/2019 from 10:30 P.M. until 12:30 P.M. No sound level measurements of the Kiewit project were taken due to noise not being distinguishable from highway traffic noise.	None	No violations were noted from the Kiewit work sites. Work that was taking place by Kiewit was happening between Colorado and I-70 to I-270 and I-70, 46th and Josephine and at 47th and York.
<b>Week of</b> 4/28/2019 - 5/4/2019	no complaints filed through 311 or the hotline	N/A		None	
4/30/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night 4/30/2019 from 8:00 P.M. until 10:00 P.M. No sound level measurements of the Kiewit project were taken due to noise not being distinguishable from highway traffic noise.	None	No violations were noted from the Kiewit work sites. Work that was taking place by Kiewit was happening at the I-70 & Peoria St. bridge, 46th and Columbine and on the highway throughout the project.
<b>Week of</b> 5/5/2019 - 5/10/2019	no complaints filed through 311 or the hotline	N/A		None	
5/7/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday 5/7/2019 from 8:00 P.M. until 10:00 P.M. Spot sound level measurements of the Kiewit project were taken at Thompson Ct. and 46th Ave and found to be 68.4 dB(A) at the loudest from a light plant. These measurements are under the required variance sound levels.	None	No violations were noted from the Kiewit work sites. Work that was taking place by Kiewit was happening at the I-70 & Peoria St. bridge, 46th from Thompson Ct to Clayton St and on the highway throughout the project.
<b>Week of</b> 5/12/2019 - 5/18/2019	5/13/19 1 complaint filed through the hotline. No complaints filed through 311.	Complaint filed with Kiewit Hotline. Complaint was from near 36th Ave and Holly St. Kiewit contacted the caller to advise that the 39th Greenway project was more than likely the culprit and provided the project's contact info. to complainant.		None	



5/13/2019	5/13/19 1 complaint filed through the hotline. No complaints filed through 311. see above.	see above	DDPHE noise monitoring was conducted Tuesday night 5/13/2019 from 7:30 P.M. until 9:30 P.M. No sound level measurements of the Kiewit project were taken due to noise not being distinguishable from highway traffic noise.	None	No violations were noted from the Kiewit work sites. Work that was taking place by Kiewit was happening at the I-70 & Peoria St. bridge, 46th and Columbine and on the highway throughout the project.
<b>Week of</b> 5/19/2019 - 5/25/2019	no complaints filed through 311 or the hotline	N/A		None	
5/24/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Thursday night 5/13/2019 from 8:00 P.M. until 10:00 P.M. No sound level measurements of the Kiewit project were taken due to noise not being distinguishable from highway traffic noise.	None	No violations were noted from the Kiewit work sites. Work that was taking place by Kiewit was happening at the I-70 & Peoria St. bridge, 46th and Thompson and on the highway throughout the project.
<b>Week of</b> 5/26/2019 - 6/1/2019	no complaints filed through 311 or the hotline	N/A		None	
5/29/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Wednesday night 5/29/2019 from 8:00 P.M. until 10:00 P.M. No sound level measurements of the Kiewit project were taken due to noise not being distinguishable from highway traffic noise.	None	No violations were noted from the Kiewit work sites. Work that was taking place by Kiewit was happening at the I-70 & I-270 bridge, 46th and Thompson and on the highway throughout the project.
<b>Week of</b> 6/2/2019 - 6/8/2019	no complaints filed through 311 or the hotline	N/A		None	
6/5/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Wednesday night 6/5/2019 from 8:00 P.M. until 10:00 P.M. No sound level measurements of the Kiewit project were taken due to noise not being distinguishable from highway traffic noise and the rain that started at 9PM.	None	No violations were noted from the Kiewit work sites. Work that was taking place by Kiewit was happening at the I-70 & I-270 bridge, 46th and Columbine and on the highway throughout the project.
<b>Week of</b> 6/9/2019 - (to Date)	no complaints filed through 311 or the hotline	N/A		None	
6/5/2019	no complaints filed through 311 or the hotline	N/A	DDPHE noise monitoring was conducted Tuesday night 6/11/2019 from 7:30 P.M. until 9:30 P.M. Sound level measurements of the Kiewit project were taken during this time to measure the drilling being completed at Fillmore and 46th Ave. During one round of drilling sound measured at 8:35pm-8:40ppm L90 57.4 dB(A), Leq: 62.0 dB(A), and the Lmax:76.2 dB(A) behind the sound barrier wall.	None	No violations were noted from the Kiewit work sites. Work that was taking place by Kiewit was happening at the I-70 & I-270 bridge, 46th and Columbine and on the highway throughout the project.