Environmental Intelligence, LLC

February 20, 2019

Mr. Robert Welch
Project Manager
City of Beverly Hills
345 Foothill Road
Beverly Hills, CA 90210

Mr. Daniel Comorre
Sr. Director, Construction Management
Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza, 17th Floor
Los Angeles, CA 90012

Subject: Segment 2 - Purple Line Extension Project ICM Weekly Report
February 10, 2019 – February 16, 2019

Dear Mr. Welch and Mr. Comorre:

Environmental Intelligence, LLC (EI) has been retained by the City of Beverly Hills (COBH) and the Los Angeles County Metropolitan Transportation Authority (Metro) to serve as the independent compliance monitor (ICM) during construction of the Purple Line Extension Project. Monitoring is required to ensure that construction is in compliance with (1) the Memorandum of Agreement (MOA) for Southern California Edison's (SCE's) Advance Utilities Relocation Phase of the Purple Line Extension Project – Segment 2 – Between the City of Beverly Hills and the Los Angeles Metropolitan Transportation Authority (City Agreement No. 384-17), (2) the MOA for the Third Party Advance Utility Relocation Phase of the Purple Line Extension Project – Section 2 - Between the City of Beverly Hills and the Los Angeles Metropolitan Transportation Authority (City Agreement No. 648-17) and (3) the Agreement titled "Demolition and Public Right-of-Way Use Permit for the Los Angeles County Metropolitan Transportation Authority and its Contractor to Clear All Buildings and Existing Improvements at 9430 Wilshire Boulevard, Install Noise Monitoring Equipment and Sound Walls for Future Construction and a Laydown Area for the Wilshire/Rodeo Station of Section Two of the Purple Line Extension Project" (Agreement dated June 5th, 2018). The following information summarizes the ICM monitoring activities that occurred at the Segment 2 site (Rodeo Station site) during the week of February 10, 2019 – February 16, 2019. Construction activities were not conducted on February 10.

Construction activities during the week included welding and installing the gates for the sound wall at the Ace Gallery yard, saw cutting concrete and installing a water meter at the North Canon yard, and fault investigation boring. EI ICMs were present during all construction activities and conducted routine noise measurements at selected noise monitoring locations as well as compliance checks in accordance with the MOAs and associated attachments, exhibits, traffic closure notifications, and traffic management plans. At the conclusion of each work shift, daily monitoring reports were prepared by each ICM. Attachment B (*Daily Monitoring Reports)* provides detailed daily monitoring reports and photographs of construction activities.

VIOLATION SUMMARY

During the week, EI ICMs identified one (1) violation during construction activities. Table I provides a summary of the violation identified during the week of February 10, 2019 – February 16, 2019 and Exhibit 1 provides a location map for the submitted violation. Details for the violation are included as Attachment A. Daily monitoring reports and photographs of construction activities are provided as Attachment B (*Daily*

Monitoring Reports). Daily noise monitoring data are provided in Attachment C (*Noise Monitoring Data Log*).

CONCLUSION

To date, 47 violations have been issued, four (4) of which have been rescinded since the beginning of construction of the Purple Line Extension Project – Segment 2. Project construction activities are ongoing and EI ICMs continue to monitor all construction activities applicable to the MOA on a daily basis.

If you have any questions or comments regarding this letter, please contact me directly at 310.469.8989 or jeremiahgeorge@enviro-intel.com.

Sincerely,

ENVIRONMENTAL INTELLIGENCE, LLC

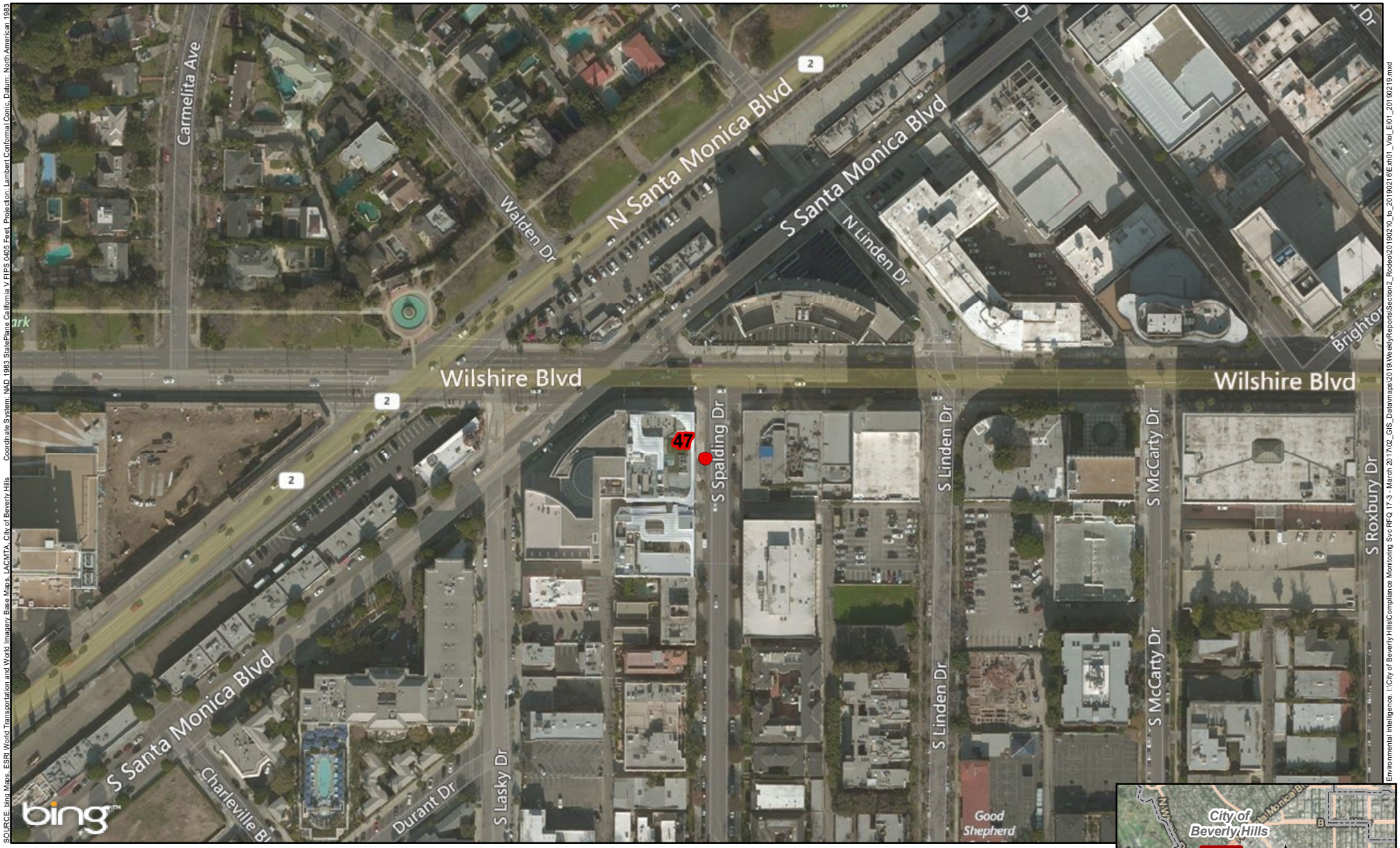
Jeremiah George
Project Manager

Attachments: Attachment A: Violations
Attachment B: Daily Monitoring Reports
Attachment C: Noise Monitoring Data Log

cc: Valerie Mudegoren, City of Beverly Hills
Alexander Cantwell, Los Angeles County Metropolitan Transportation Authority
Kimberly Wilson, Los Angeles County Metropolitan Transportation Authority
David Cooper, Los Angeles County Metropolitan Transportation Authority
Namrata Cariapa, Los Angeles County Metropolitan Transportation Authority
Stacy Sinclair, Los Angeles County Metropolitan Transportation Authority
Hank Scheetz, Los Angeles County Metropolitan Transportation Authority
Brett Barnett, Psomas
Bill Zein, Psomas
Farzad Vakilitabar, Psomas
Alex Kay, City of Beverly Hills

TABLE I: VIOLATION SUMMARY (FEBRUARY 10 – FEBRUARY 16, 2019)

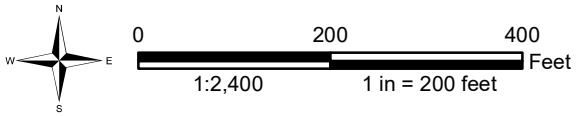
Violation ID	Date	Time	ICM	Location	Condition Violated	Iteration - Violation	Metro Response
47	2/14/2019	00:41	Annamarie Hand	S. Spalding Road enclosure	Noise control plan, permit conditions	1 - Warning	



SOURCE: bing Maps, ESRI World Transportation and World Imagery Base Maps, LACMTA, City of Beverly Hills Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet. Projection: Lambert Conformal Conic. Datum: North American 1983

Environmental Intelligence. I:\City of Beverly Hills\Compliance Monitoring Svc RFQ 17-3 - March 2017\02_GIS_Data\maps\2019\Weekly\Reports\Section2_Rodeo\20190210_to_20190216\E.xmd\1_Viol_El01_20190219.mxd

● Violation Location (with Violation ID)



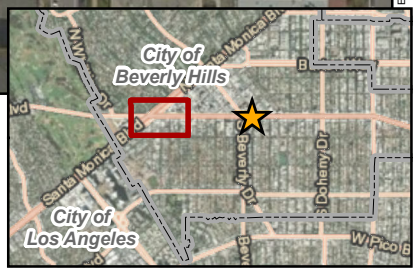


Exhibit 1 : Violation Location (February 10 - February 16, 2019)

Section 2 - Rodeo Station | City of Beverly Hills, CA

Updated: 2/19/2019

Attachment A
Violations

ICM Violation Form - Section 2 AUR MOA 648-17 (1)

UID:1380 **Date**:2/14/2019 **ICM Violation Form - Section 2 AUR MOA 648-17**

Violation Details

1. Violation ID	47
2. Violation Iteration	1 - Warning
3. Time of Violation	00:41; 00:48
4. Address	S. Spalding road enclosure

Applicable Measures

5. Memorandum of Agreement No. 648-17	• Not Applicable
6. Exhibit A: Third Party Utility Permit and City of Beverly Hills Conditions for Approval	• Not Applicable
7. Exhibit D: Metro 5-Step Noise Control Plan for Advanced Utility Work in Beverly Hills	• Not Applicable
8. Other Plans	• Other Plans (see notes)
9. Other Plan Description	Noise control plan, permit conditions.

Latitude: 34.0667451379448
Longitude: -118.408981155022
Elevation: 80.7933044433594

Notes

At approximately 00:41 and 00:48 hours, ICM Annamarie Hand observed a Fugro truck within the S. Spalding Dr. road closure (NC-18) using its backup alarms. This vehicle's backup alarm was not a "low impact alarm". This activity is a violation of applicable noise control measures and permit conditions. The ICM notified Metro Inspector Shanton Rangi and Fugro Foreman John Niles of the violation. This is the first incidence of this violation at this location (within 150 feet) over the last ten days.

Report Tracking: Created by Annamarie Hand on 2/13/2019 8:09:14 PM, Approved by Jeremiah George on 2/14/2019 5:17:47 PM

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Attachment B

Daily Monitoring Reports

2/10/2019 - 2/16/2019

Summaries (9)

Date	Monday, February 11, 2019
Monitor	Yani Pohl
Location	Rodeo
Time	07:45:00 to 16:15:00
Compliant	Yes
Summary	Contractors/Subcontractors: LBI Representatives On-Site: Joe De La Torre (LBI); Luis Garcia (Metro); Phil Lattuca (Psomas), Craig Perry (Twining), Robert Espinoza (TPOG), Casey Underwood (TPOG), Nathan Burch (TPOG), Alex Kay (COBH) Work Location(s): Ace Gallery at 9430 Wilshire Blvd. The ICM was in possession of applicable COBH-approved closure notifications, TCP for the day's work, and the Ace Gallery Demolition Permit. Work was conducted from 8:00 hours to 16:15 hours on February 11th, 2019. EI ICM Yani Pohl met with Metro Inspector Luis Garcia and Foreman Jose Del Torre to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at (93.9) 94.00 dB. Work for the day consisted of welding the gates for the sound wall at the Ace Gallery yard.

Date	Monday, February 11, 2019
Monitor	Annamarie Hand
Location	Rodeo
Time	19:45:00 to 05:15:00
Compliant	Yes
Summary	Contractors/Subcontractors: Fugro; Subsurface Surveys; STV; Global ASR; TPOG; Rincon Representatives On-Site: John Niles (Fugro); Francisco Duarte (STV); Shanton Rangi (Metro); Tony Perez (Psomas); Jesse San Miguel (Global ASR); Vanessa Villanueva (Rincon) Work Location(s): Wilshire Blvd. eastbound number two and three lanes between S. Spalding Dr. and S. Linden Dr.; S. Linden Dr. northbound number one right turn lane approaching Wilshire Blvd. The ICM was in possession of applicable COBH-approved closure notifications and TCP for the night's work from 19:45 hours to 05:15 hours on February 11th, 2019. EI ICM Annamarie Hand met with Fugro Foreman John Niles and Metro Inspector Shanton Rangi to discuss the night's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 (94.00) dB. Work for the night included fault investigation boring on the south side of Wilshire Blvd. several meters east of S. Spalding Dr to S. Linden Ave.

Date	Tuesday, February 12, 2019
Monitor	Yani Pohl
Location	Rodeo
Time	07:45:00 to 16:30:00
Compliant	Yes
Summary	Contractors/Subcontractors: LBI Representatives On-Site: Joe De La Torre (LBI); Luis Garcia (Metro); Phil Lattuca (Psomas), Craig Perry (Twining), Rick Chimal (TPOG), Robert Renteria (METRO), Casey Underwood (TPOG), Nathan Burch (TPOG), Alex Kay (COBH), Mike Ireland (TPOG) Work Location(s): Ace Gallery at 9430 Wilshire Blvd and N Canon yard at 9393 Wilshire Blvd The ICM was in possession of applicable COBH-approved closure notifications, TCP for the day's work, and the Ace Gallery Demolition Permit. Work was conducted from 7:45 hours to 16:30 hours on February 12th, 2019. EI ICM Yani Pohl met with Metro Inspector Luis Garcia and Foreman Jose Del Torre to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at (93.9) 94.00 dB. Work for the day consisted of welding the gates for the sound wall at the Ace Gallery yard and saw cutting concrete at the North Canon yard for the installation of a water meter.

Date	Tuesday, February 12, 2019
Monitor	Annamarie Hand
Location	Rodeo
Time	19:45:00 to 05:30:00
Compliant	Yes
Summary	Contractors/Subcontractors: Fugro; Subsurface Surveys; STV; Global ASR; TPOG Representatives On-Site: John Niles (Fugro); Kelly Shaw (Furgo); Francisco Duarte (STV); Shanton Rangi (Metro); Tony Perez (Psomas); Jesse San Miguel (Global ASR) Work Location(s): Wilshire Blvd. eastbound number two and three lanes between S. Spalding Dr. and S. Linden Dr.; S. Linden Dr. northbound number one right turn lane approaching Wilshire Blvd. The ICM was in possession of applicable COBH-approved closure notifications and TCP for the night's work from 19:45 hours to 05:30 hours on February 12th, 2019. EI ICM Annamarie Hand met with Fugro Foreman John Niles and Metro Inspector Shanton Rangi to discuss the night's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 (94.00) dB. Work for the night included fault investigation boring on the south side of Wilshire Blvd several meters east of S. Spalding Dr to S. Linden Ave.

Date	Wednesday, February 13, 2019
Monitor	Yani Pohl
Location	Rodeo
Time	07:45:00 to 14:00:00
Compliant	Yes
Summary	Contractors/Subcontractors: LBI, TPOG, SE, DMI Representatives On-Site: Joe De La Torre (LBI); Luis Garcia (Metro); Phil Lattuca (Psomas), Rick Chimal (TPOG), Robert Espinoza (TPOG), Edgar Gonzales (SE), Rudolpho Grijalva (DMI) Work Location(s): Ace Gallery at 9430 Wilshire Blvd and N Canon yard at 9393 Wilshire Blvd The ICM was in possession of applicable COBH-approved closure notifications, TCP for the day's work, and the Ace Gallery and N. Canon Demolition Permits. Work was conducted from 7:45 hours to 14:00 hours on February 13th, 2019. EI ICM Yani Pohl met with Metro Inspector Luis Garcia and Foreman Jose Del Torre to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at (93.9) 94.00 dB. Work for the day consisted of installing the gates for the sound wall at the Ace Gallery yard and disconnecting the gas line and installing a water meter at the North Canon yard.

Date	Wednesday, February 13, 2019
Monitor	Annamarie Hand
Location	Rodeo
Time	19:45:00 to 05:30:00
Compliant	No
Summary	Contractors/Subcontractors: Fugro; Subsurface Surveys; STV; Global ASR; TPOG

Representatives On-Site: John Niles (Fugro); Kelly Shaw (Fugro); Shanton Rangi (Metro); Tony Perez (Psomas); Marcos Zamora (Morgner); Devin Dinapoli (Rincon)

Work Location(s): Wilshire Blvd. eastbound number two and three lanes between S. Trenton Dr. and S. Linden Dr.; S. Linden Dr. northbound number one right turn lane approaching Wilshire Blvd; Full closure of all S. Spalding Dr. lanes 20 meters south of Wilshire.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the night's work from 19:45 hours to 05:30 hours on February 13tg, 2019. EI ICM Annamarie Hand met with Fugro Foreman John Niles and Metro Inspector Shanton Rangi to discuss the night's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 (94.00) dB.

Work for the night included fault investigation boring on the south side of Wilshire Blvd. several meters east of Santa Monica Blvd to S. Linden Ave.

Note: Due to continuous rainfall- no sound readings were taken.

Violation ID 47:
At 00:41 and 00:48 hours, ICM Annamarie Hand observed a Fugro truck within the S. Spalding Dr. road closure (NC-18) using its backup alarms. This vehicle's backup alarm was not a "low impact alarm". This activity is a violation of applicable noise control measures and permit conditions. The ICM notified Metro Inspector Shanton Rangi and Fugro Foreman John Niles of the violation. This is the first incidence of this violation at this location over the last ten days.

Date	Thursday, February 14, 2019
Monitor	Annamarie Hand
Location	Rodeo
Time	19:45:00 to 05:30:00
Compliant	Yes
Summary	Contractors/Subcontractors: Fugro; Subsurface Surveys; STV; Morgner; TPOG

Representatives On-Site: John Niles (Fugro); Kelly Shaw (Fugro); Shanton Rangi (Metro); Tony Perez (Psomas); Marcos Zamora (Morgner)

Work Location(s): Wilshire Blvd. eastbound number two and three lanes between S. Trenton Dr. and S. Linden Dr.; S. Linden Dr. northbound number one right turn lane approaching Wilshire Blvd; Full closure of all S. Spalding Dr. lanes 20 meters south of Wilshire.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the night's work from 19:45 hours to 05:30 hours on February 14th, 2019. EI ICM Annamarie Hand met with Fugro Foreman John Niles and Metro Inspector Shanton Rangi to discuss the night's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 (94.00) dB.

Work for the night included fault investigation boring on the south side of Wilshire Blvd. several meters east of Santa Monica Blvd to S. Linden Ave.

Date	Friday, February 15, 2019
Monitor	Yani Pohl
Location	Rodeo
Time	07:45:00 to 14:45:00
Compliant	Yes
Summary	Contractors/Subcontractors: LBI Representatives On-Site: Joe De La Torre (LBI); Luis Garcia (Metro); David Ramirez (PSOMAS) Work Location(s): Ace Gallery at 9430 Wilshire Blvd and N Canon yard at 9393 Wilshire Blvd The ICM was in possession of applicable COBH-approved closure notifications, TCP for the day's work, and the Ace Gallery Demolition Permit. Work was conducted from 7:45 hours to 14:45 hours on February 15th, 2019. EI ICM Yani Pohl met with Metro Inspector Luis Garcia and Foreman Jose Del Torre to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at (93.9) 94.00 dB. Work for the day consisted of constructing the gates for the sound wall at the Ace Gallery yard. LBI crew stopped work and left the Ace Gallery yard from 9:20-10:20 to repair their truck. Rain started at 12:45 and LBI crew halted work at 14:45 due to the rain event.

Date	Friday, February 15, 2019
Monitor	Annamarie Hand
Location	Rodeo
Time	19:45:00 to 05:30:00
Compliant	Yes
Summary	Contractors/Subcontractors: Fugro; Subsurface Surveys; STV; Morgner; TPOG Representatives On-Site: John Niles (Fugro); Kelly Shaw (Furgo); Shanton Rangi (Metro); Tony Perez (Psomas); Marcos Zamora (Morgner); Scott Wardell (TPOG) Work Location(s): Wilshire Blvd. eastbound number two and three lanes between S. Trenton Dr. and S. Linden Dr.; S. Linden Dr. northbound number one right turn lane approaching Wilshire Blvd; Full closure of all S. Spalding Dr. lanes 20 meters south of Wilshire. The ICM was in possession of applicable COBH-approved closure notifications and TCP for the night's work from 19:45 hours to 05:30 hours on February 15th, 2019. EI ICM Annamarie Hand met with Fugro Foreman John Niles and Metro Inspector Shanton Rangi to discuss the night's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 (94.00) dB. Work for the night included fault investigation boring on the south side of Wilshire Blvd. several meters east of Santa Monica Blvd to S. Linden Ave.

Photos

Photos (28)

UID: 1370
Date: Feb 05, 2019
Type: Construction Activity
Latitude: 34.0670877676648
Longitude: -118.408963897237
Elevation: 80.0892791748047

Notes

Photo of crews setting up the drill site on Wilshire Blvd at Spalding Dr.

UID: 1367
Date: Feb 11, 2019
Type: Construction Activity
Latitude: 34.06637
Longitude: -118.398323
Elevation: 234

Notes

Photo shows LBI crew building gates in the Ace Gallery yard.

UID: 1368
Date: Feb 11, 2019
Type: Construction Activity
Latitude: 34.066792
Longitude: -118.398331
Elevation: 217

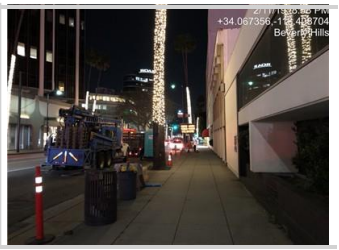
Notes

Photo shows LBI crew welding gates in the Ace Gallery yard.

UID: 1364
Date: Feb 11, 2019
Type: Pre-Activity
Latitude: 34.0673180547638
Longitude: -118.408681456598
Elevation: 85.7177097698138

Notes

Photo shows crews setting up the staging area.



UID: 1365
Date: Feb 11, 2019
Type: Construction Activity
Latitude: 34.0671901563135
Longitude: -118.408678765513
Elevation: 85.8116760253906

Notes

Photo shows fault investigation boring on Wilshire at Linden.

Photos

UID: 1366
Date: Feb 12, 2019
Type: Construction Activity

Latitude: 34.0671319429809
Longitude: -118.408616010661
Elevation: 78.8981323242188

Notes

Photo shows fault investigation boring on Wilshire.

UID: 1374
Date: Feb 12, 2019
Type: Construction Activity

Latitude: 34.066484
Longitude: -118.398064
Elevation: 222

Notes

Photo shows LBI crew putting up gates in the Ace Gallery yard.

UID: 1373
Date: Feb 12, 2019
Type: Construction Activity

Latitude: 34.067467
Longitude: -118.397041
Elevation: 235

Notes

Photo shows TPOG saw cutting concrete at the N. Canon yard for water meter installation.

UID: 1372
Date: Feb 12, 2019
Type: Construction Activity

Latitude: 34.066994
Longitude: -118.398141
Elevation: 234

Notes

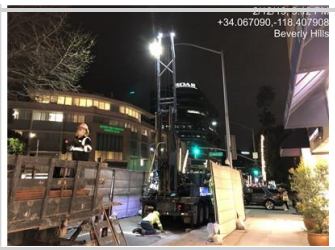
Photo shows LBI crew installing track beam for gates in the Ace Gallery yard.

UID: 1371
Date: Feb 12, 2019
Type: Construction Activity

Latitude: 34.0670667148019
Longitude: -118.408066974409
Elevation: 79.7067413330078

Notes

Photo shows crews setting up the drill site on Wilshire Blvd at Linden Ave.

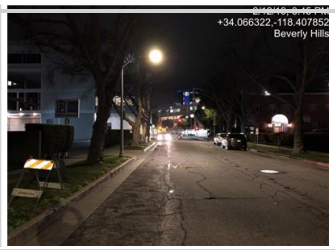


UID: 1369
Date: Feb 13, 2019
Type: Pre-Activity

Latitude: 34.0661781514416
Longitude: -118.407777577978
Elevation: 77.6892547607422

Notes

Photo shows traffic control crews setting up the staging area, closures and the drill site.



Photos

UID: 1382
Date: Feb 13, 2019
Type: General

Latitude: 34.067471
Longitude: -118.396899
Elevation: 221

Notes

Photo shows TPOG crew setting up sound blankets around work area for gas line shut off at the N. Canon yard.

UID: 1383
Date: Feb 13, 2019
Type: Construction Activity

Latitude: 34.067532
Longitude: -118.396982
Elevation: 216

Notes

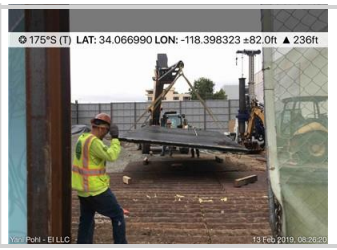
Photo shows SE crew hand digging access hole for gas line shut off at the N. Canon yard.

UID: 1381
Date: Feb 13, 2019
Type: Construction Activity

Latitude: 34.06697
Longitude: -118.398223
Elevation: 236

Notes

Photo shows LBI installing gate panels at the Ace Gallery yard.



UID: 1384
Date: Feb 13, 2019
Type: Construction Activity

Latitude: 34.067582
Longitude: -118.397041
Elevation: 225

Notes

Photo shows DMI water meter installation at the North Canon yard.

UID: 1385
Date: Feb 13, 2019
Type: Construction Activity

Latitude: 34.06749
Longitude: -118.396973
Elevation: 225

Notes

Photo shows SE crew excavating in the North Canon yard.

UID: 1376
Date: Feb 13, 2019
Type: Construction Activity

Latitude: 34.0671345931109
Longitude: -118.408748017152
Elevation: 83.140510559082

Notes

Photo shows drilling work at Wilshire at Spalding.

Photos

UID: 1377
Date: Feb 13, 2019
Type: Construction Activity
Latitude: 34.067096645273
Longitude: -118.408018491259
Elevation: 78.6836318969727

Notes

Photo shows Fugro completing drilling at NC 16 and preparations for moving to the next drill site.

UID: 1378
Date: Feb 14, 2019
Type: Construction Activity
Latitude: 34.0667175876924
Longitude: -118.409002576637
Elevation: 103.885070800781

Notes

Photo shows traffic control setting up the staging area for drilling.

UID: 1387
Date: Feb 14, 2019
Type: Pre-Activity
Latitude: 34.066999851813
Longitude: -118.409073290641
Elevation: 112.759294068768

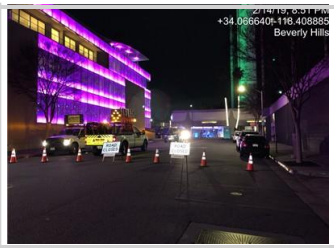
Notes

Photo shows crews setting up sound panels.

UID: 1386
Date: Feb 14, 2019
Type: Pre-Activity
Latitude: 34.0667072530114
Longitude: -118.408994772469
Elevation: 79.4198379516602

Notes

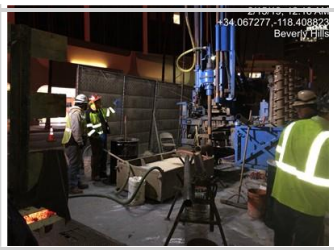
Photo shows crews setting up the staging area, drill sites, and road closures.



UID: 1388
Date: Feb 15, 2019
Type: Construction Activity
Latitude: 34.0670849861018
Longitude: -118.408882031111
Elevation: 80.4690017700195

Notes

Photo shows fault investigation boring work on Wilshire at Spalding.



UID: 1389
Date: Feb 15, 2019
Type: Construction Activity
Latitude: 34.0669865653572
Longitude: -118.409283865478
Elevation: 78.8398519397875

Notes

Photo shows fault investigation boring sample.

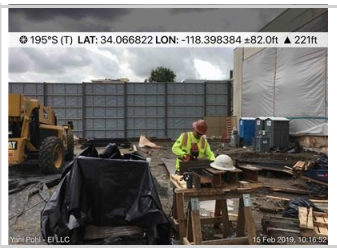
Photos

UID: 1393
Date: Feb 15, 2019
Type: Construction Activity

Latitude: 34.066822
Longitude: -118.398184
Elevation: 221

Notes

Photo shows LBI constructing sound wall gate in the Ace Gallery yard.

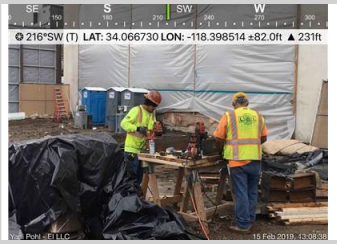


UID: 1394
Date: Feb 15, 2019
Type: Construction Activity

Latitude: 34.06673
Longitude: -118.398214
Elevation: 231

Notes

Photo shows LBI crew grinding steel angle beams for sound wall gates in the Ace Gallery yard.



UID: 1390
Date: Feb 15, 2019
Type: Construction Activity

Latitude: 34.0666209157677
Longitude: -118.408934061791
Elevation: 81.6603927612305

Notes

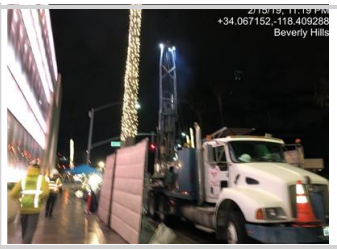
Photo showsf crews setting up the staging area, drill site and road closures.

UID: 1391
Date: Feb 15, 2019
Type: Construction Activity

Latitude: 34.067065528659
Longitude: -118.409104715284
Elevation: 80.1537628173828

Notes

Photo shows fault investigation boring on Wilshire at Spalding / Santa Monica Blvd.



UID: 1392
Date: Feb 15, 2019
Type: Construction Activity

Latitude: 34.0671114079762
Longitude: -118.40893476862
Elevation: 125.614768981934

Notes

Photo shows fault investigation boring on Wilshire at Spalding.

Attachment C – Construction Noise Monitoring Results

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
February 11, 2019					
RD-5	8:25	66.6	66	Yes	LBI crew building gates in Ace Gallery yard. Noise level exceedance caused by lawn mowers.
RD-5	8:44	61.6	66	No	LBI crew building gates in Ace Gallery yard.
RD-7	9:14	70.3	80	No	LBI crew building gates in Ace Gallery yard.
RD-5	9:42	61.1	68	No	LBI crew welding gates in Ace Gallery yard.
RD-5	10:18	59.5	66	No	LBI crew building gates in Ace Gallery yard.
RD-8	10:39	63.5	71	No	LBI crew welding gates in Ace Gallery yard.
RD-5	11:09	60.7	66	No	LBI crew welding gates in Ace Gallery yard.
RD-4	11:35	71.4	80	No	LBI crew welding gates in Ace Gallery yard.
RD-5	12:05	63	65	No	LBI crew breaking for lunch.
RD-5	12:27	63.9	65	No	LBI crew breaking for lunch.
RD-7	12:47	69.7	65	No	LBI crew welding gates in Ace Gallery yard.
RD-8	13:26	65.8	71	No	LBI crew welding gates in Ace Gallery yard.
RD-5	13:45	58.1	68	No	LBI crew welding gates.
RD-5	14:07	59.7	65	No	LBI crew welding gates in Ace Gallery yard.
RD-8	14:31	66.3	70	No	LBI crew welding gates in Ace Gallery yard.
RD-7	14:53	70.7	79	No	LBI crew building gates in Ace Gallery yard.
RD-5	15:19	60.8	66	No	LBI crew building gates in Ace Gallery yard.
RD-5	15:41	60.8	66	No	Trucks exiting Ace Gallery yard.
N2.16	21:03	51.7	63	No	Crews are setting up the staging area, road closures and drill site.
N2.17	21:30	56.1	63	No	Fault investigation boring on Wilshire at Linden/ Spalding.
N2.18	20:00	56.1	65	No	Fault investigation boring on Wilshire at Spalding.
N2.16	20:30	54.4	62	No	Fault investigation boring on Wilshire at Linden.
N2.17	23:00	54.9	63	No	Fault investigation boring on Wilshire at Spalding.
N2.18	23:30	54.6	64	No	Fault investigation boring on Wilshire at Spalding.
February 12, 2019					
N2.16	0:00	48.6	57	No	Fault investigation boring on Wilshire at Linden.
N2.17	0:30	53.9	60	No	Fault investigational boring on Wilshire at Spalding.

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
N2.18	1:00	52.4	59	No	Fault investigation boring on Wilshire at Spalding.
N2.16	2:00	58.8	54	Yes	Fault investigation boring on Wilshire at Linden. Helicopter positively caused noise exceedance.
N2.17	3:00	50.2	56	No	Fault investigational boring on Wilshire at Spalding.
N2.16	3:49	45.8	54	No	Fault investigation boring on Wilshire at Linden.
RD-5	8:31	57.8	66	No	LBI crew building gates in Ace Gallery yard.
RD-7	8:59	67.7	81	No	LBI crew installing track beam for gate at Ace Gallery yard.
RD-5	9:20	61.7	68	No	LBI crew installing track beam at Ace Gallery yard.
RD-9	10:01	71.5	80	No	TPOG trucks entering and exiting N Canon yard.
RD-5	10:27	61.1	66	No	LBI crew installing beams in Ace Gallery yard.
RD-8	10:51	64	71	No	LBI crew building gates in Ace Gallery yard.
RD-5	11:54	62.3	66	No	LBI crew installing track beams for sound wall gates at Ace Gallery yard.
RD-5	12:19	55.8	65	No	LBI crew installing track beam at Ace Gallery yard.
RD-9	12:45	68.9	80	No	TPOG crew saw cutting concrete at N Canon yard.
RD-5	13:24	66.7	68	No	LBI crew installing track beams at Ace Gallery yard.
RD-5	13:43	59.3	68	No	LBI crew installing gates at Ace Gallery yard.
RD-5	14:14	56.6	65	No	LBI crew installing gates at Ace Gallery yard.
RD-4	14:17	59.4	66.1	No	Ambient noise reading; no construction activity above ground.
RD-9	14:33	69.1	79	No	TPOG crew saw cutting concrete at N Canon yard.
RD-7	14:55	78.5	79	No	LBI crew installing gates at Ace Gallery yard.
RD-5	15:14	59.6	68	No	LBI crew installing gates at Ace Gallery yard.
RD-4	15:38	68.3	80	No	LBI crew installing gates at Ace Gallery yard.
N2.16	21:00	56.2	63	No	Fault investigation boring on Wilshire at Linden.
N2.16	21:30	57.3	63	No	Fault investigation boring on Wilshire at Linden.
N2.17	20:00	58.6	64	No	Fault investigation boring on Wilshire at Spalding.
N2.18	20:30	55.5	64	No	Fault investigation boring on Wilshire at Spalding.
N2.16	23:04	53.8	61	No	Fault investigation boring on Wilshire at Linden.
N2.17	23:30	54.8	64	No	Fault investigation boring on Wilshire at Spalding.
February 13, 2019					
N2.18	0:00	54	63	No	Fault investigation boring on Wilshire at Spalding.
N2.16	0:30	48.9	56	No	Fault investigation boring on Wilshire at Linden.

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
N2.16	1:00	49.6	58	No	Fault investigation boring on Wilshire at Linden.
N2.17	2:00	53.5	55	No	Fault investigation boring on Wilshire at Spalding.
N2.18	3:00	48.4	56	No	Fault investigation boring on Wilshire at Spalding.
N2.17	3:45	50.5	57	No	Fault investigation boring on Wilshire at Spalding.
RD-5	8:02	60.3	66	No	LBI crew installing gates at Ace Gallery yard.
RD-7	8:43	73.2	81	No	LBI crew installing gates in Ace Gallery yard.
RD-9	9:41	71.2	81	No	SE crew jackhammering asphalt at N Canon yard.
RD-9	10:04	61.7	NA	No	SE hand digging gas service access hole in N Canon yard. Reading taken at AKA Beverly Hills property line across alley from work.
RD-9	10:24	65.5	NA	No	SE jackhammering asphalt in N Canon yard. Reading taken at AKA Beverly Hills property line across alley from work.
RD-9	11:02	71	80	No	SE crew shutting off gas line at N Canon yard.
RD-9	12:24	70.2	80	No	SE crew filling gas line hole at N Canon yard.
RD-9	12:48	66	NA	No	SE crew cleaning up work site. Noise reading take at AkA Beverly Hills property line across the alley from work area.
February 14, 2019					
N2.17	21:00	55.3	64	No	Fault investigation boring on Wilshire at Spalding.
N2.18	21:30	54	64	No	Fault investigation boring on Wilshire at Spalding. Ambient sounds: janitor pushing trash cans down sidewalk.
N2.17	20:00	54.2	64	No	Fault investigation boring on Wilshire at Spalding.
N2.18	20:30	61	64	No	Fault investigation boring on Wilshire at Spalding. Ambient sounds: Car alarm.
N2.17	23:00	53.7	63	No	Fault investigation boring on Wilshire at Spalding.
February 15, 2019					
N2.17	0:00	51.9	63	No	Fault investigation boring on Wilshire at Spalding.
N2.17	1:00	56.7	59	No	Fault investigation boring on Wilshire at Spalding.
N2.18	2:00	53.8	55	No	Fault investigation boring on Wilshire at Spalding.
N2.17	3:00	50.9	56	No	Fault investigation boring on Wilshire at Spalding.
N2.17	3:56	52.1	57	No	Crews are breaking down the staging area and drill site.

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
RD-5	8:29	58.8	66	No	LBI crew welding gates in Ace Gallery yard.
RD-7	8:48	69.3	81	No	LBI crew welding gates in Ace Gallery yard.
RD-7	9:13	69.3	80	No	LBI crew cutting angle beams for gate in Ace Gallery yard.
RD-5	10:20	67.7	66	Yes	LBI crew building gates in Ace Gallery yard. Noise levels exceeded due to graffiti power washing at Rolex building along Reeves Dr.
RD-5	10:41	61.1	66	No	LBI crew building gates in Ace Gallery yard.
RD-8	11:02	64.2	71	No	LBI crew welding gates in Ace Gallery yard.
RD-5	11:44	59.4	66	No	LBI crew building gates in Ace Gallery yard.
RD-7	12:05	69.8	80	No	LBI crew constructing gates in Ace Gallery yard.
RD-5	12:26	57.6	65	No	LBI crew breaking for lunch.
RD-8	13:43	64	71	No	LBI crew constructing gates at Ace Gallery yard.
N2.17	21:00	53.5	64	No	Crews are setting up the staging area, drill site and road closures.
N2.18	21:30	52.9	64	No	Fault investigation boring on Wilshire at Spalding.
N2.18	20:30	56.5	64	No	Fault investigation boring on Wilshire at Spalding.
N2.17	23:00	57.4	63	No	Fault investigation boring on Wilshire at Spalding. Ambient sounds: Car alarm; conversation with citizen.
N2.18	23:30	53.2	63	No	Fault investigation boring on Wilshire at Spalding.
February 16, 2019					
N2.17	0:30	52.9	60	No	Fault investigation boring on Wilshire at Spalding.
N2.17	1:30	54.1	58	No	Fault investigation boring on Wilshire at Spalding.
N2.17	2:30	54	59	No	Fault investigation boring on Wilshire at Spalding.
N2.18	3:30	49.5	56	No	Fault investigation boring on Wilshire at Spalding.