

# City of Colleyville Oil and Gas Well Drilling and Production – Inspection Report

Well/Pipeline Identification: Trinity  
7504 Pleasant Run  
Colleyville, Texas 76034

Date(s): July 13 – July 20, 2011

Inspector: Christopher Polidore, P.E.  
Belcheff & Associates, Inc.

## General Comments:

As of this report, drilling on the “E” well is complete which completes all drilling at the site.

Along with cementing the production casing, the tentative schedule involves laying down the drill pipe and inspection. Early the week of July 25<sup>th</sup>, cranes and equipment will arrive at the site to dismantle the rig. The rig will then be cleaned and maintenance will be performed on site July 25<sup>th</sup> through July 31<sup>st</sup>. On or about August 1<sup>st</sup>, the rig will be transported off site to its next location in Arkansas. Site cleanup will also be taking place during this time and once the rig is removed from the site, the site will be prepared to await further work sometime next year.

## Noise

Cricket and air traffic noise was the primary cause of noise levels exceeding allowable levels this past week.

## Environmental

Dust within the site, due to the dry conditions, has been contained by the sound walls. The entrance drive has also been kept clean.

## Compliance/Documentation/Reporting

The H&P superintendent will obtain the required permitting for transporting the rig to its new location. Once a date for mobilization is established coordination with Colleyville police, etc. will be made.

## Site Conditions

The site is very dry with no abnormal activity or events.

# Behrens and Associates, Inc.

*Environmental Noise Control*



July 15, 2011

Titan Operating, LLC  
111 West 4<sup>th</sup> Street STE 300  
Fort Worth, Texas 76102

Attention: Tom Strother

Subject: TCC 1H Drill Site Continuous Operational Sound Level Survey

Dear Mr. Strother:

Please find the attached charts displaying the measured operational sound levels at the TCC 1H drill site in Colleyville, TX, from Thursday, July 14, to Friday, July 15, 2011. The charts display the measured hourly average sound levels and the 1-minute average (Leq) sound levels at Monitoring Location #1, (north of drill site), and Monitoring Location #2, (west of drill site).

Please contact me if you have any questions or comments.

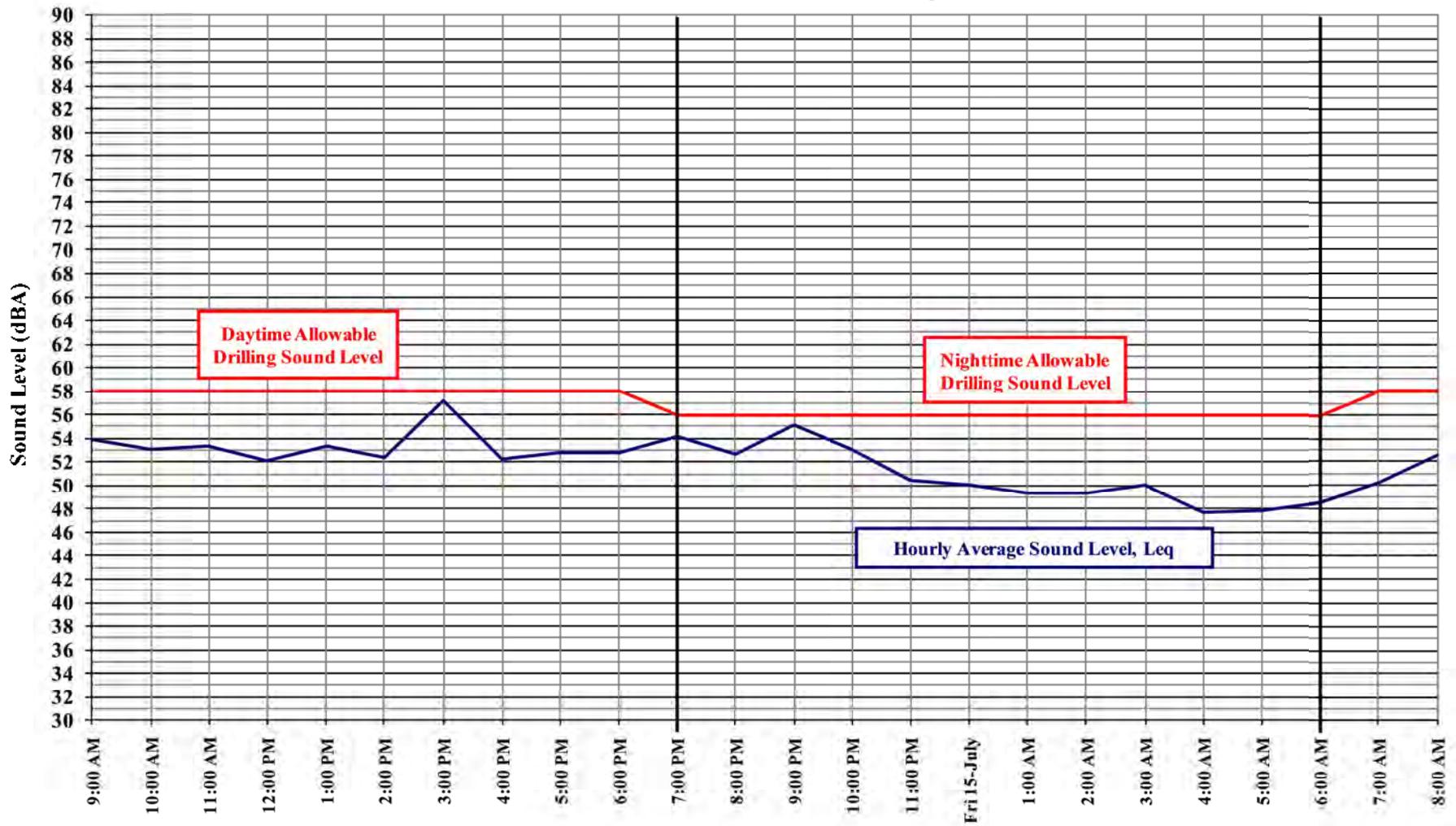
Very truly yours,

Don Behrens  
President  
95-4460624

Attachments



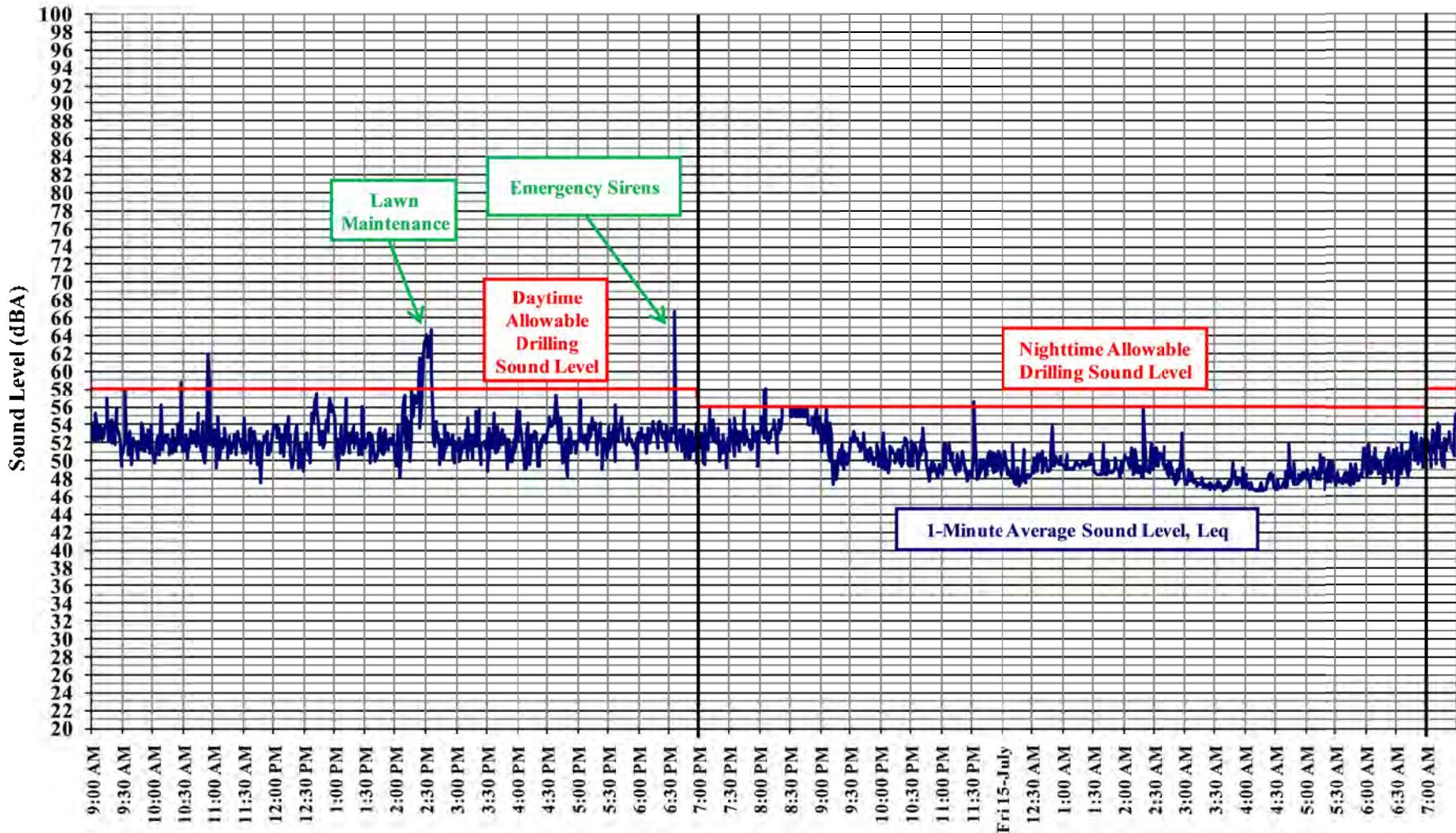
**Titan Operating  
TCC 1H Drill Site - Monitoring Location #1  
Continuous Sound Level Monitoring**



July 14 - July 15, 2011



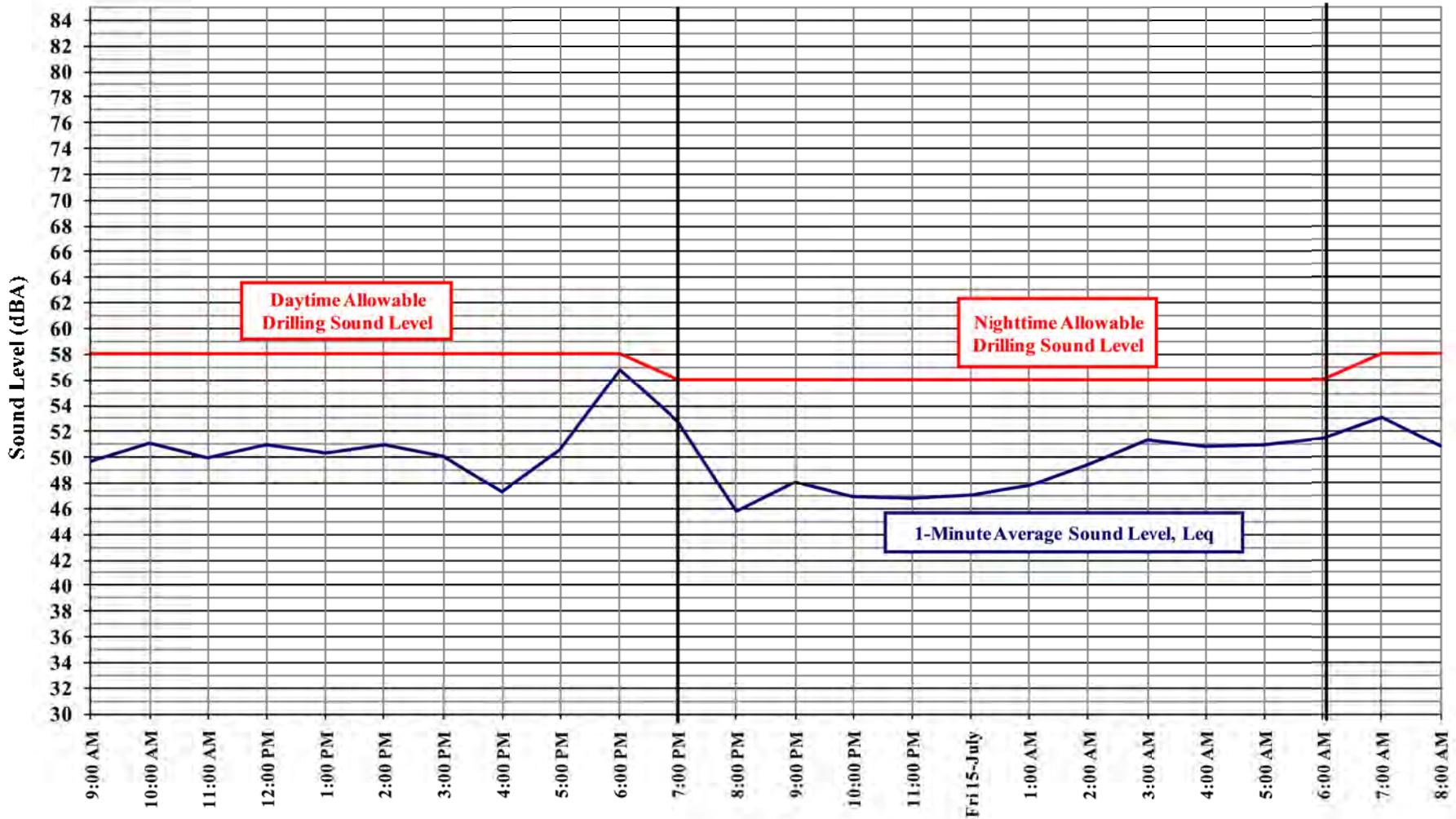
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



July 14 - July 15, 2011



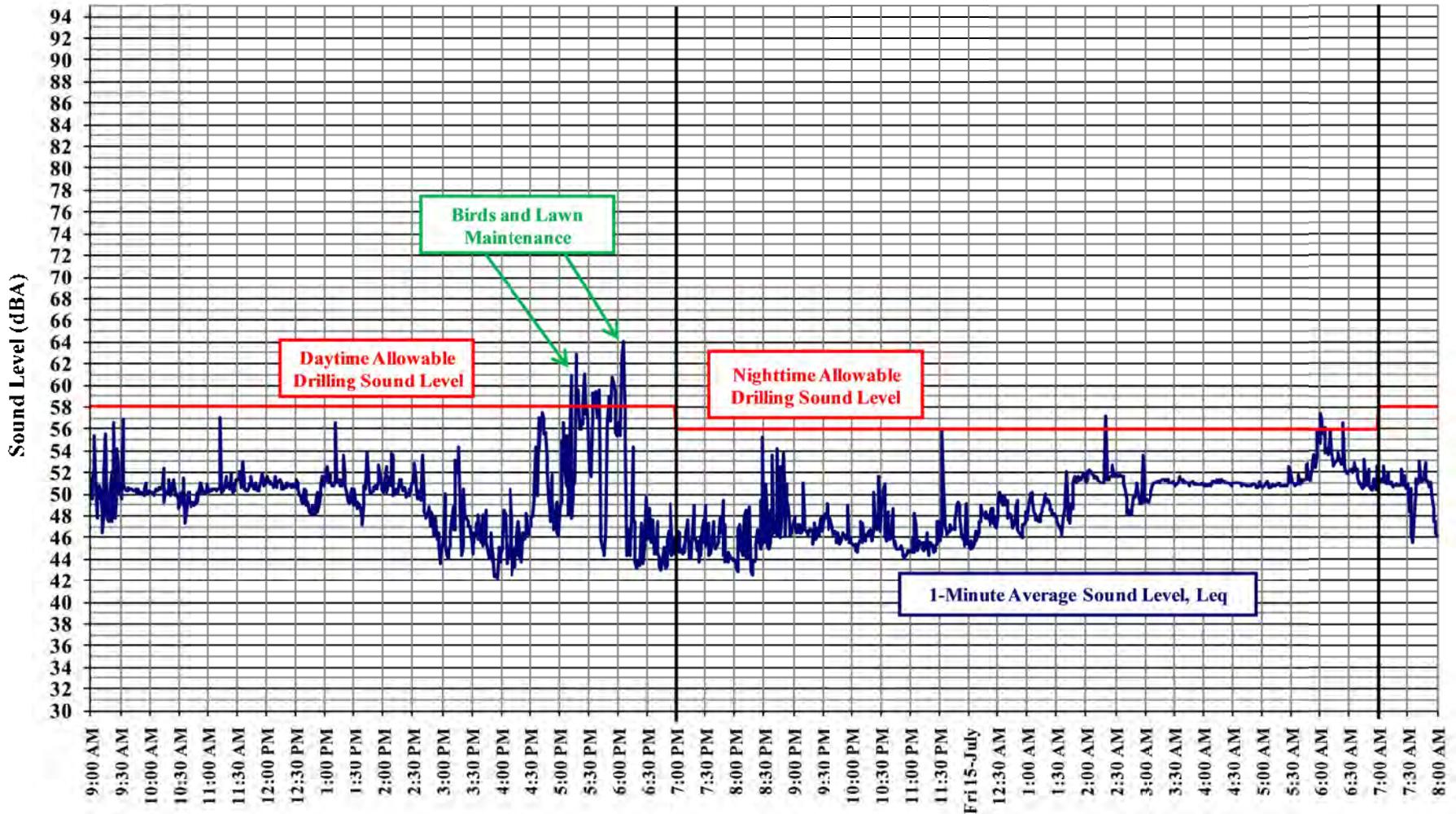
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



July 14 - July 15, 2011



## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



July 14 - July 15, 2011

# **Behrens and Associates, Inc.**

*Environmental Noise Control*



July 15, 2011

Titan Operating, LLC  
111 West 4<sup>th</sup> Street STE 300  
Fort Worth, Texas 76102

Attention: Tom Strother

Subject: TCC 1H Drill Site Continuous Operational Sound Level Survey

Dear Mr. Strother:

Please find the attached charts displaying the measured operational sound levels at the TCC 1H drill site in Colleyville, TX, from Friday, July 15, to Saturday, July 16, 2011. The charts display the measured hourly average sound levels and the 1-minute average (Leq) sound levels at Monitoring Location #1, (north of drill site), and Monitoring Location #2, (west of drill site).

The measured hourly sound levels were out of compliance with the allowable drilling sound levels periodically throughout the duration of the survey. Review of an audio recording made during the monitoring period revealed off-site noise from crickets at Monitoring Location #1 as the cause of the elevated sound levels.

Please contact me if you have any questions or comments.

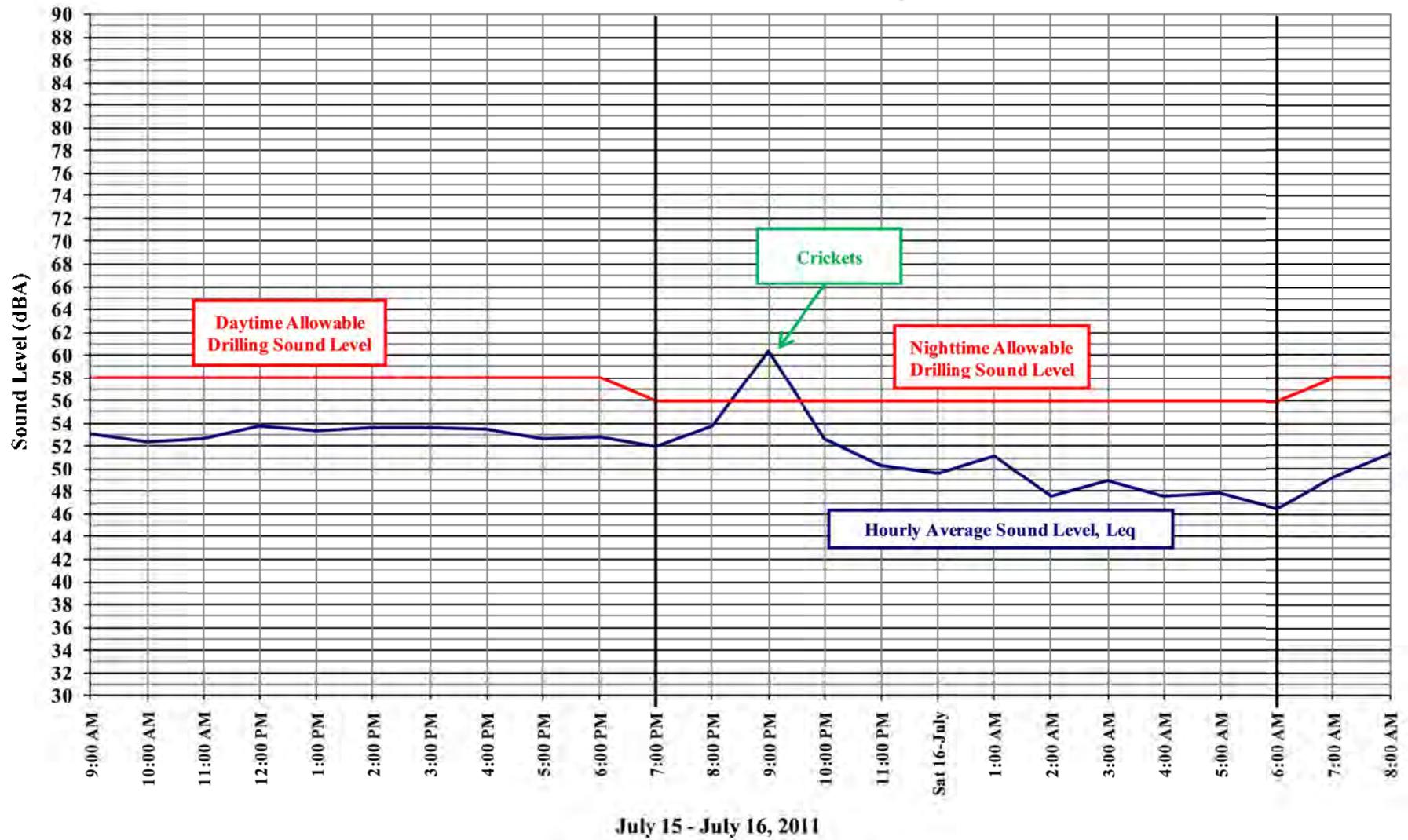
Very truly yours,

Don Behrens  
President  
95-4460624

Attachments

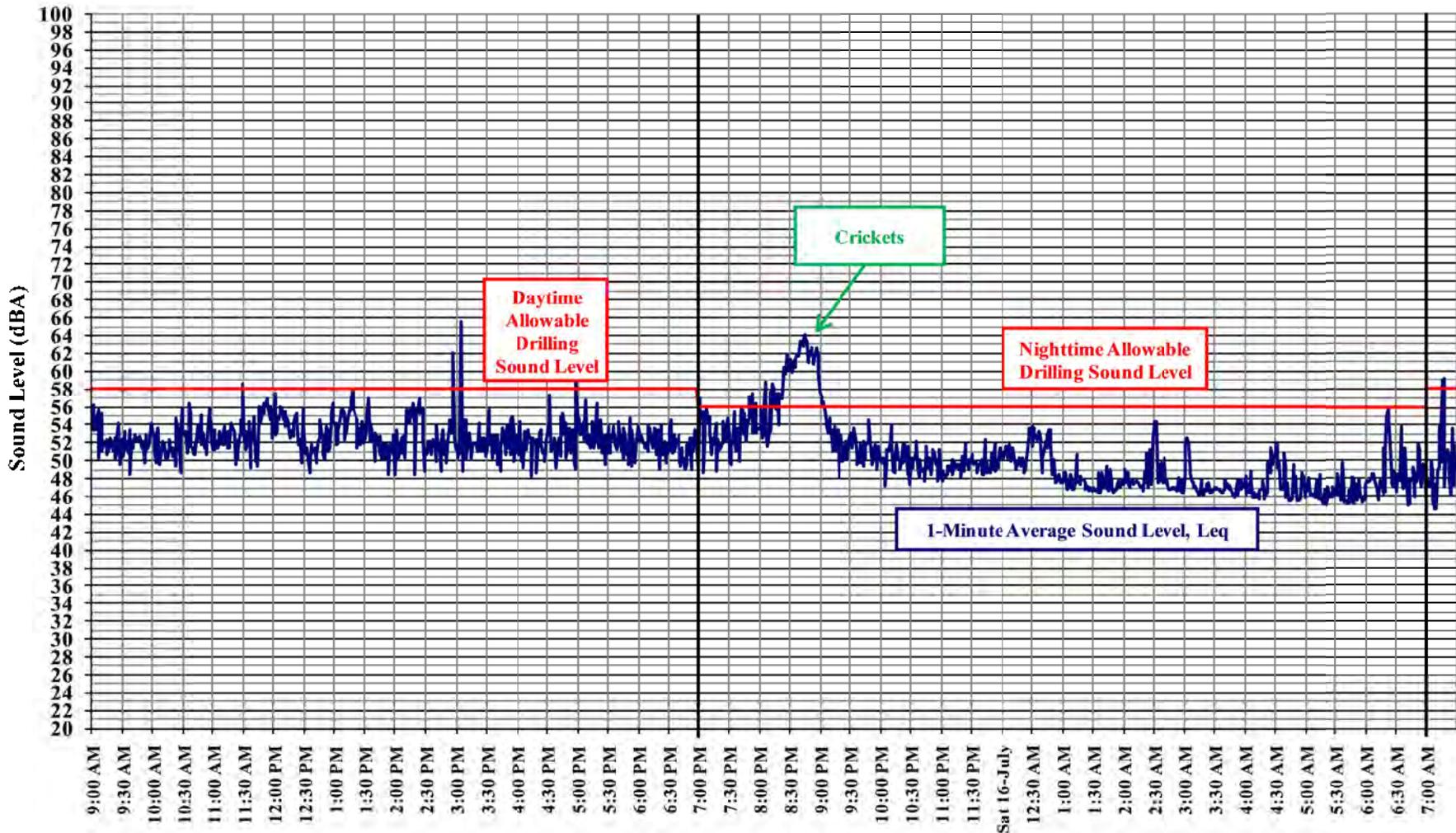


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring





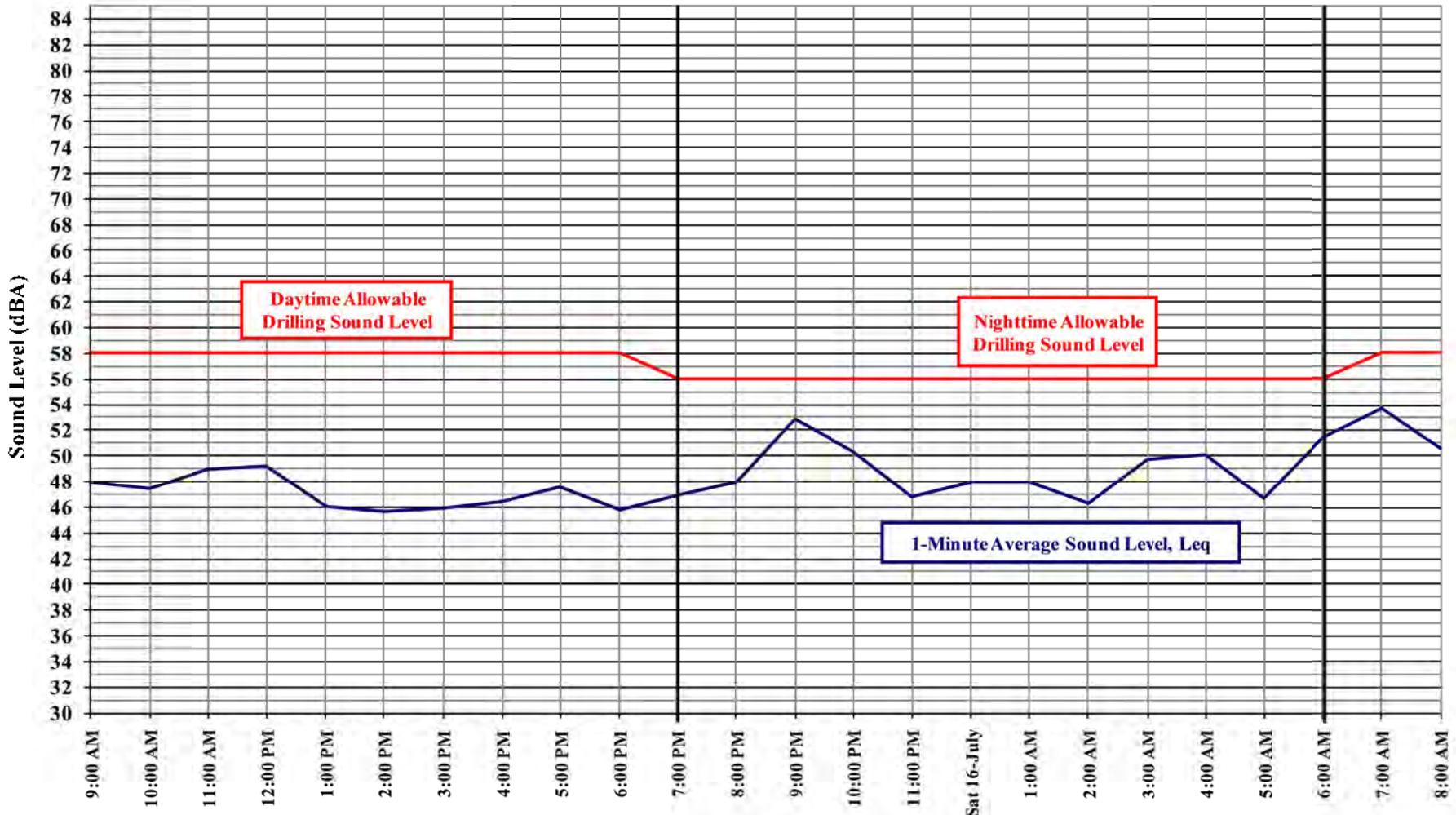
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



July 15 - July 16, 2011



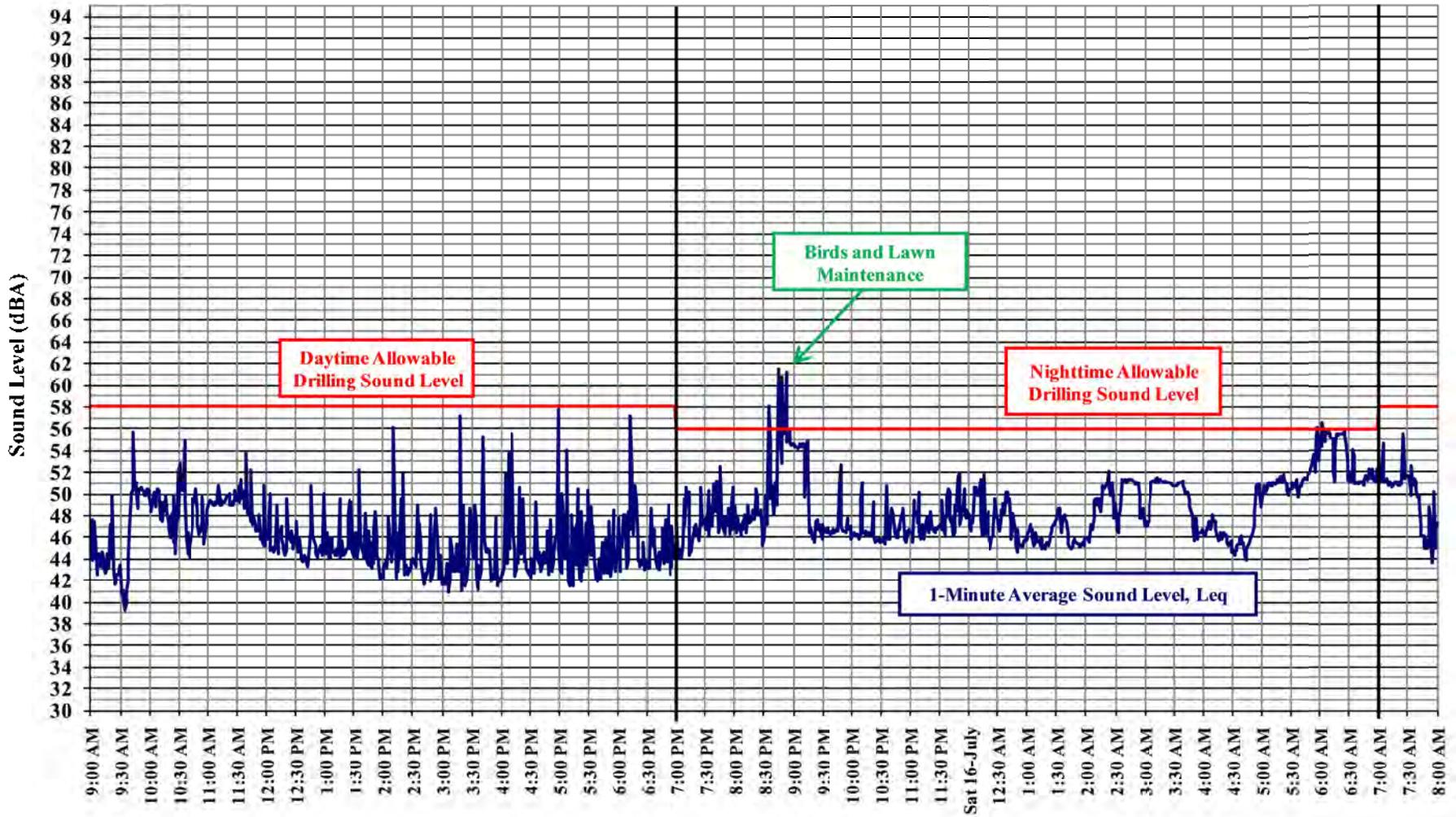
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



July 15 - July 16, 2011



## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



July 15 - July 16, 2011

# **Behrens and Associates, Inc.**

*Environmental Noise Control*



July 17, 2011

Titan Operating, LLC  
111 West 4<sup>th</sup> Street STE 300  
Fort Worth, Texas 76102

Attention: Tom Strother

Subject: TCC 1H Drill Site Continuous Operational Sound Level Survey

Dear Mr. Strother:

Please find the attached charts displaying the measured operational sound levels at the TCC 1H drill site in Colleyville, TX, from Saturday, July 16, to Sunday, July 17, 2011. The charts display the measured hourly average sound levels and the 1-minute average (Leq) sound levels at Monitoring Location #1, (north of drill site), and Monitoring Location #2, (west of drill site).

Please contact me if you have any questions or comments.

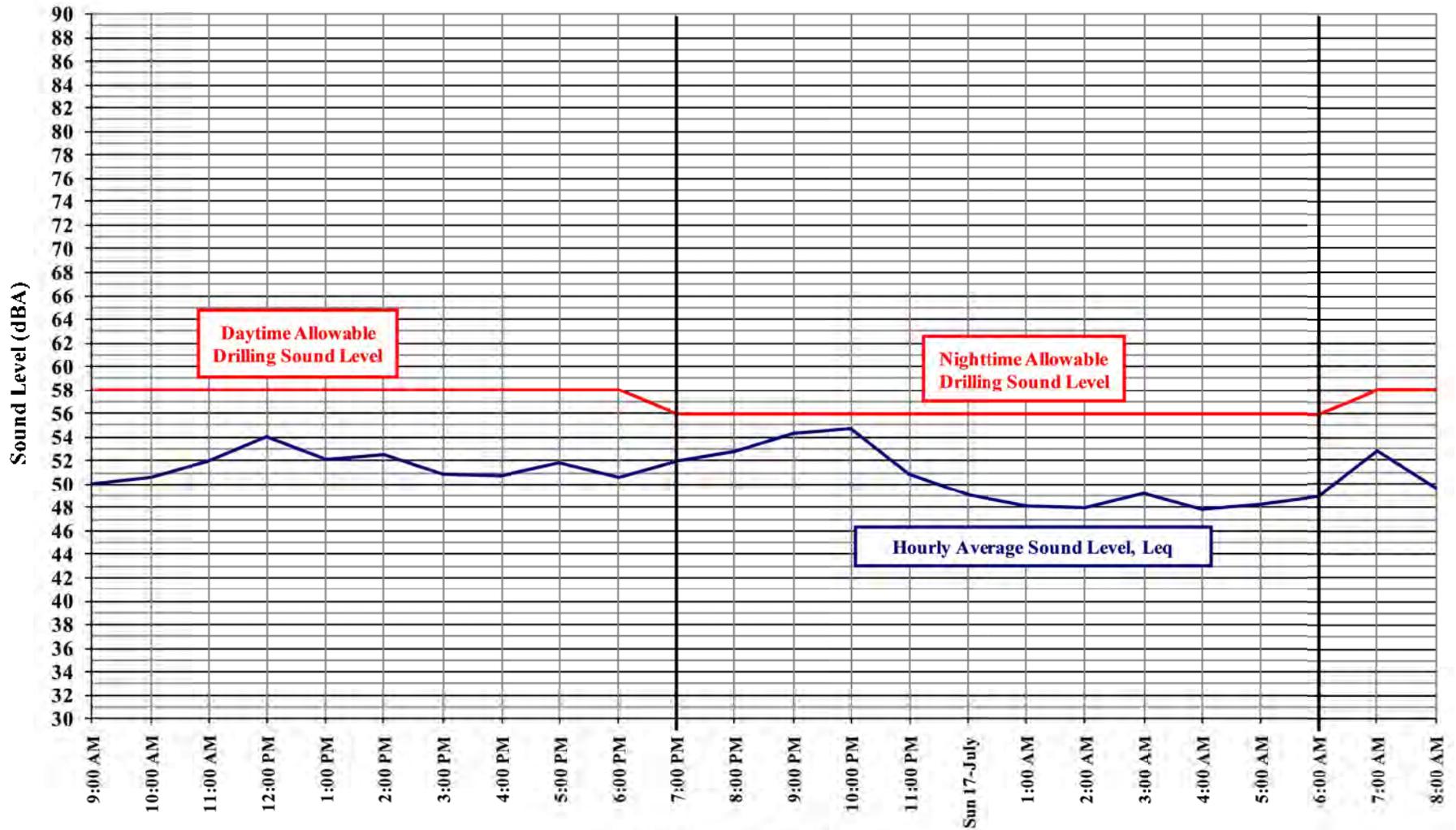
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Don Behrens  
President  
95-4460624

Attachments



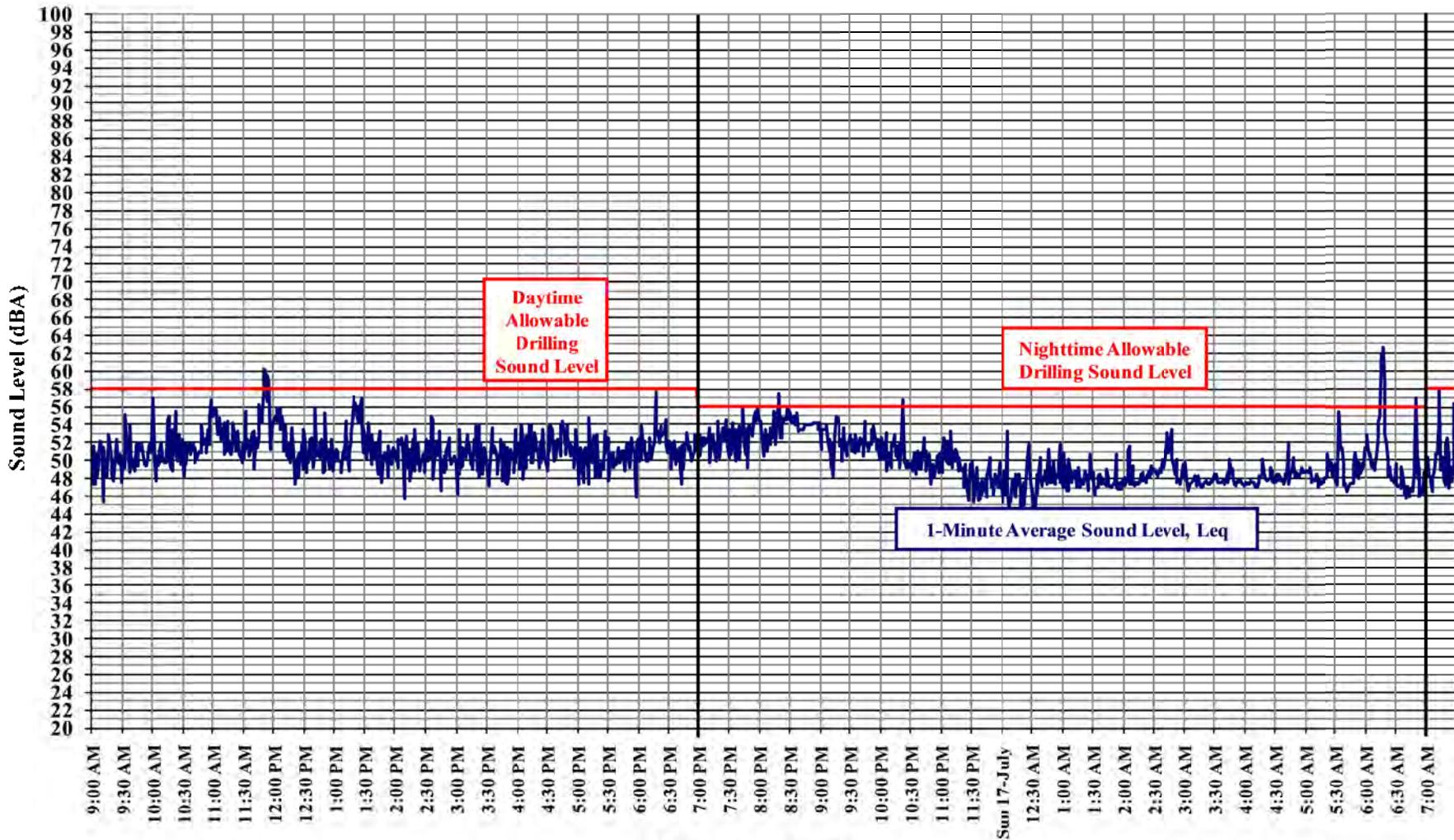
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



July 16 - July 17, 2011



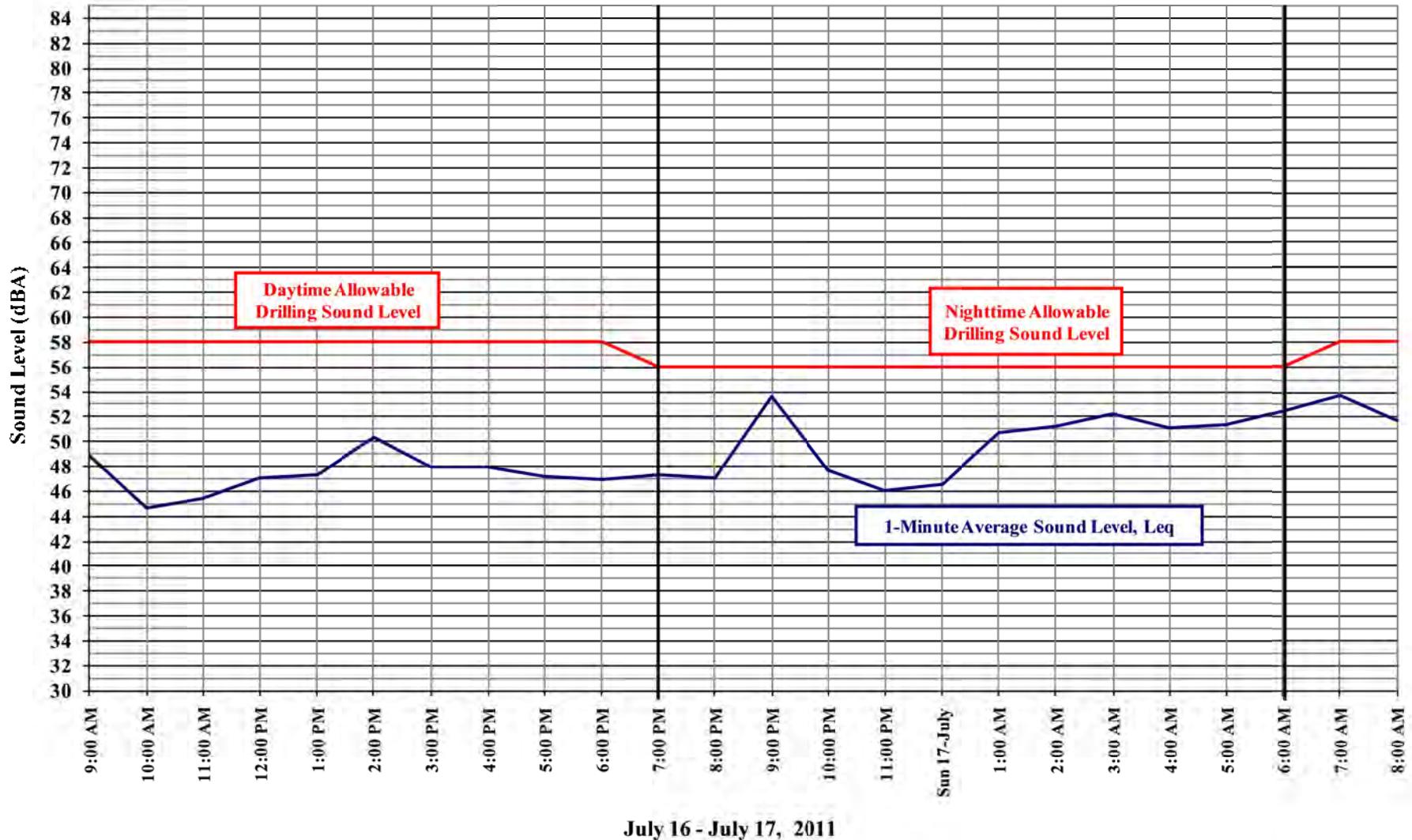
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



July 16 - July 17, 2011

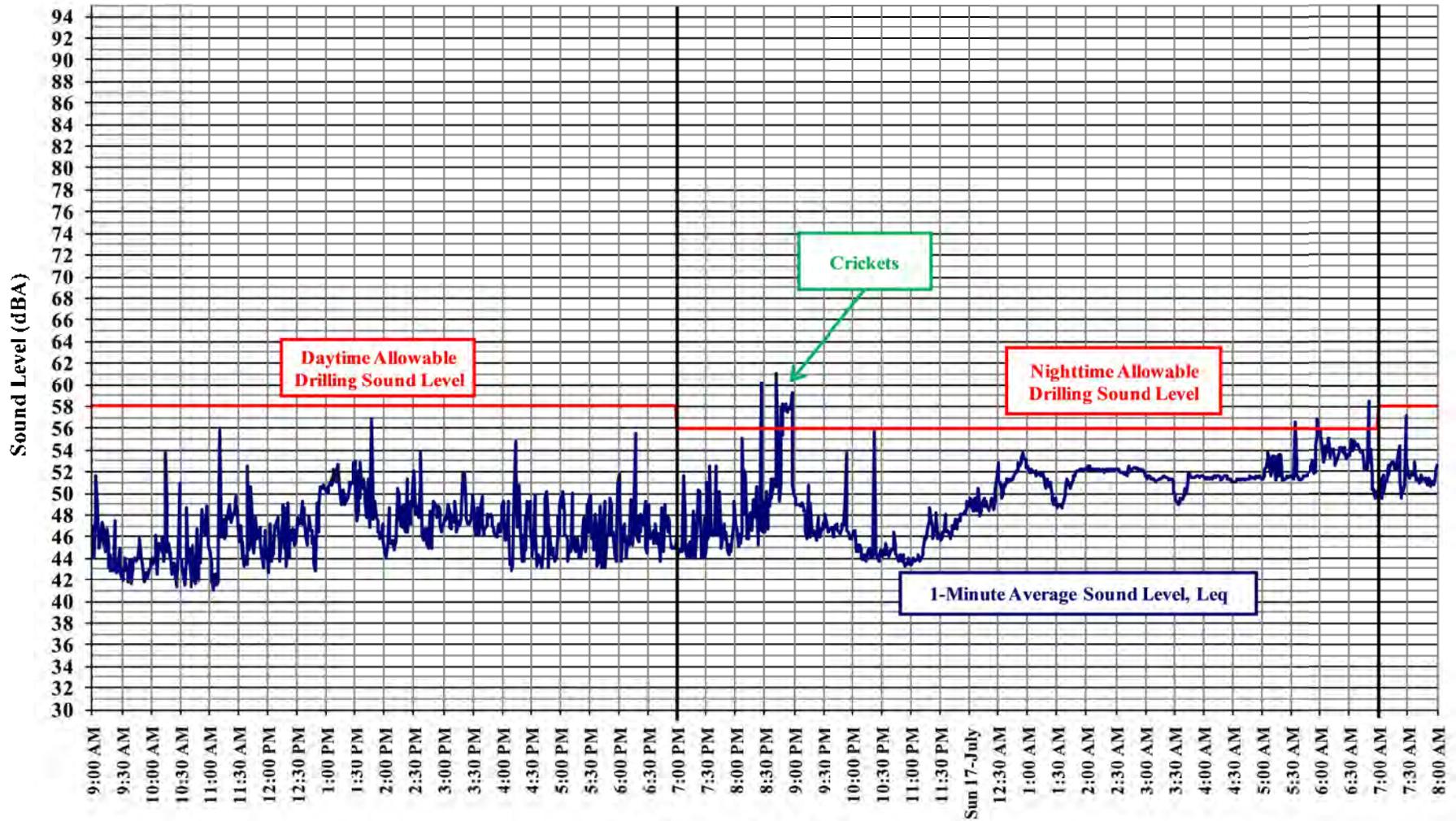


## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring





## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



July 16 - July 17, 2011

# Behrens and Associates, Inc.

*Environmental Noise Control*



July 18, 2011

Titan Operating, LLC  
111 West 4<sup>th</sup> Street STE 300  
Fort Worth, Texas 76102

Attention: Tom Strother

Subject: TCC 1H Drill Site Continuous Operational Sound Level Survey

Dear Mr. Strother:

Please find the attached charts displaying the measured operational sound levels at the TCC 1H drill site in Colleyville, TX, from Sunday, July 17, to Monday, July 18, 2011. The charts display the measured hourly average sound levels and the 1-minute average (Leq) sound levels at Monitoring Location #1, (north of drill site), and Monitoring Location #2, (west of drill site).

The measured hourly sound levels were out of compliance with the allowable drilling sound levels from 8:00 PM – 9:00 PM on Sunday, July 17, 2011. Review of an audio recording made during the monitoring period revealed off-site noise from crickets in the vicinity of the monitoring location as the cause of the elevated sound levels. The second attached chart displays the 1-minute average (Leq) for the period of exceedance.

Please contact me if you have any questions or comments.

Very truly yours,

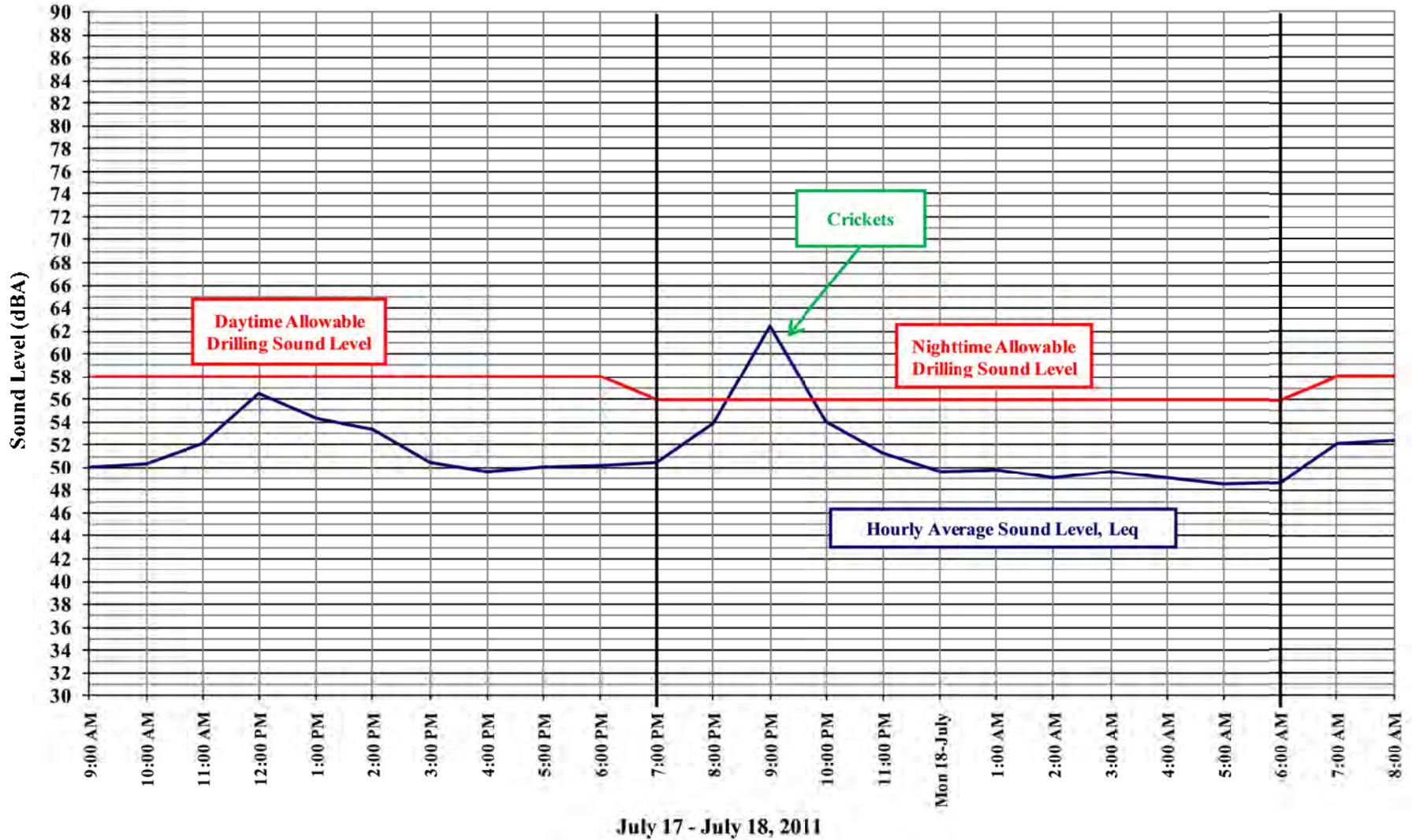
Don Behrens  
President  
95-4460624

Attachments

13806 Inglewood Avenue, Hawthorne, California 90250 ~ Telephone: 310-679-8633 ~ Facsimile: 310-331-1538  
6003 Financial Plaza, Suite 202 A, Shreveport, LA 71129~ Telephone: 318-272-2040 ~ Facsimile: 318-686-5099  
10111 E Bankhead Hwy, Aledo, Texas 76008 ~ Telephone: 817-441-5556 ~ Facsimile: 817-441-5561  
3328 David Drive, Napa, California 94558 ~ Telephone: 707-252-9019 ~ Facsimile: 707-252-8333  
1400 16<sup>th</sup> Street, Suite 400, Denver, Colorado 80202 ~ Telephone: 303-618-5322  
[www.environmental-noise-control.com](http://www.environmental-noise-control.com)

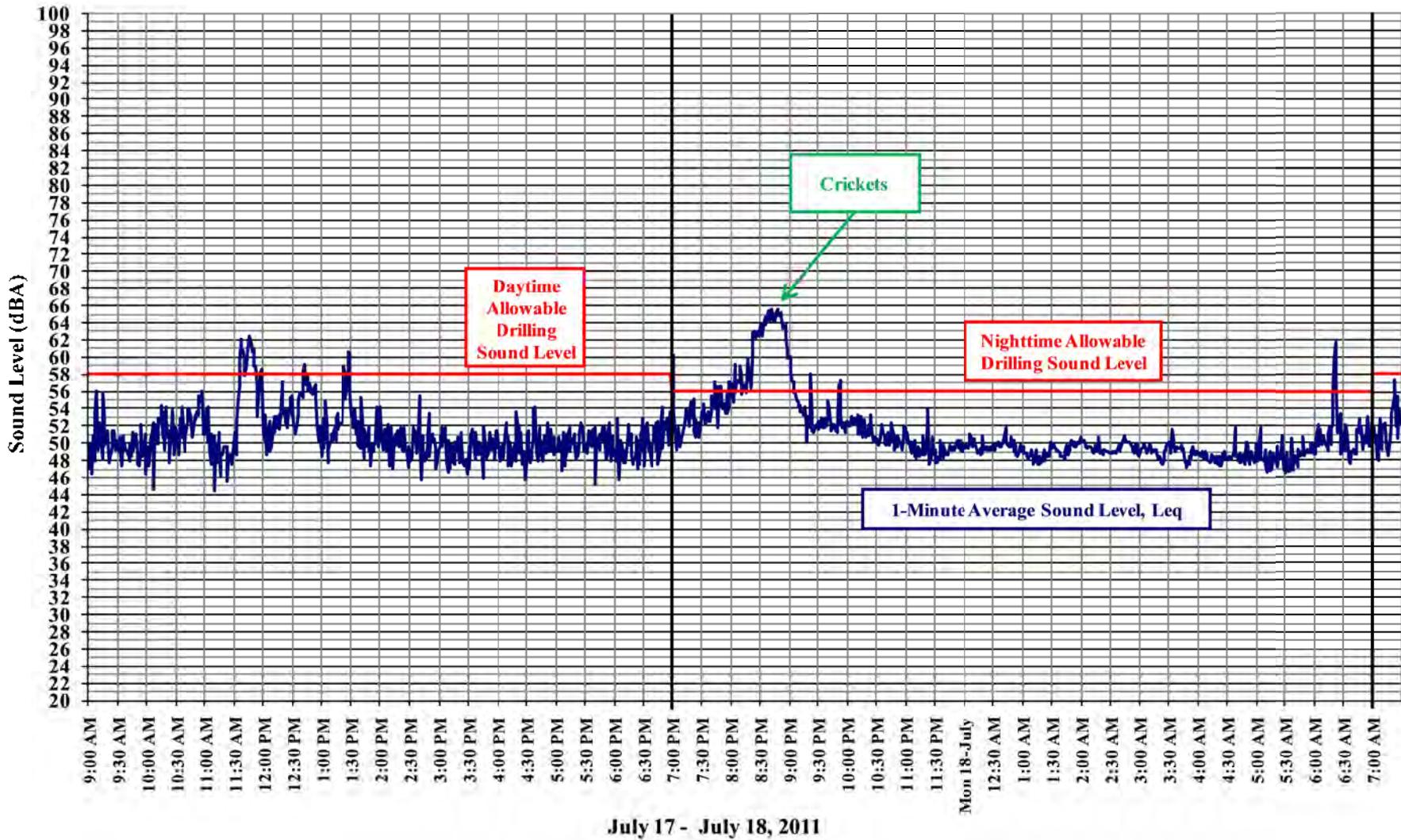


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



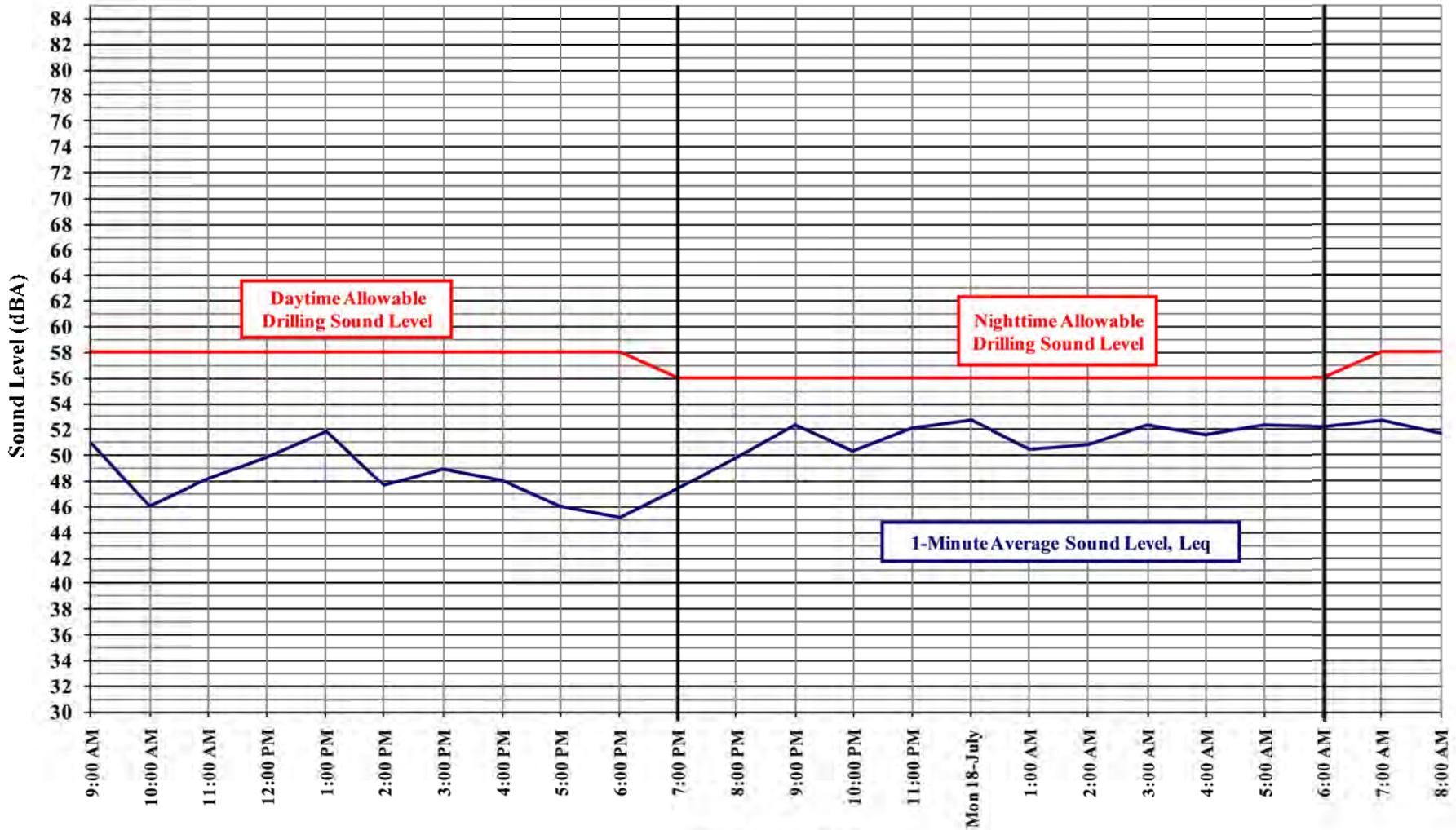


**Titan Operating  
TCC 1H Drill Site - Monitoring Location #1  
Continuous Sound Level Monitoring**





## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



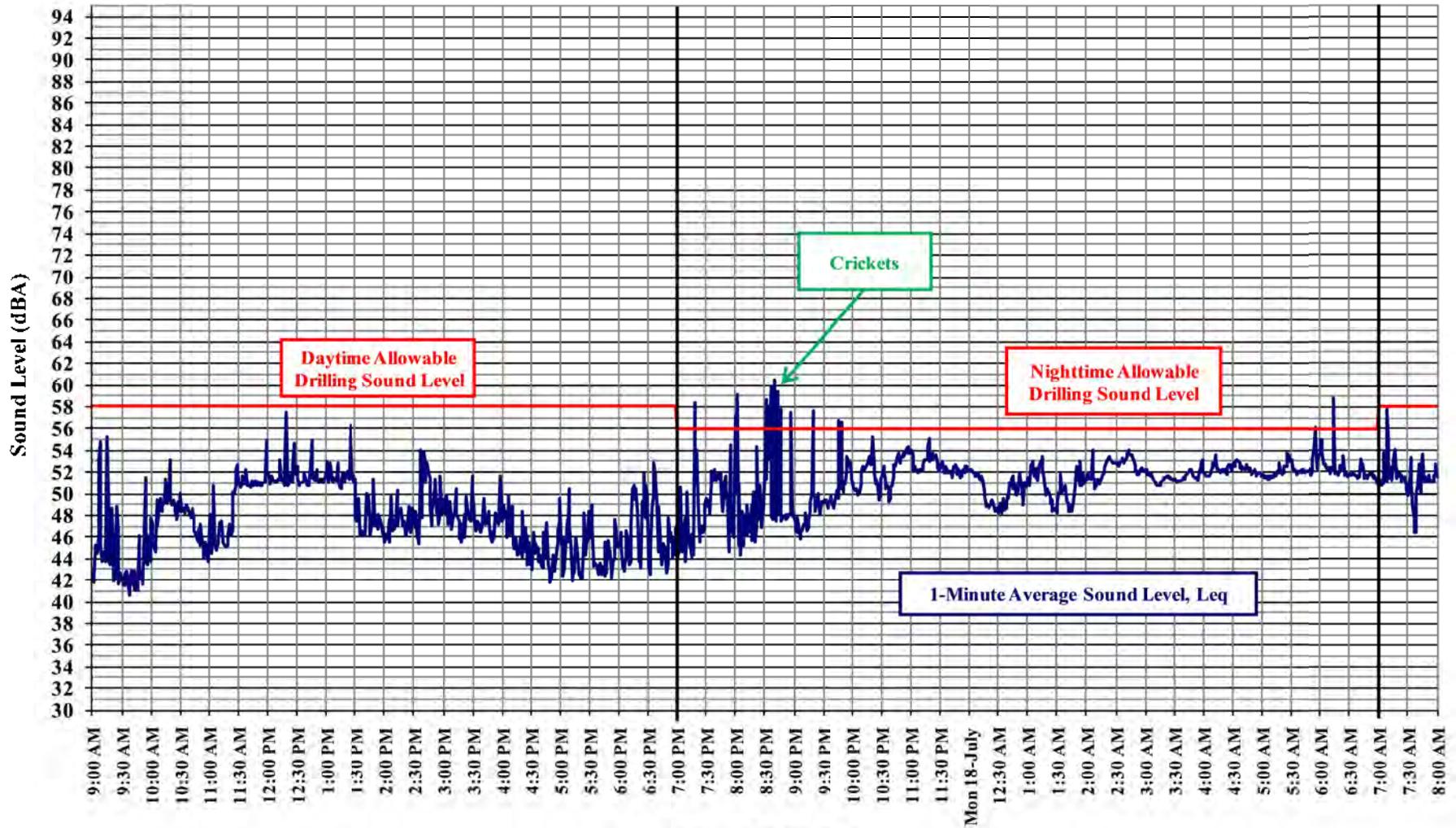
July 17 - July 18, 2011

# Behrens and Associates, Inc.

Environmental Noise Control



## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



July 17 - July 18, 2011

# Behrens and Associates, Inc.

*Environmental Noise Control*



July 19, 2011

Titan Operating, LLC  
111 West 4<sup>th</sup> Street STE 300  
Fort Worth, Texas 76102

Attention: Tom Strother

Subject: TCC 1H Drill Site Continuous Operational Sound Level Survey

Dear Mr. Strother:

Please find the attached charts displaying the measured operational sound levels at the TCC 1H drill site in Colleyville, TX, from Monday, July 18, to Tuesday, July 19, 2011. The charts display the measured hourly average sound levels and the 1-minute average (Leq) sound levels at Monitoring Location #1, (north of drill site), and Monitoring Location #2, (west of drill site).

The measured hourly sound levels were out of compliance with the allowable drilling sound levels periodically throughout the duration of the survey. Review of an audio recording made during the monitoring period revealed off-site noise from air traffic, birds, and crickets at Monitoring Location #1 as the cause of the elevated sound levels.

Please contact me if you have any questions or comments.

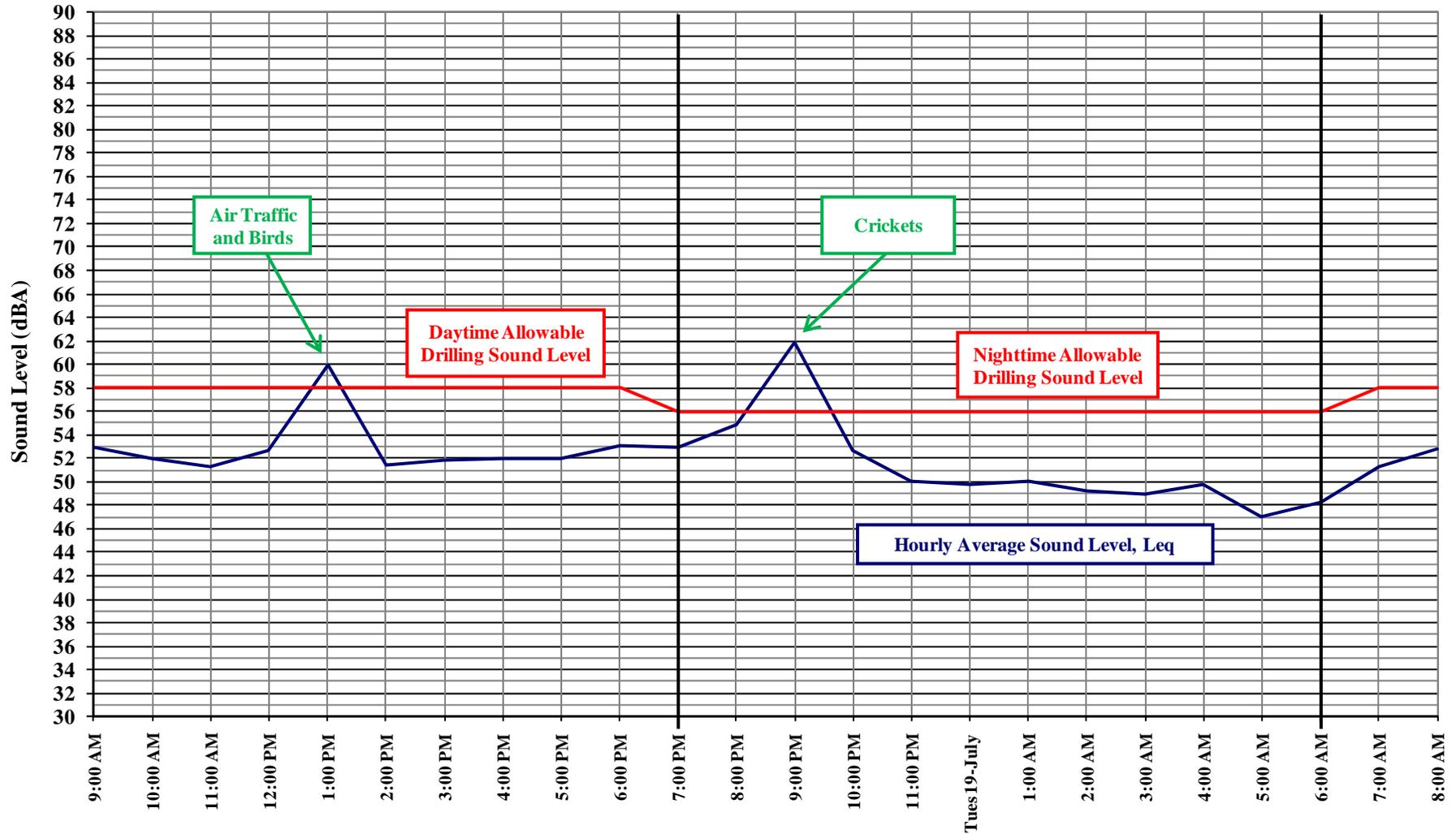
Very truly yours,

Don Behrens  
President  
95-4460624

Attachments



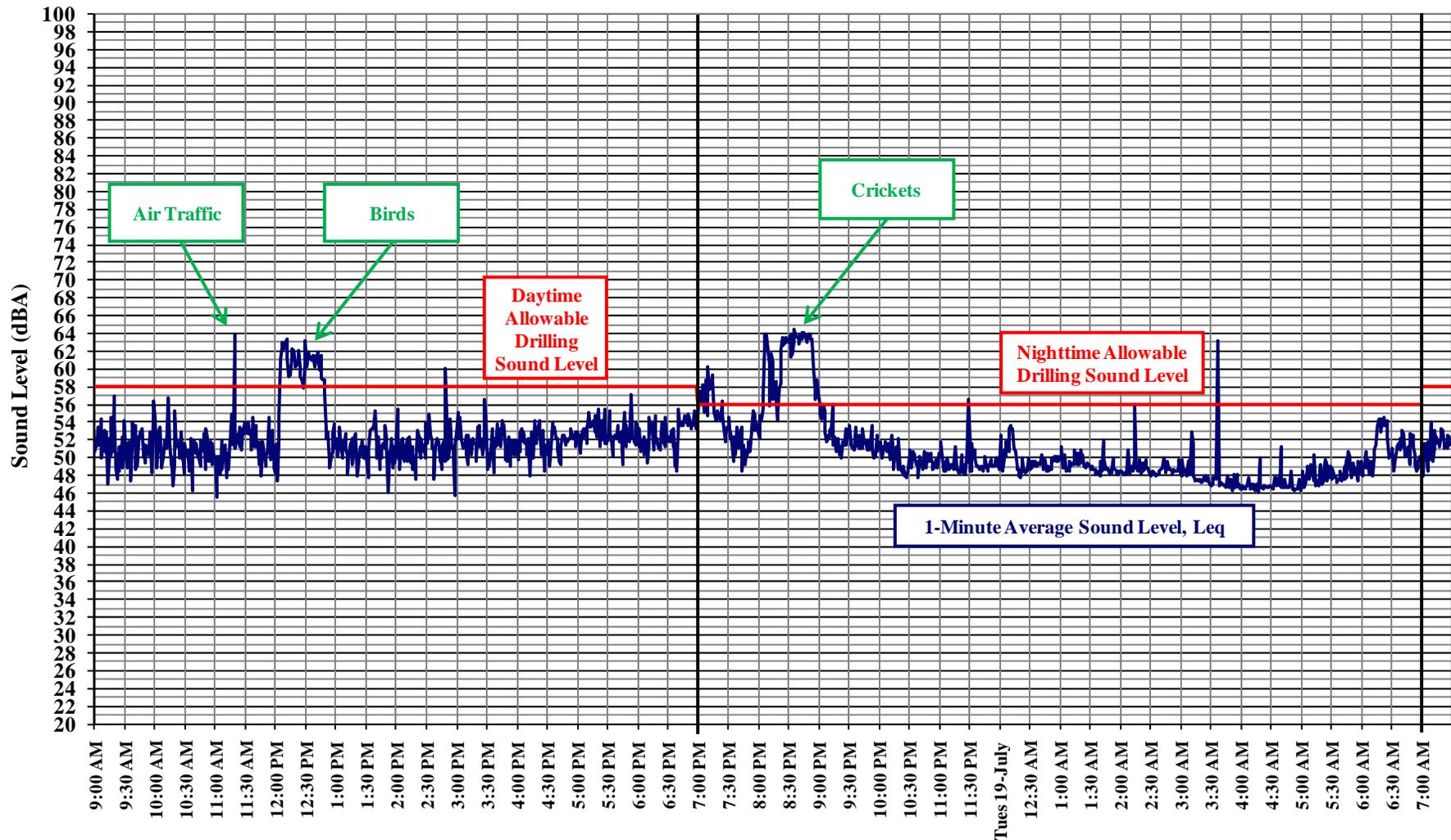
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



July 18 - July 19, 2011



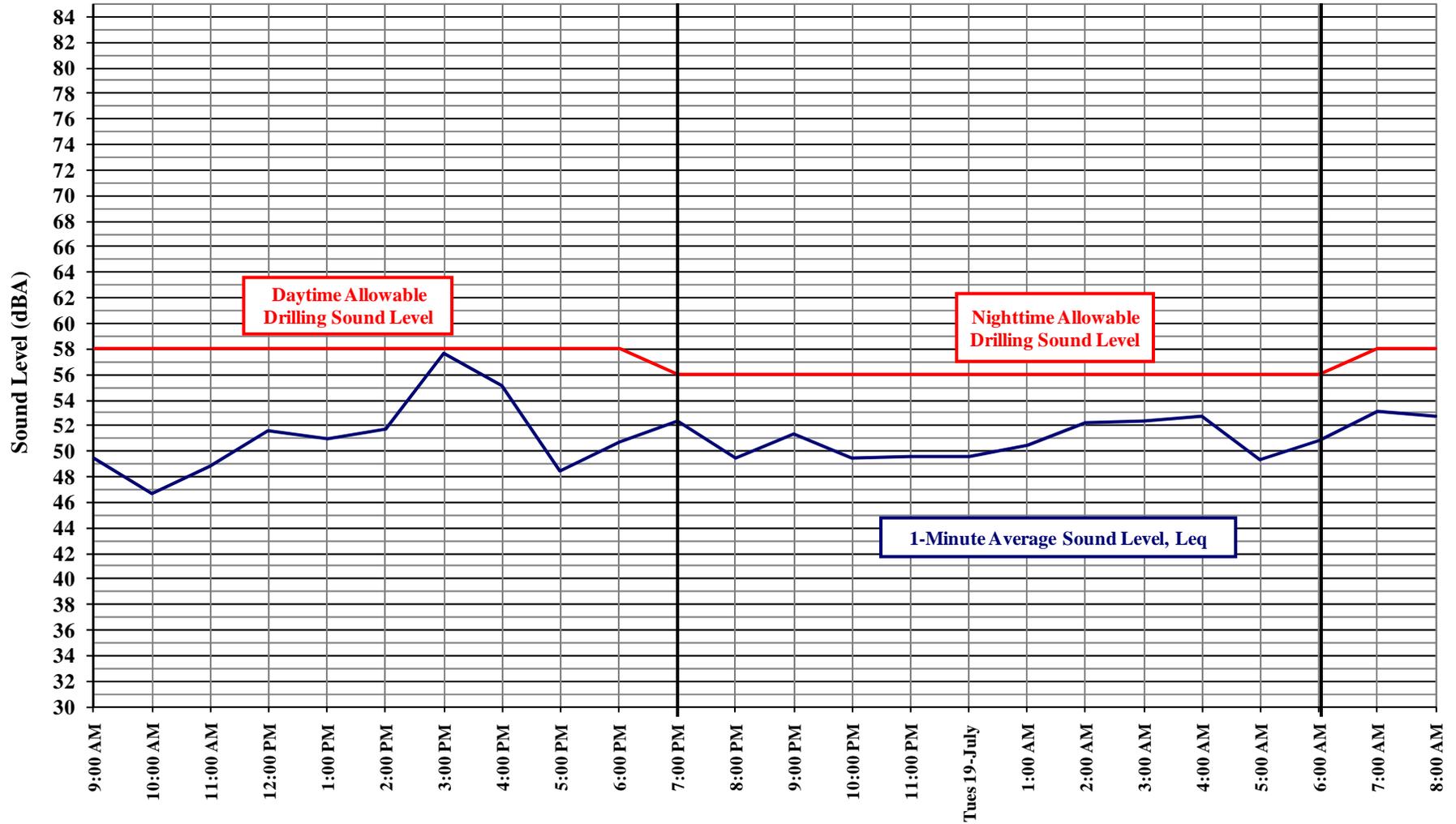
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



July 18 - July 19, 2011



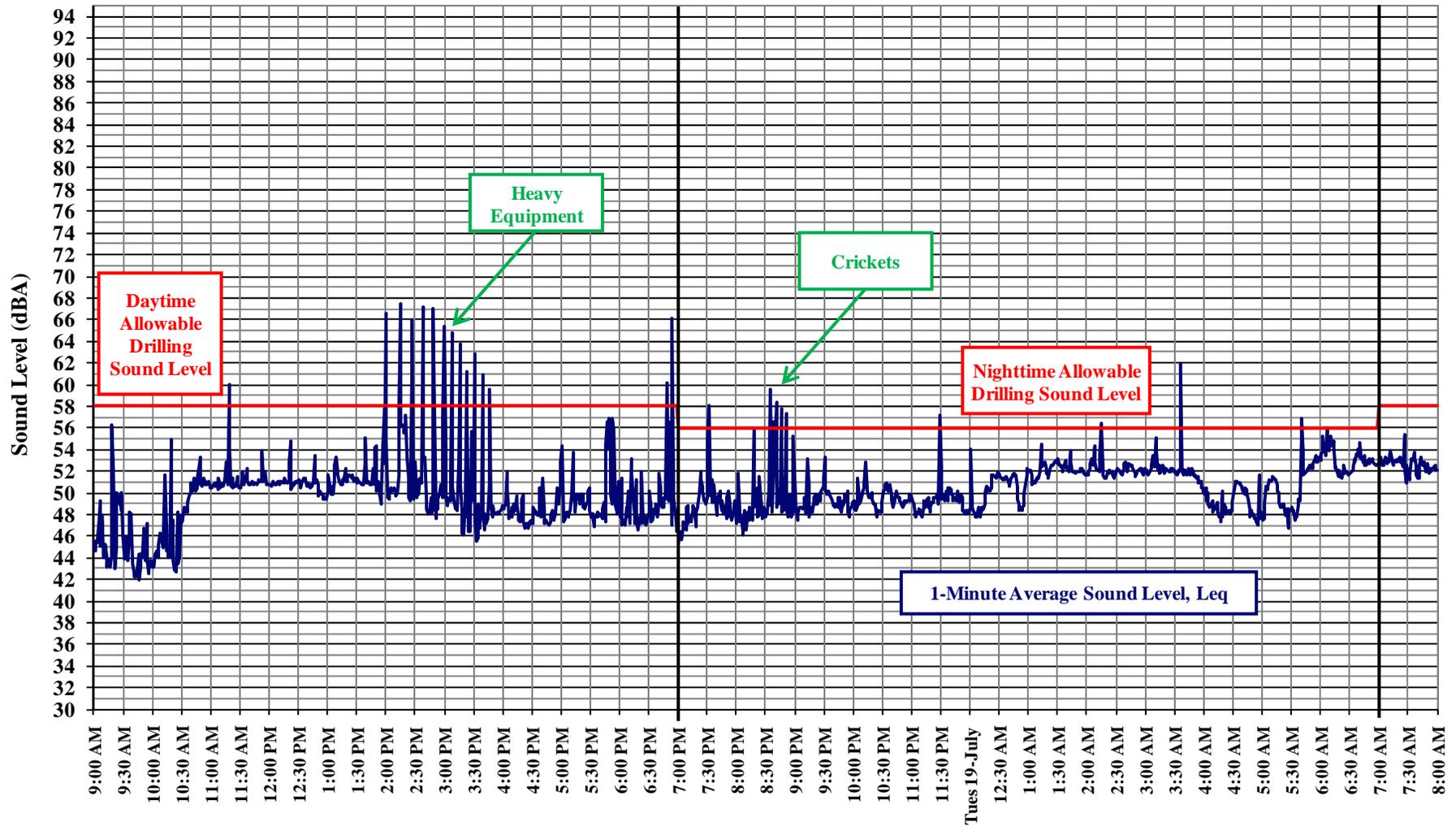
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



July 18 - July 19, 2011



## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



July 18 - July 19, 2011

# Behrens and Associates, Inc.

*Environmental Noise Control*



July 20, 2011

Titan Operating, LLC  
111 West 4<sup>th</sup> Street STE 300  
Fort Worth, Texas 76102

Attention: Tom Strother

Subject: TCC 1H Drill Site Continuous Operational Sound Level Survey

Dear Mr. Strother:

Please find the attached charts displaying the measured operational sound levels at the TCC 1H drill site in Colleyville, TX, from Tuesday, July 19, to Wednesday, July 20, 2011. The charts display the measured hourly average sound levels and the 1-minute average (Leq) sound levels at Monitoring Location #1, (north of drill site), and Monitoring Location #2, (west of drill site).

The measured hourly sound levels were out of compliance with the allowable drilling sound levels periodically throughout the duration of the survey. Review of an audio recording made during the monitoring period revealed off-site noise from air traffic and crickets at Monitoring Location #1 and birds and crickets at Monitoring Location #2 as the cause of the elevated sound levels.

Please contact me if you have any questions or comments.

Very truly yours,

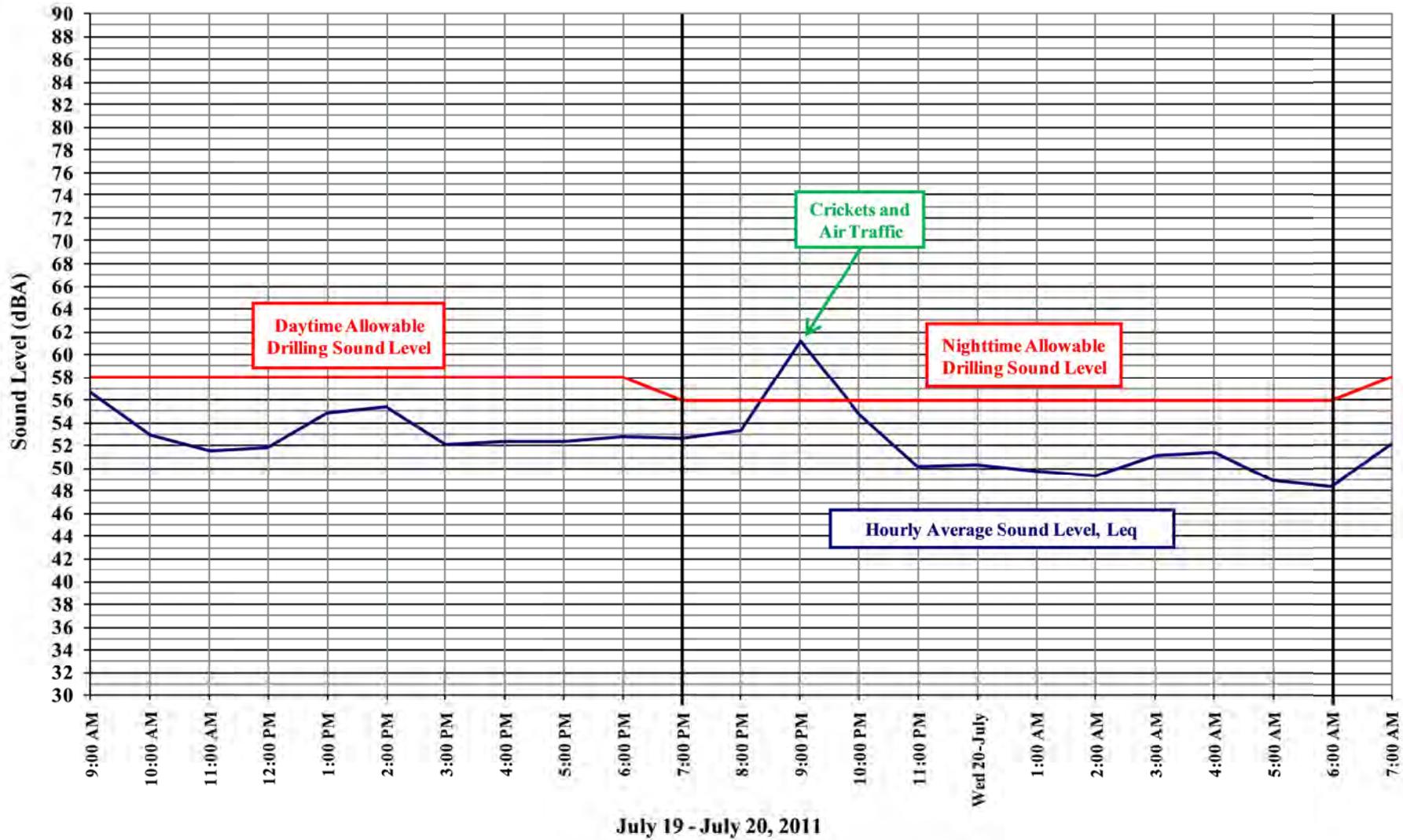
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President  
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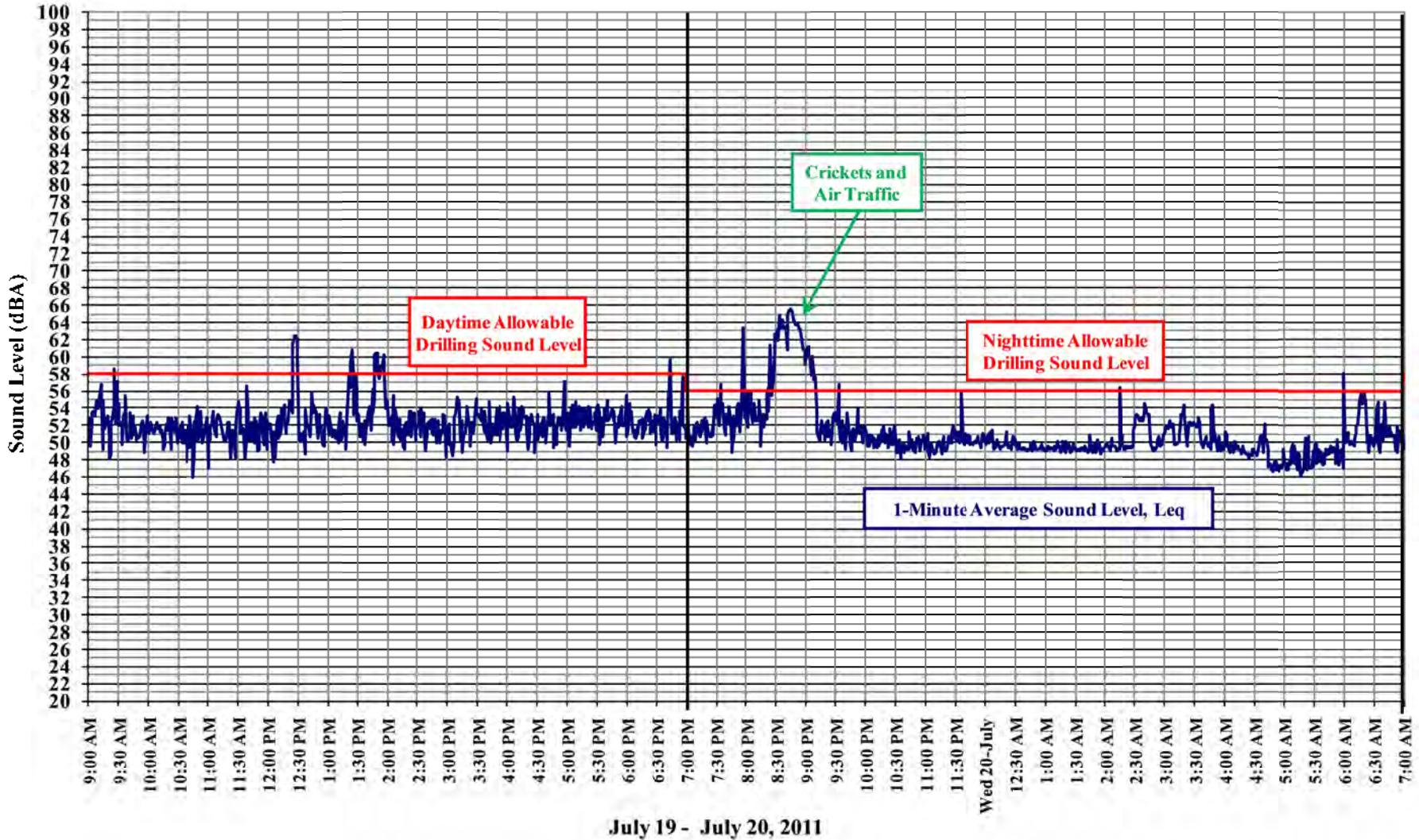


**Titan Operating  
TCC 1H Drill Site - Monitoring Location #1  
Continuous Sound Level Monitoring**



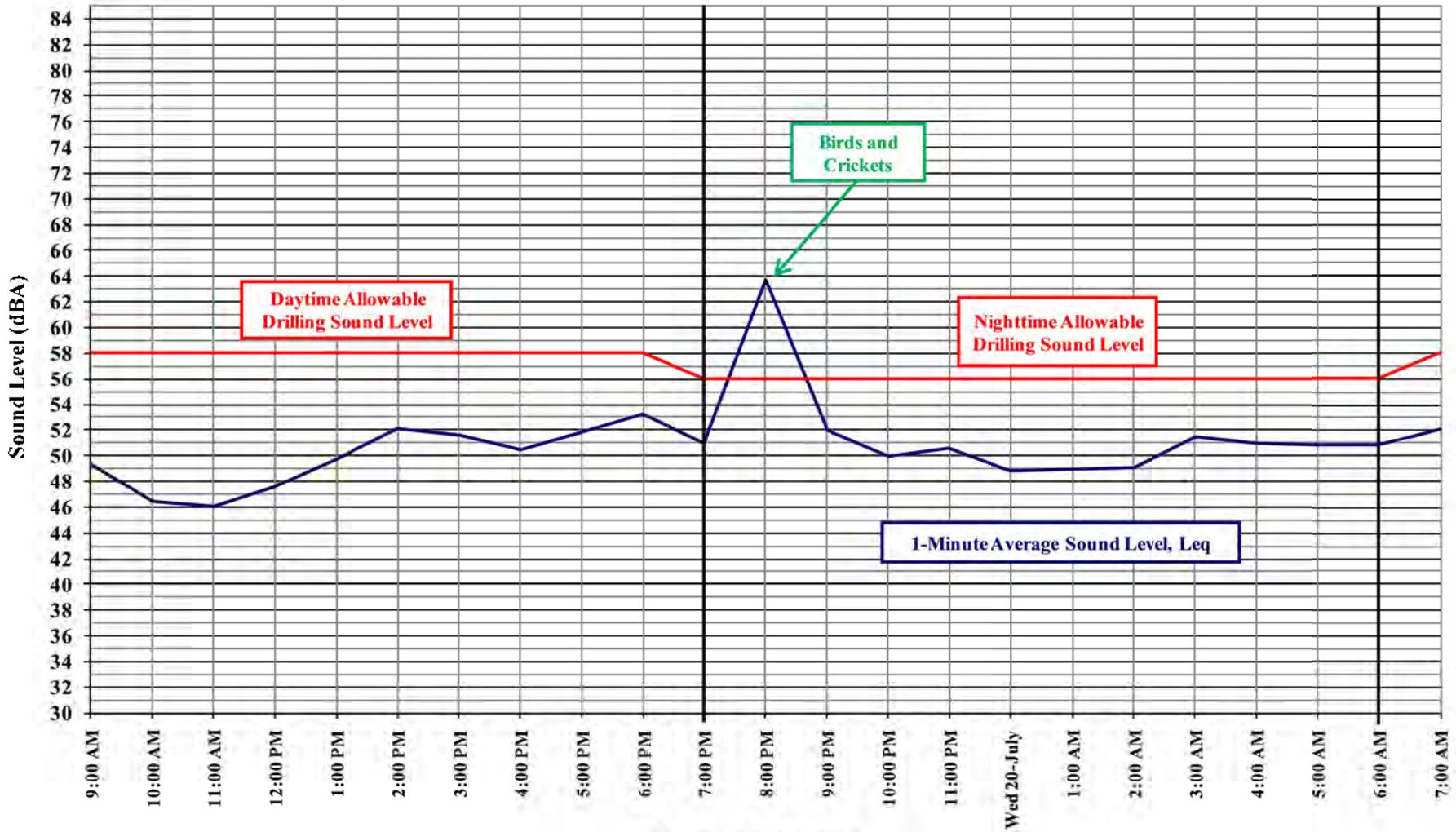


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring





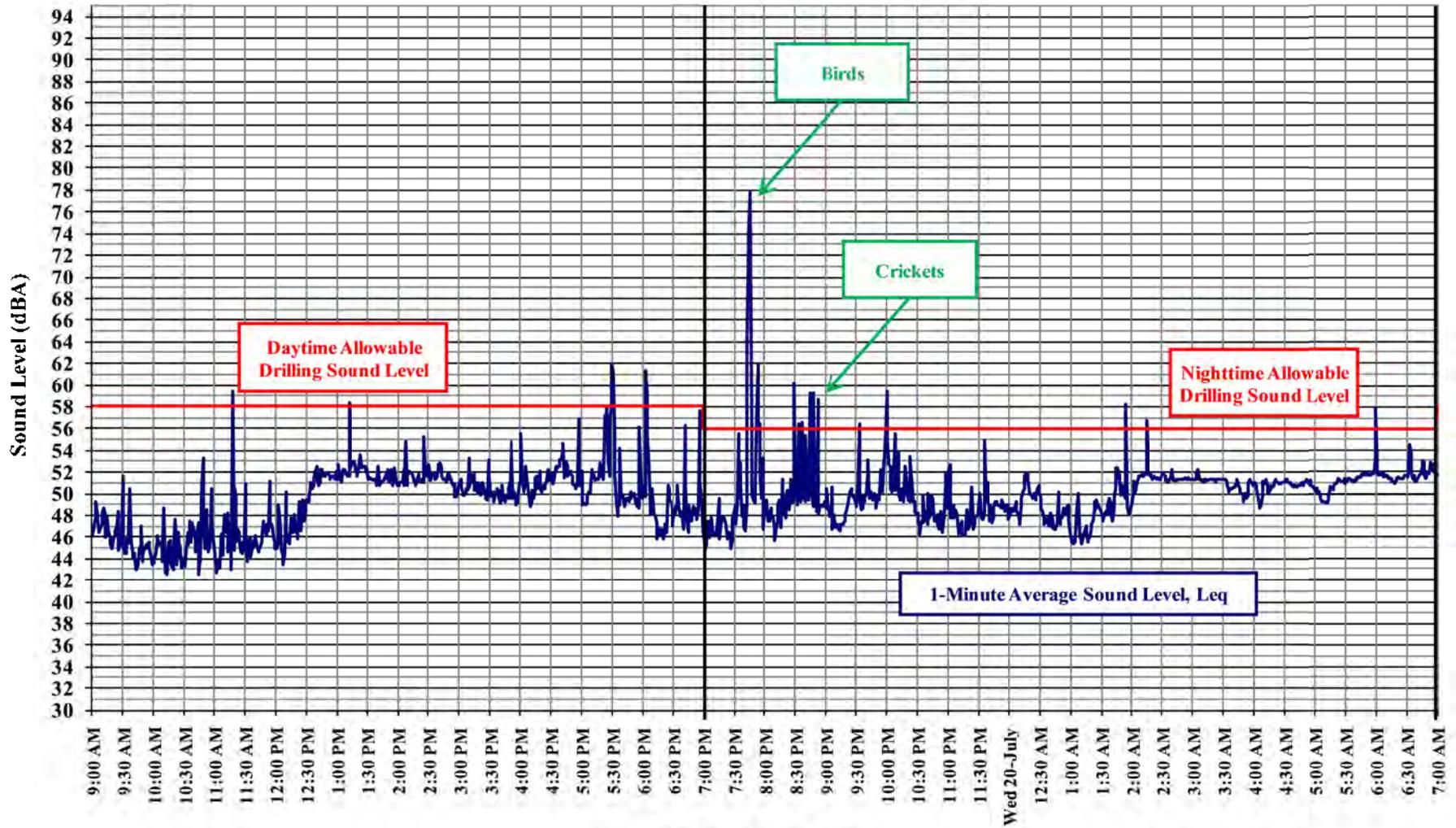
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



July 19 - July 20, 2011



## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



July 19 - July 20, 2011

# Behrens and Associates, Inc.

*Environmental Noise Control*



July 21, 2011

Titan Operating, LLC  
111 West 4<sup>th</sup> Street STE 300  
Fort Worth, Texas 76102

Attention: Tom Strother

Subject: TCC 1H Drill Site Continuous Operational Sound Level Survey

Dear Mr. Strother:

Please find the attached charts displaying the measured operational sound levels at the TCC 1H drill site in Colleyville, TX, from Wednesday, July 20, to Thursday, July 21, 2011. The charts display the measured hourly average sound levels and the 1-minute average (Leq) sound levels at Monitoring Location #1, (north of drill site), and Monitoring Location #2, (west of drill site).

The measured hourly sound levels were out of compliance with the allowable drilling sound levels periodically throughout the duration of the survey. Review of an audio recording made during the monitoring period revealed off-site noise from crickets and road traffic at Monitoring Location #1 as the cause of the elevated sound levels.

Please contact me if you have any questions or comments.

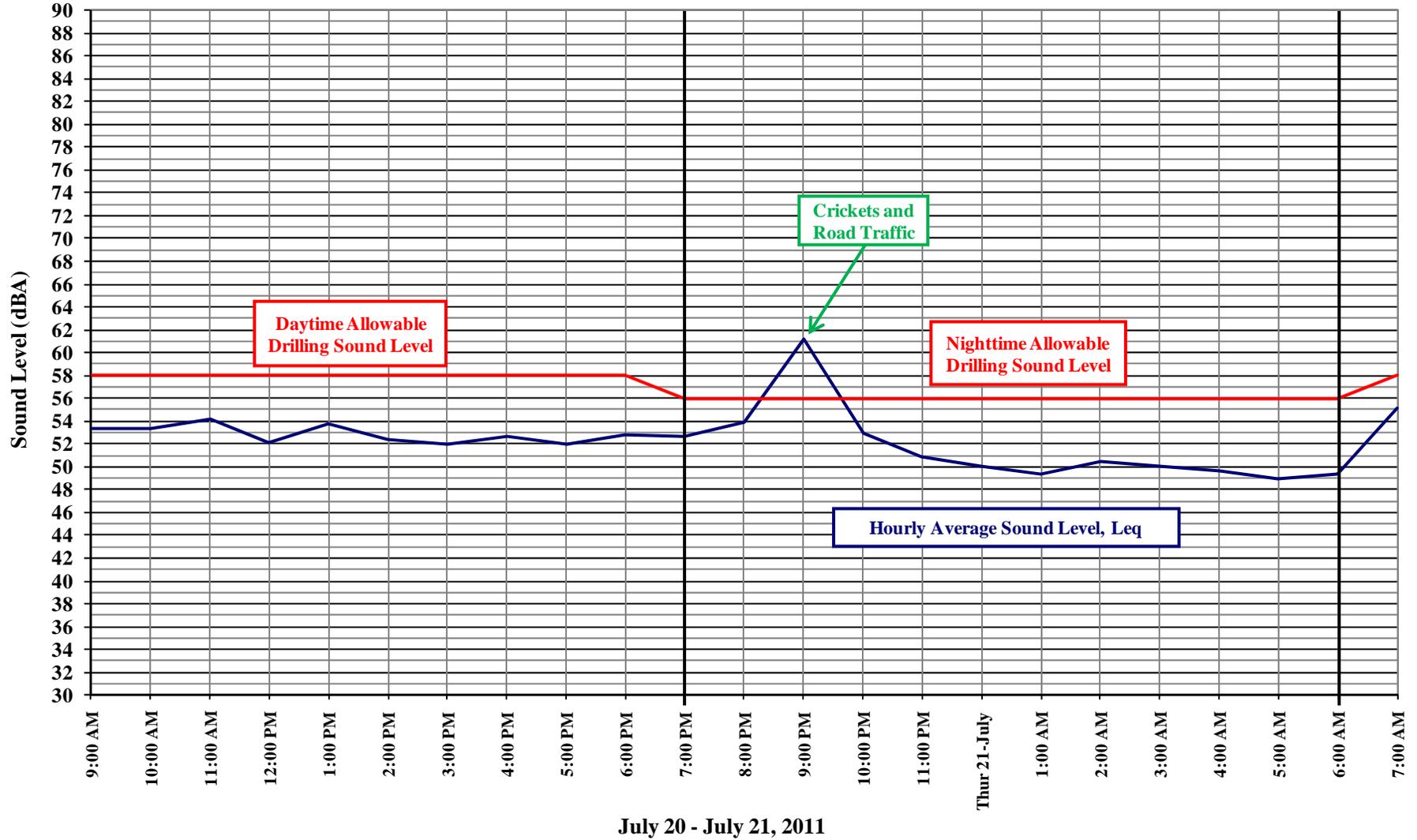
Very truly yours,

Don Behrens  
President  
95-4460624

Attachments

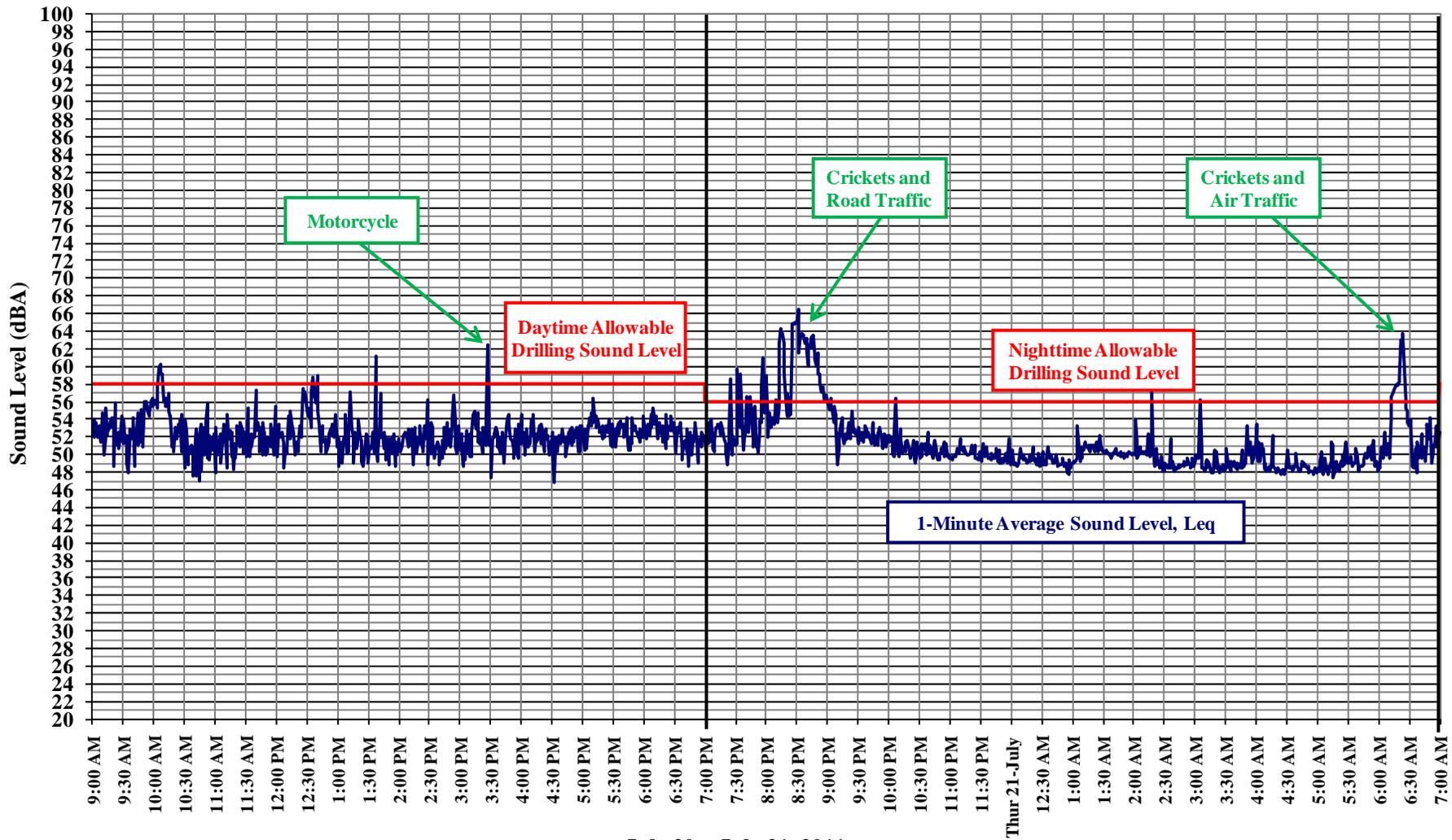


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring





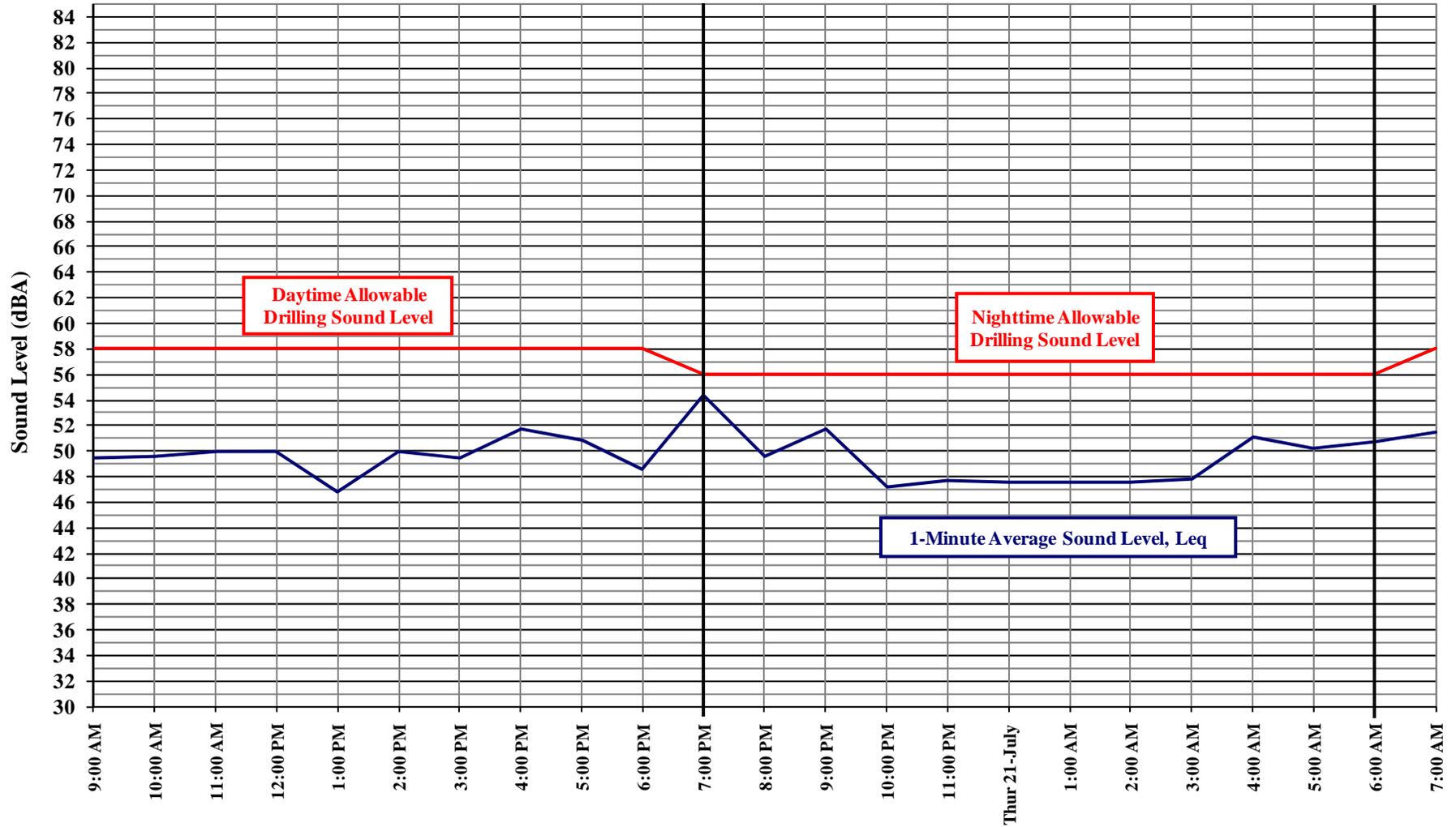
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



July 20 - July 21, 2011



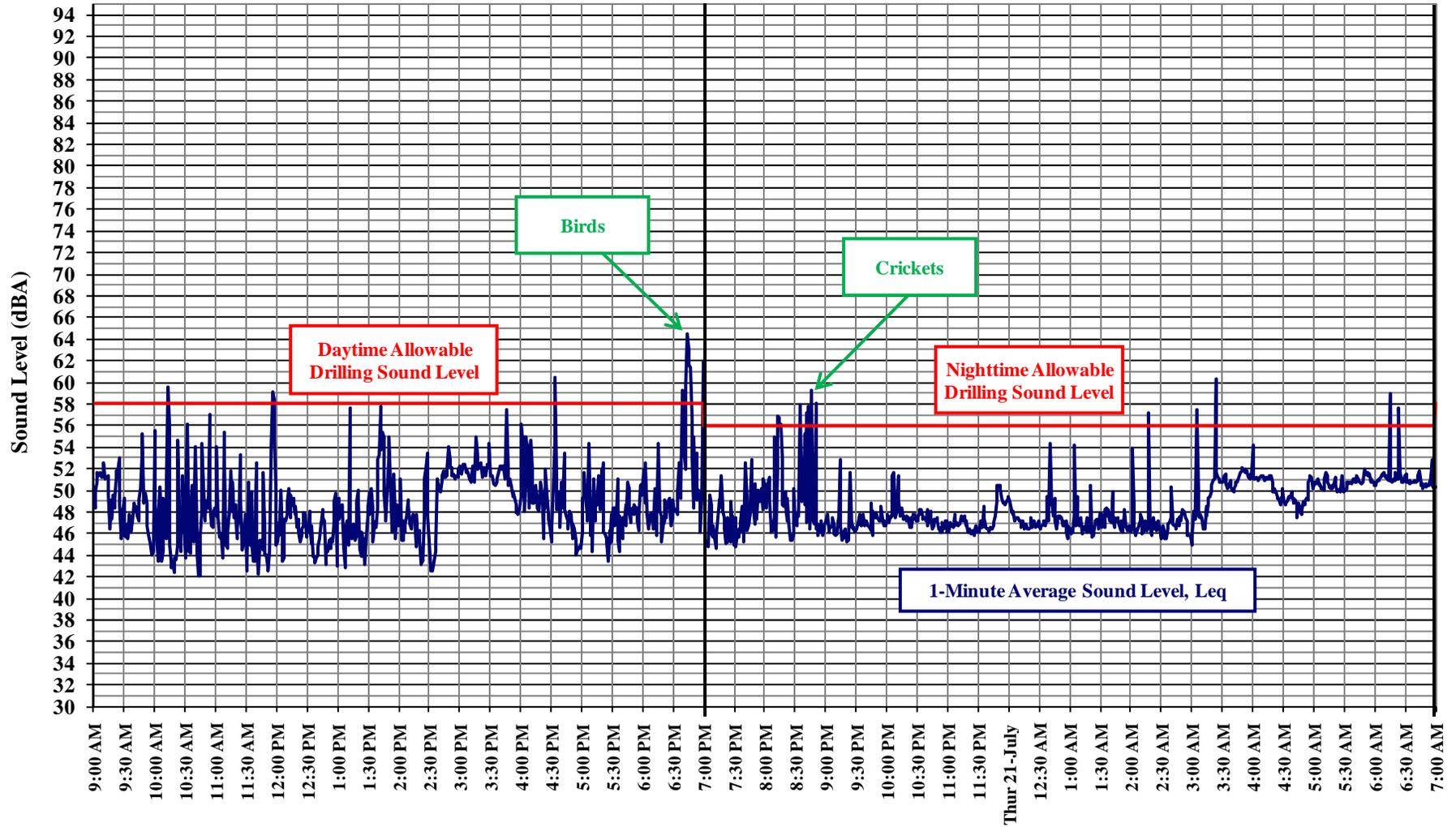
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



July 20 - July 21, 2011



## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



July 20 - July 21, 2011