

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

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

Date(s): May 18 – May 24, 2011

Inspector: Christopher Polidore  
Belcheff & Associates, Inc.

## General Comments:

The “F” well is currently being drilled to completion. It is anticipated that this well will be completed within the next 4-5 days of this report. There was a reduction in the drilling rate for a couple of days this past week because one, of the two mud pumps was down for repairs.

During the severe storms of May 24, 2011, non-essential hands were gathered in a central muster point during the storms. Below are photographs from the Trinity site, one showing a hail stone, and the others, cloud formations above the site.



(Interested in seeing the impact a tornado will have on an active drilling well site – El Reno, Oklahoma, <http://westchestergasette.blogspot.com/2011/05/when-tornado-hits-drilling-site.html>)

## Noise

A couple of complaints from Southlake residents were received according to a report from the security guard. Colleyville police officers were dispatched and took sound readings, and apparently found no evidence of noise violations.

Sound monitor reports continue to show the elevated noise levels on both sound monitors are primarily due to air traffic, lawn maintenance, and storms. This past week, emergency sirens also contributed to elevated noise levels. The most significant elevated noise levels are due to lawn maintenance.

With the exception of a few allowable instantaneously increases, overall noise levels are generally 6dB below compliance levels and in some cases up to 12dB.

## Environmental

The containment berms continue to be effective in controlling storm runoff. Vacuum tankers have been regularly on site removing storm runoff as well as waste material.

## Compliance/Documentation/Reporting

No compliance issues or required reporting during this past week.

An application “for a spacing exception permit under the provisions of Railroad Commission Statewide Rule 37 (16 Tex. Admin. Code section 3.37),” has been applied for wells “D” and “E” wells.

## Site Conditions

Housekeeping at the site continues to be good in keeping up with the wet conditions, with no major changes.

The sweeper continues to address debris on the entrance drive left as trucks leave the sight. On the few occasions when excessive mud appeared clinging to the truck tires they were washed off before leaving the site.

Tire ruts alongside the entrance drive will remain until all activity is completed at the site. The s-curved entrance is making it difficult for the longer trucks to maneuver requiring a set of wheels to be off the pavement. Also, it has been witnessed that non-site vehicles are turning around in the immediate entrance and in doing so have driven off the driveway pavement creating ruts near Pleasant Run.

# **Behrens and Associates, Inc.**

*Environmental Noise Control*



May 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 Thursday, May 19, to Friday, May 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 from 9:00 AM – 11:00 AM on Thursday, May 19, 2011. Review of an audio recording made during the monitoring period revealed off-site noise from lawn maintenance in the vicinity of Monitoring Location #1 as the cause of the elevated sound levels. The second attached chart displays the 1-minute average (Leq) for the periods of exceedance.

Please contact me if you have any questions or comments.

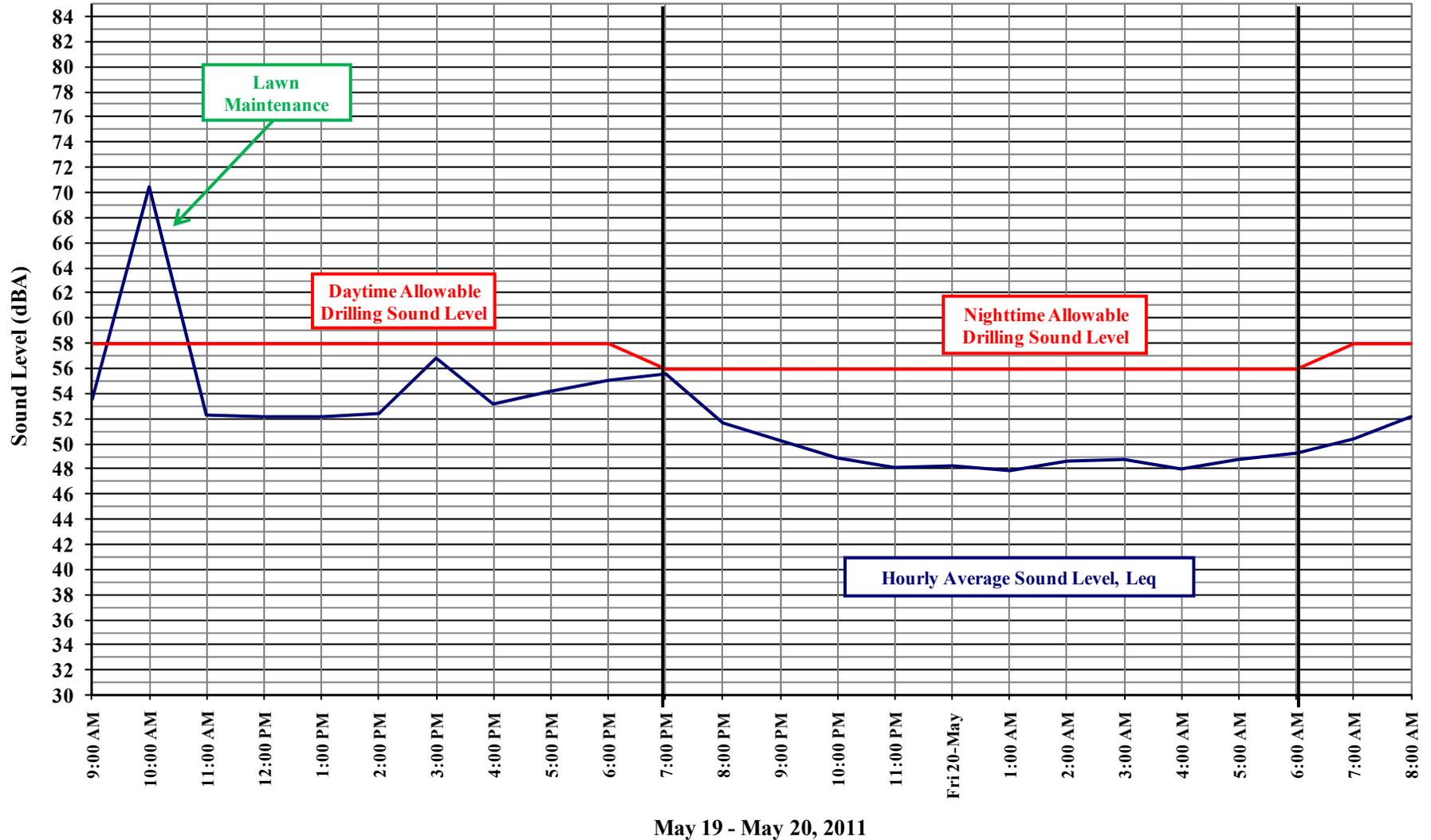
Very truly yours,

Don Behrens  
President  
95-4460624

Attachments

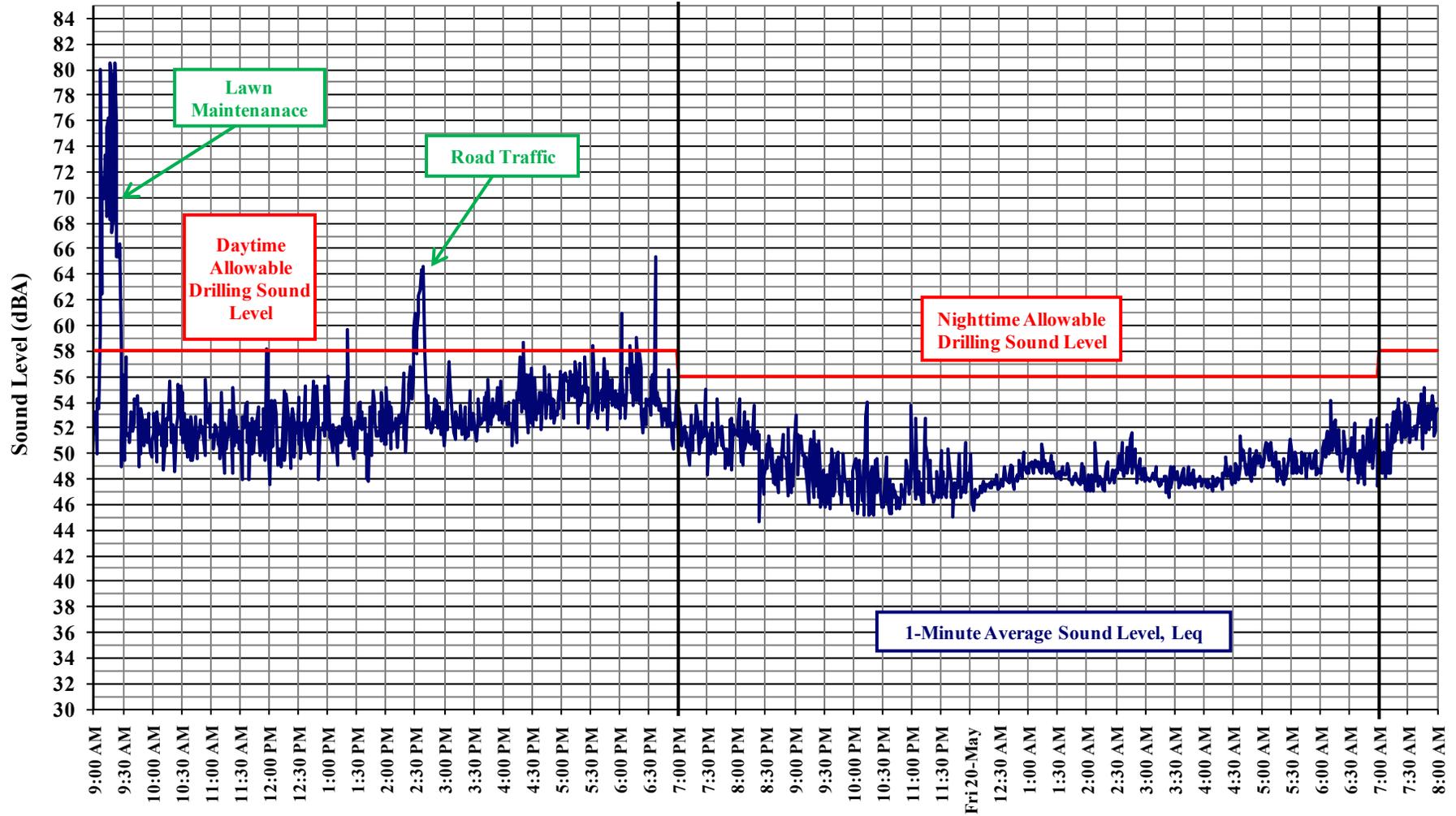


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring





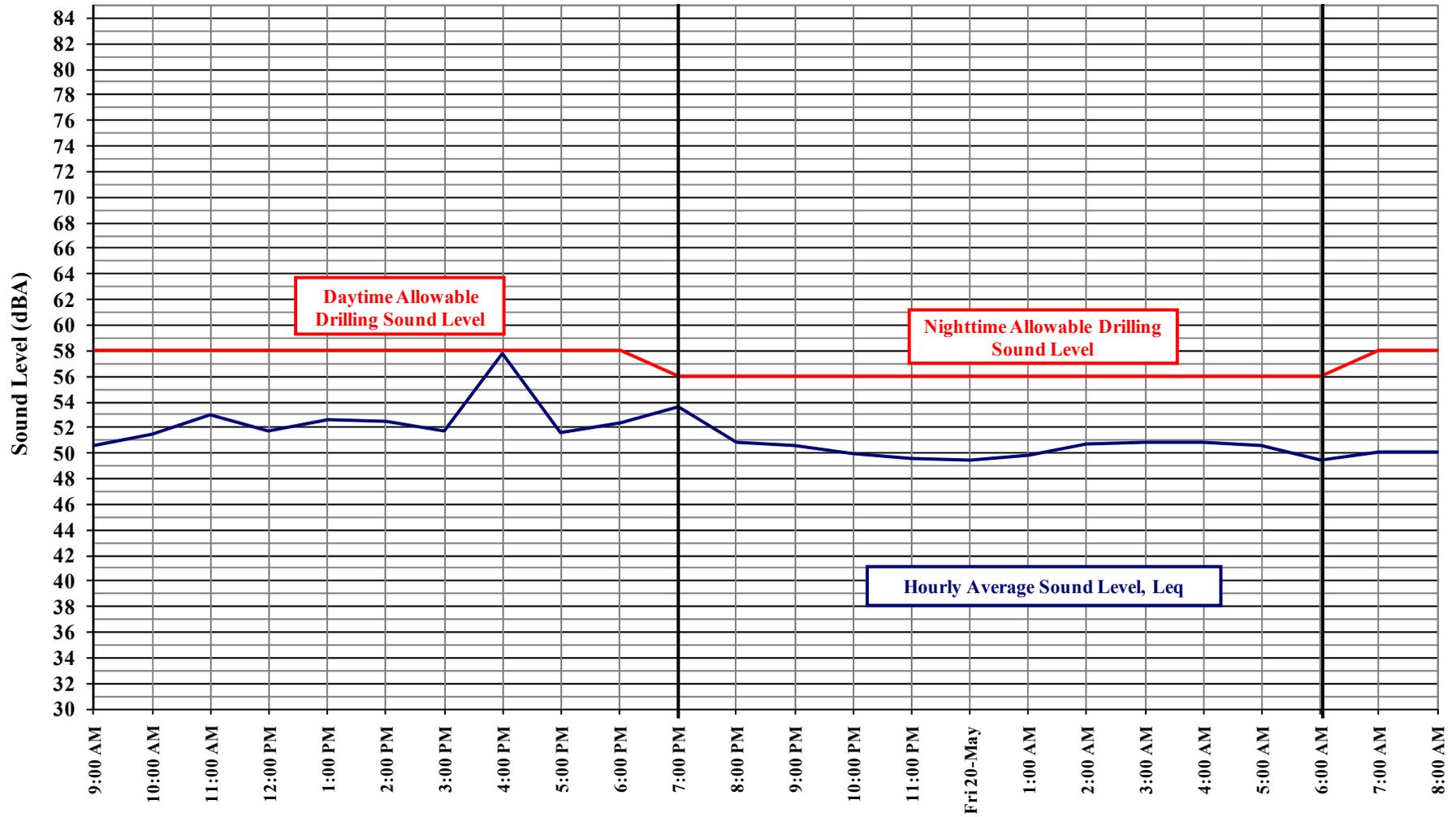
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



May 19 - May 20, 2011



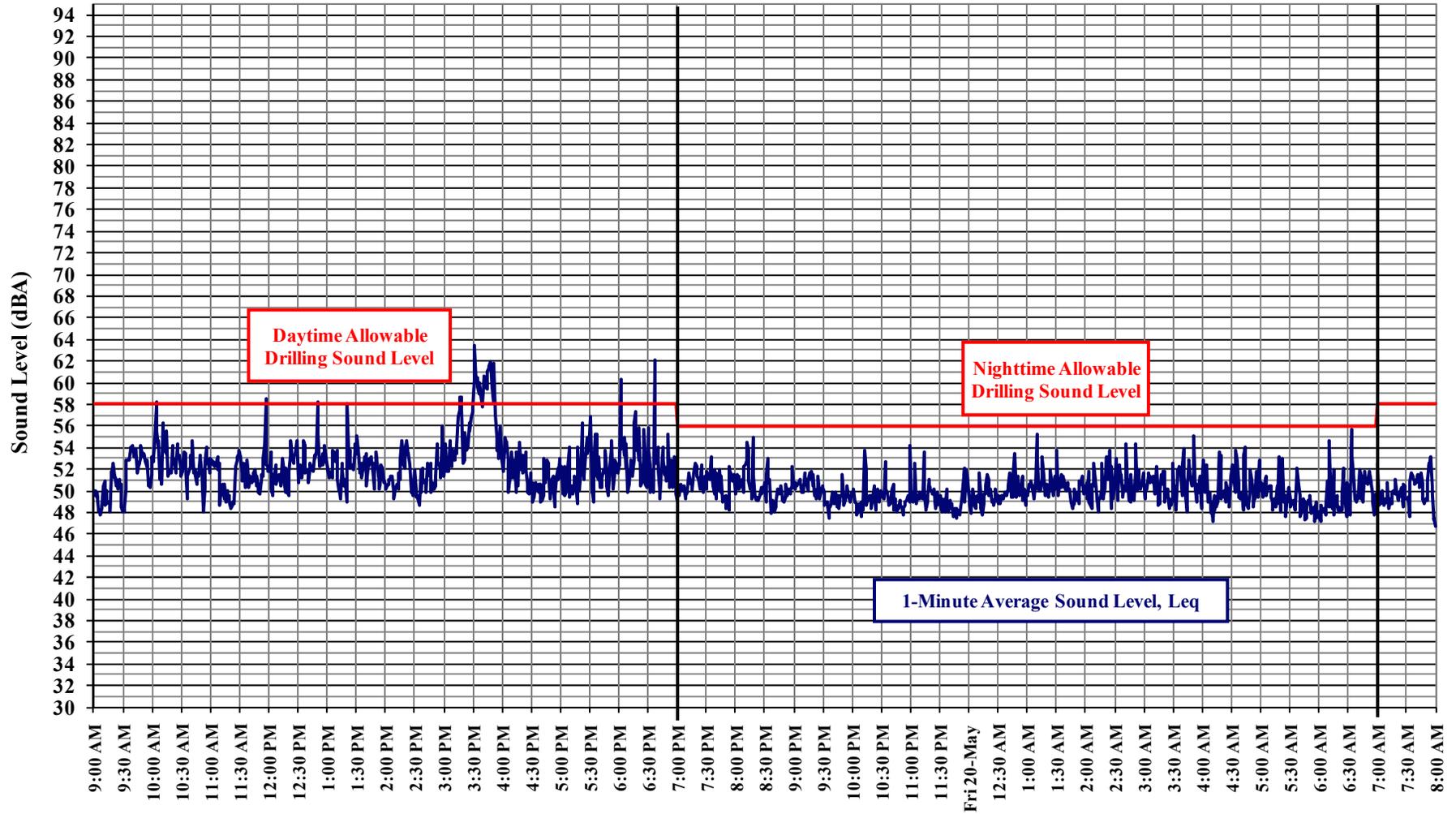
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



May 19 - May 20, 2011



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



May 19 - May 20, 2011

# **Behrens and Associates, Inc.**

*Environmental Noise Control*



May 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 Friday, May 20, to Saturday, May 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 from 3:30 PM – 4:30 PM on Friday, May 20, 2011. Review of an audio recording made during the monitoring period revealed off-site noise from heavy rain and thunderstorms in the vicinity of Monitoring Location #1 and #2 as the cause of the elevated sound levels. The second attached charts display the 1-minute average (Leq) for the periods of exceedance.

Please contact me if you have any questions or comments.

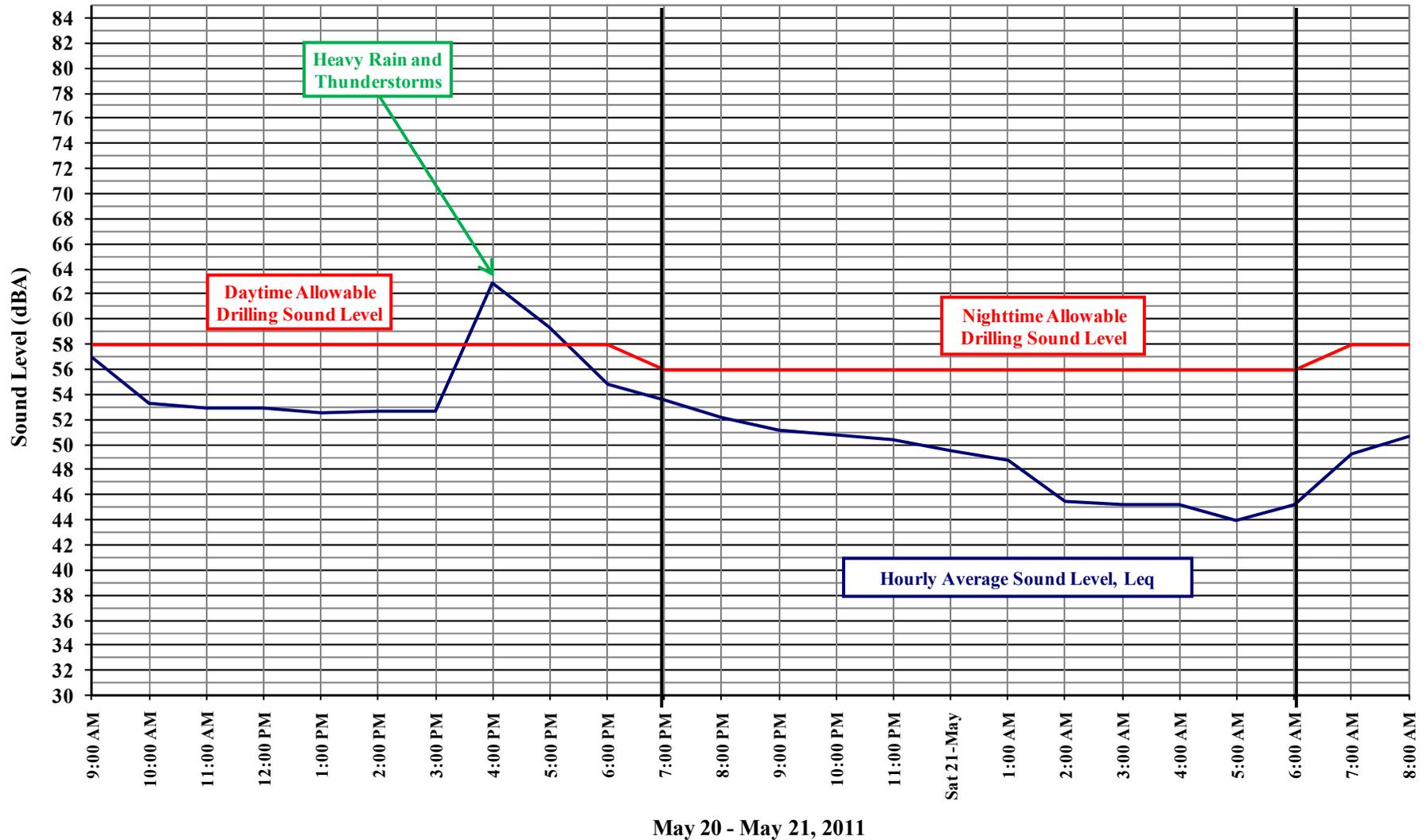
Very truly yours,

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President  
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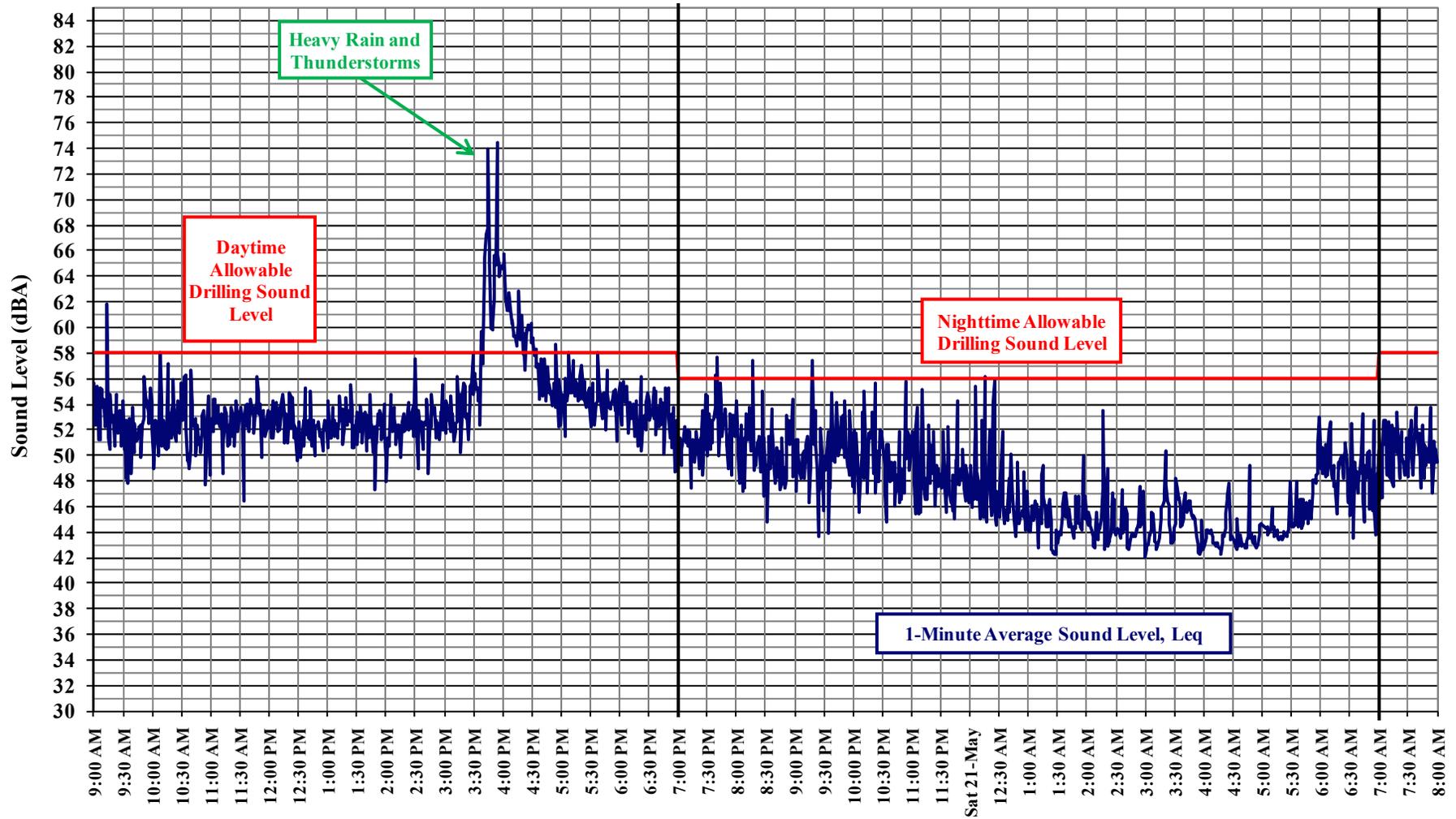


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring





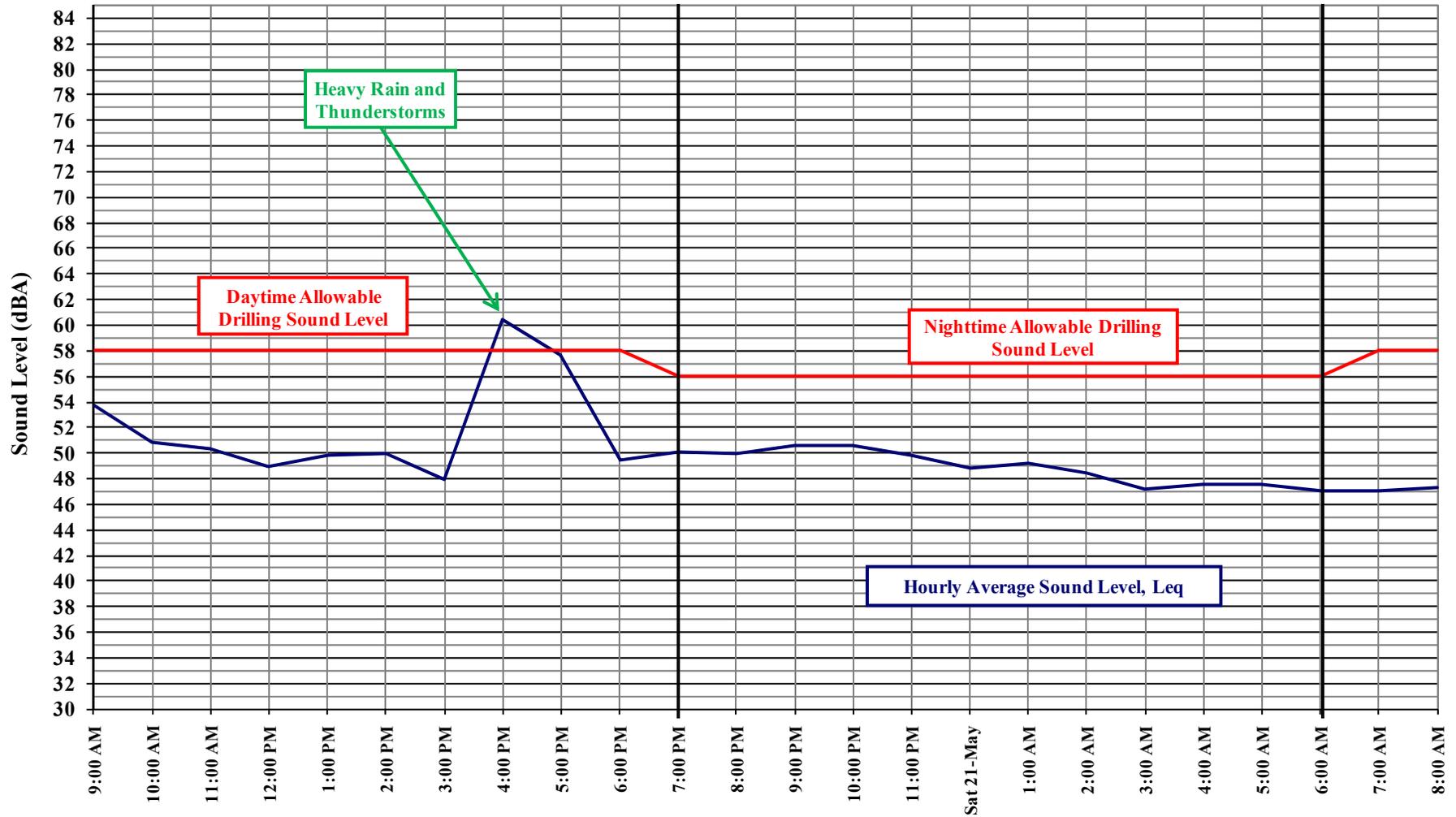
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



May 20 - May 21, 2011



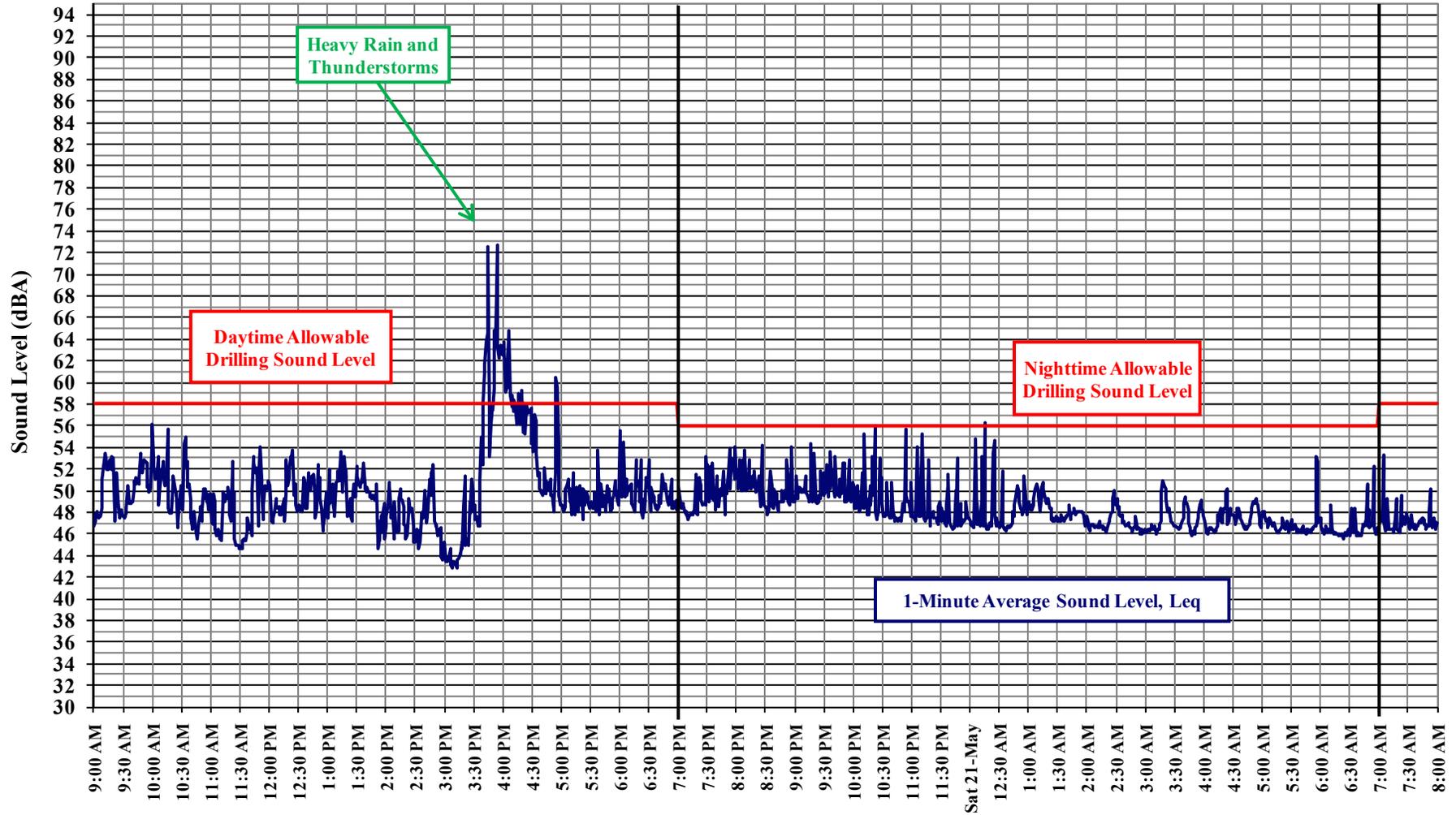
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



May 20 - May 21, 2011



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



May 20 - May 21, 2011

# **Behrens and Associates, Inc.**

*Environmental Noise Control*



May 22, 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, May 21, to Sunday, May 22, 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 3:00 AM – 5:00 AM on Sunday, May 22, 2011. Review of an audio recording made during the monitoring period revealed off-site noise from emergency sirens in the vicinity of Monitoring Location #1 as the cause of the elevated sound levels. The second attached chart displays the 1-minute average (Leq) for the periods of exceedance.

Please contact me if you have any questions or comments.

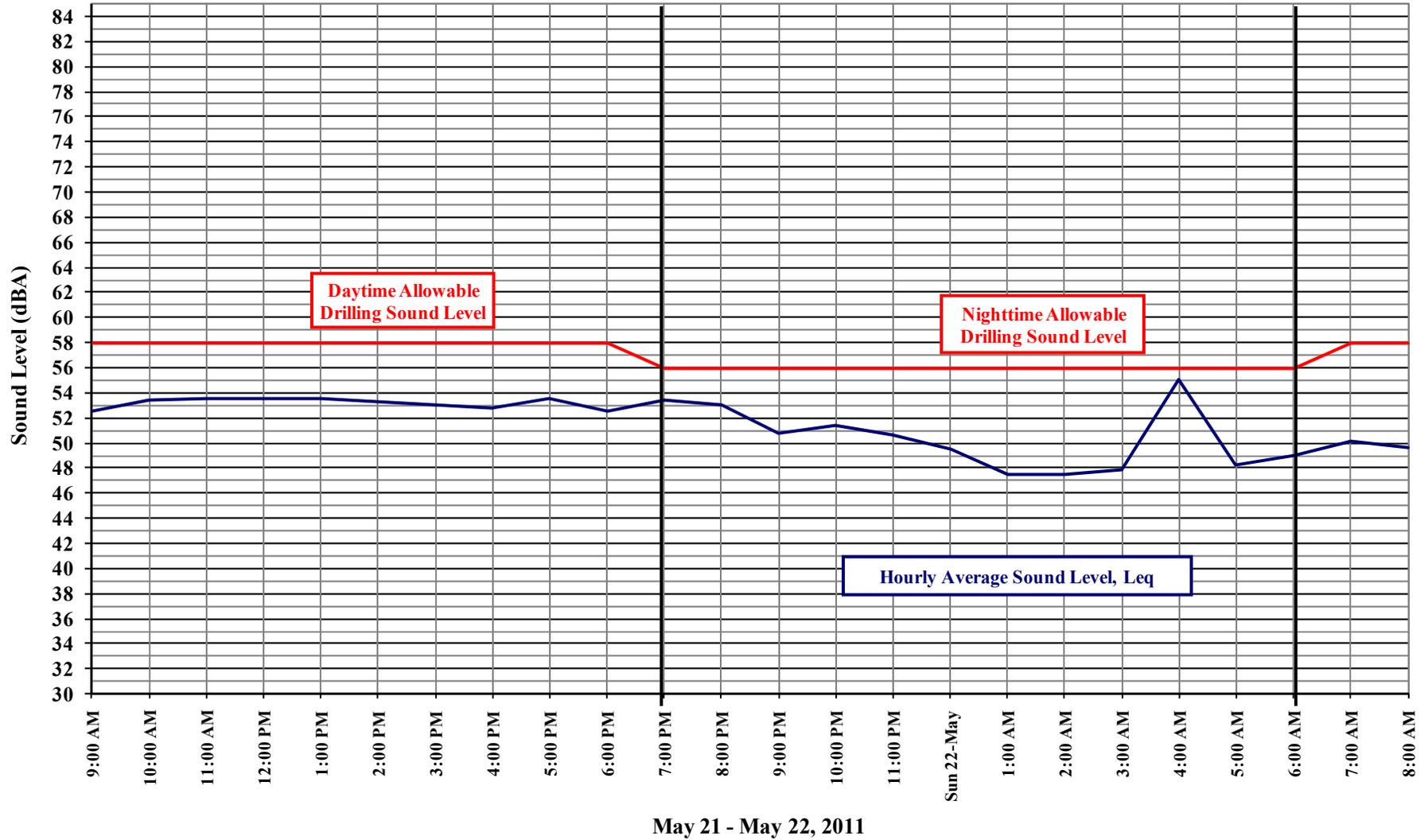
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President  
95-4460624

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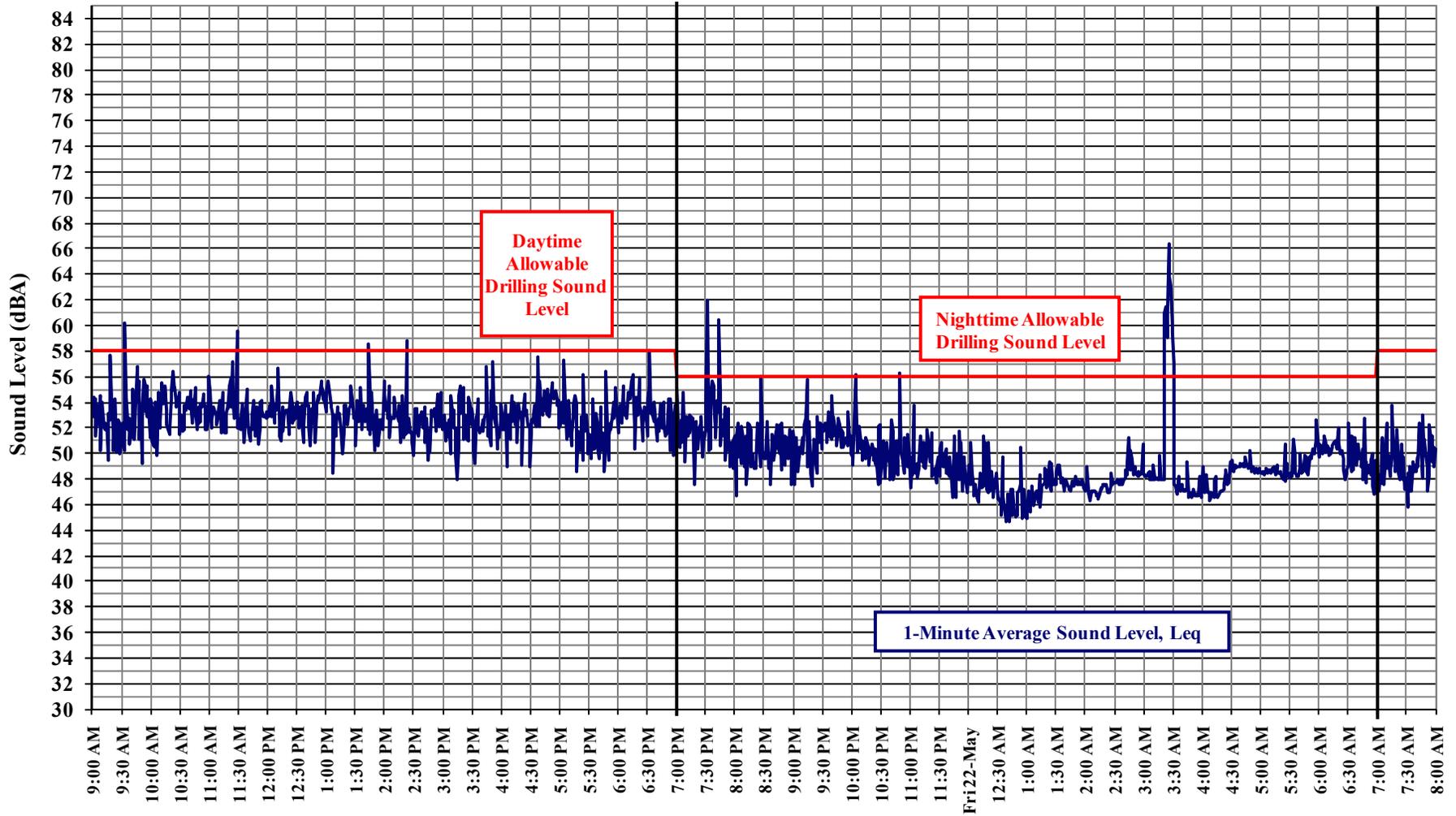


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring





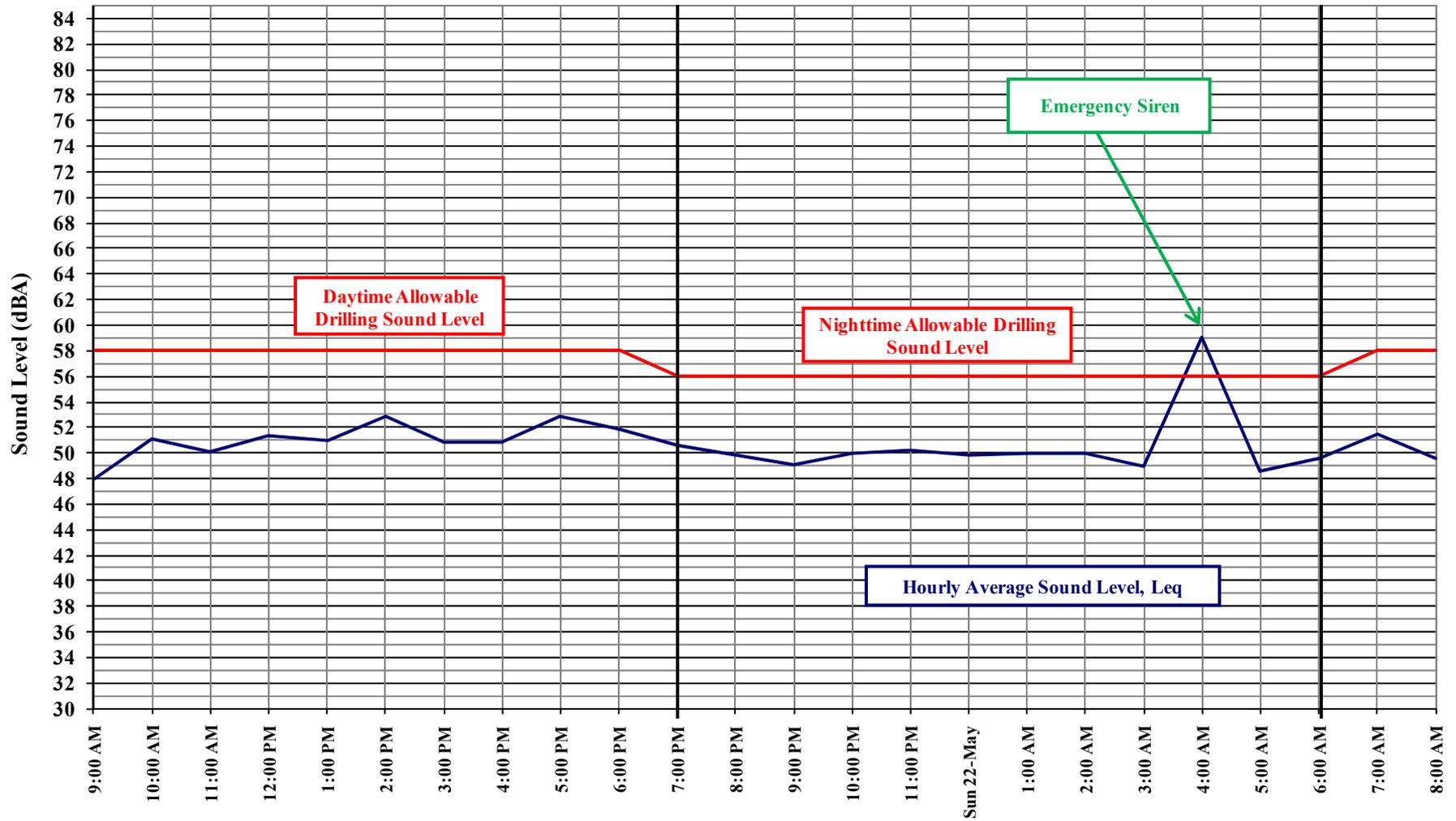
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



May 21 - May 22, 2011



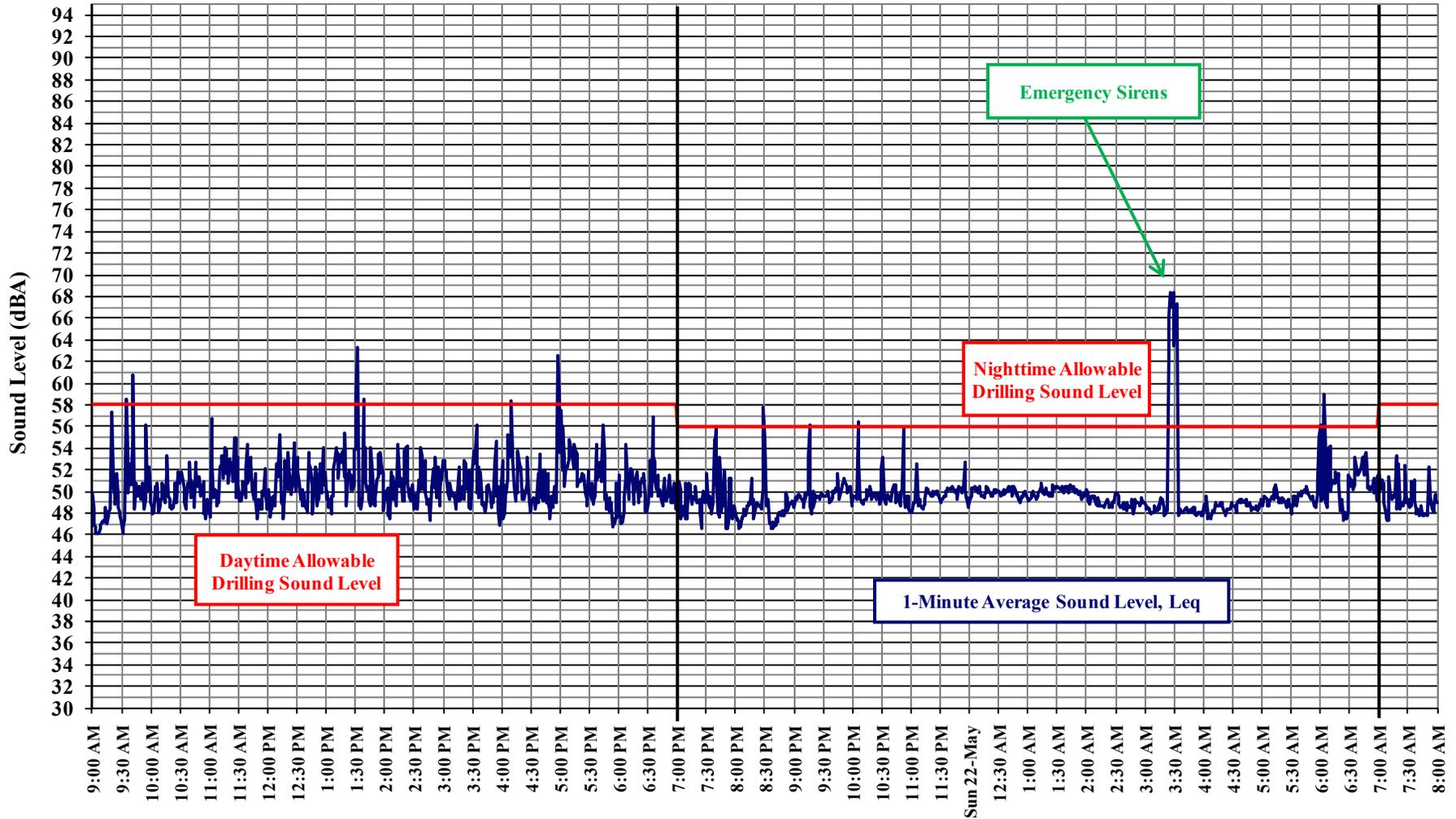
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



May 21 - May 22, 2011



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



May 21 - May 22, 2011

# Behrens and Associates, Inc.

*Environmental Noise Control*



May 23, 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, May 22, to Monday, May 23, 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 7:00 PM – 11:00 PM on Sunday, May 22, 2011. Review of an audio recording made during the monitoring period revealed off-site noise from heavy thunderstorms and emergency sirens in the vicinity of Monitoring Location #1 as the cause of the elevated sound levels. The second attached chart displays the 1-minute average (Leq) for the periods of exceedance.

Please contact me if you have any questions or comments.

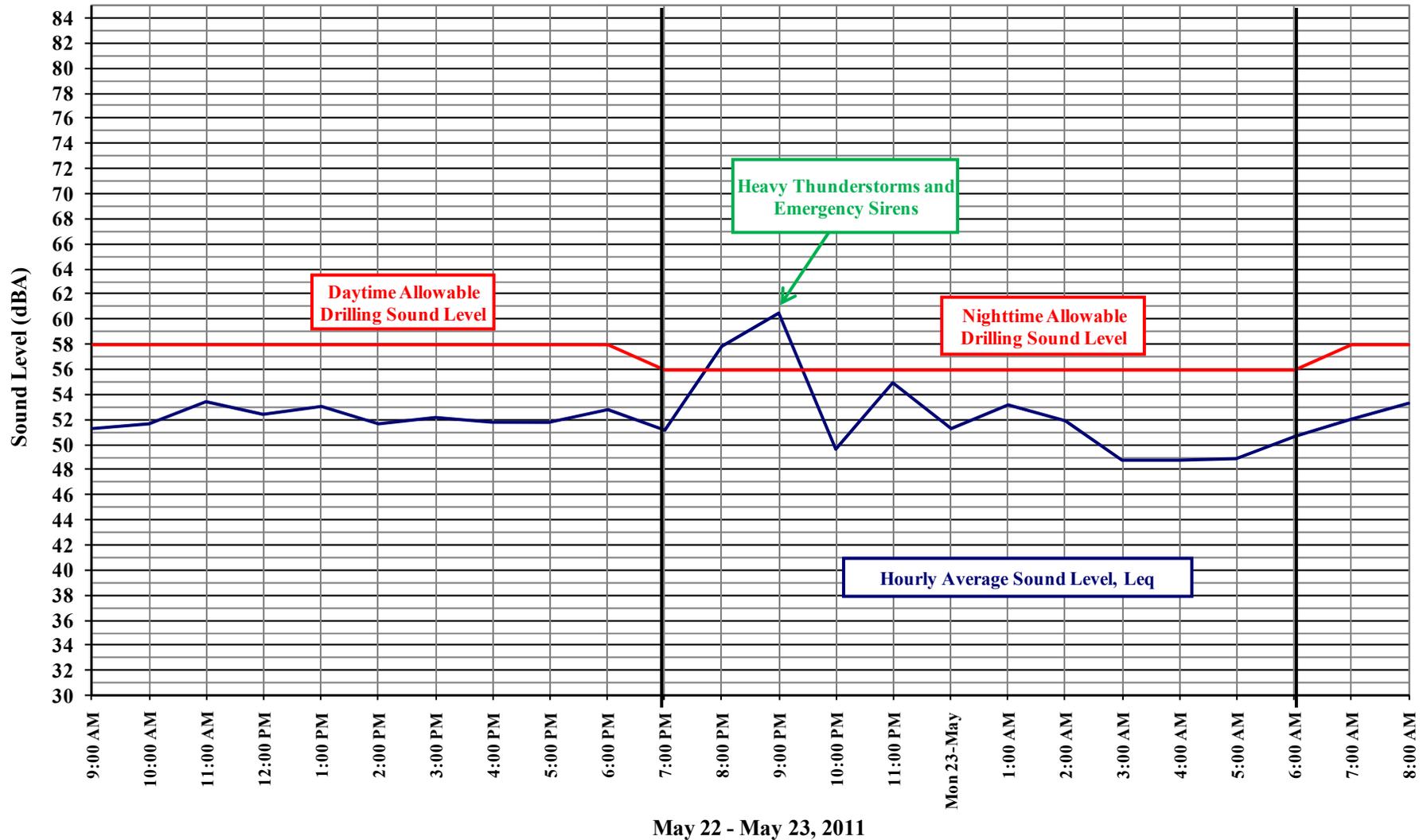
Very truly yours,

Don Behrens  
President  
95-4460624

Attachments

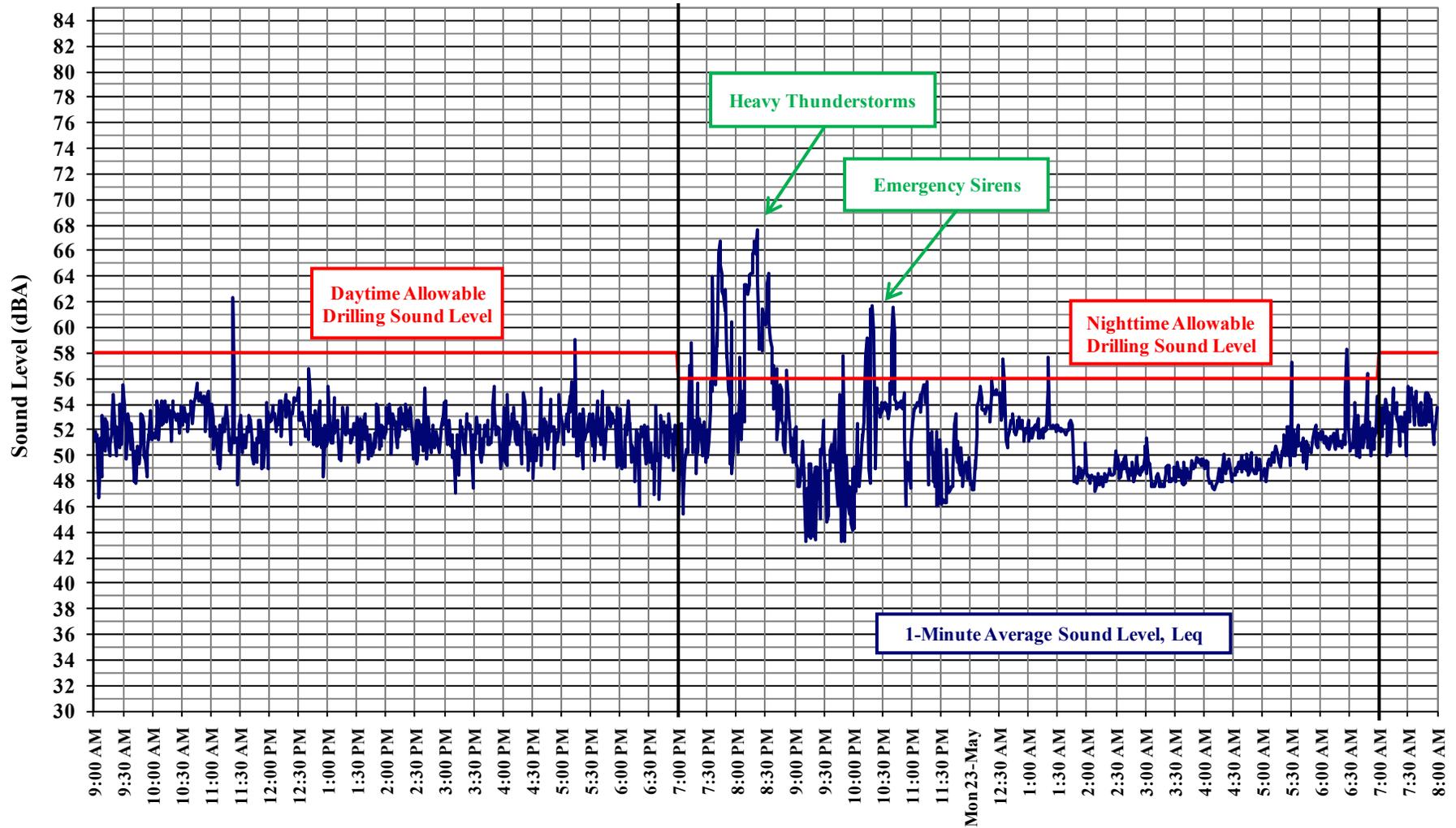


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring





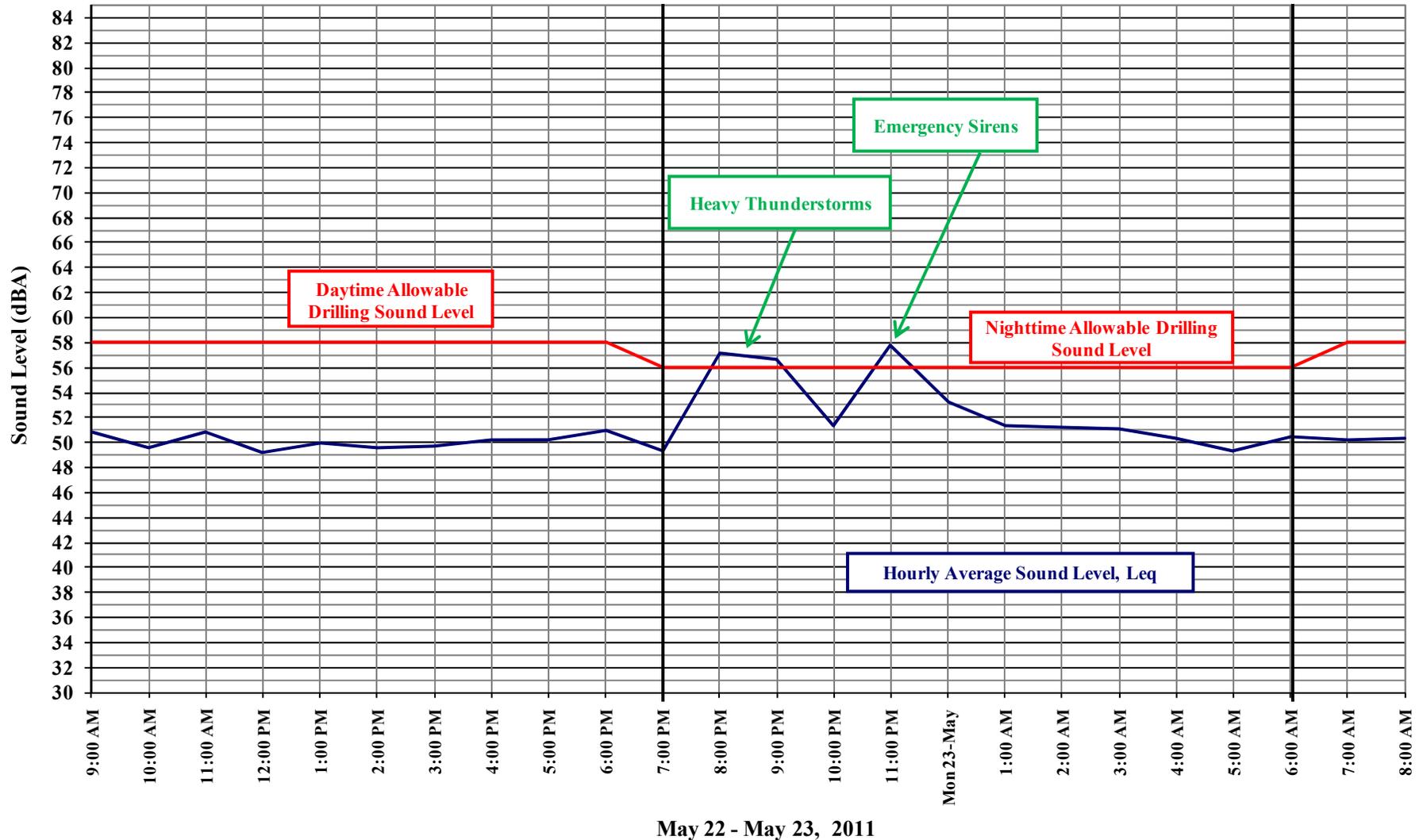
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



May 22 - May 23, 2011

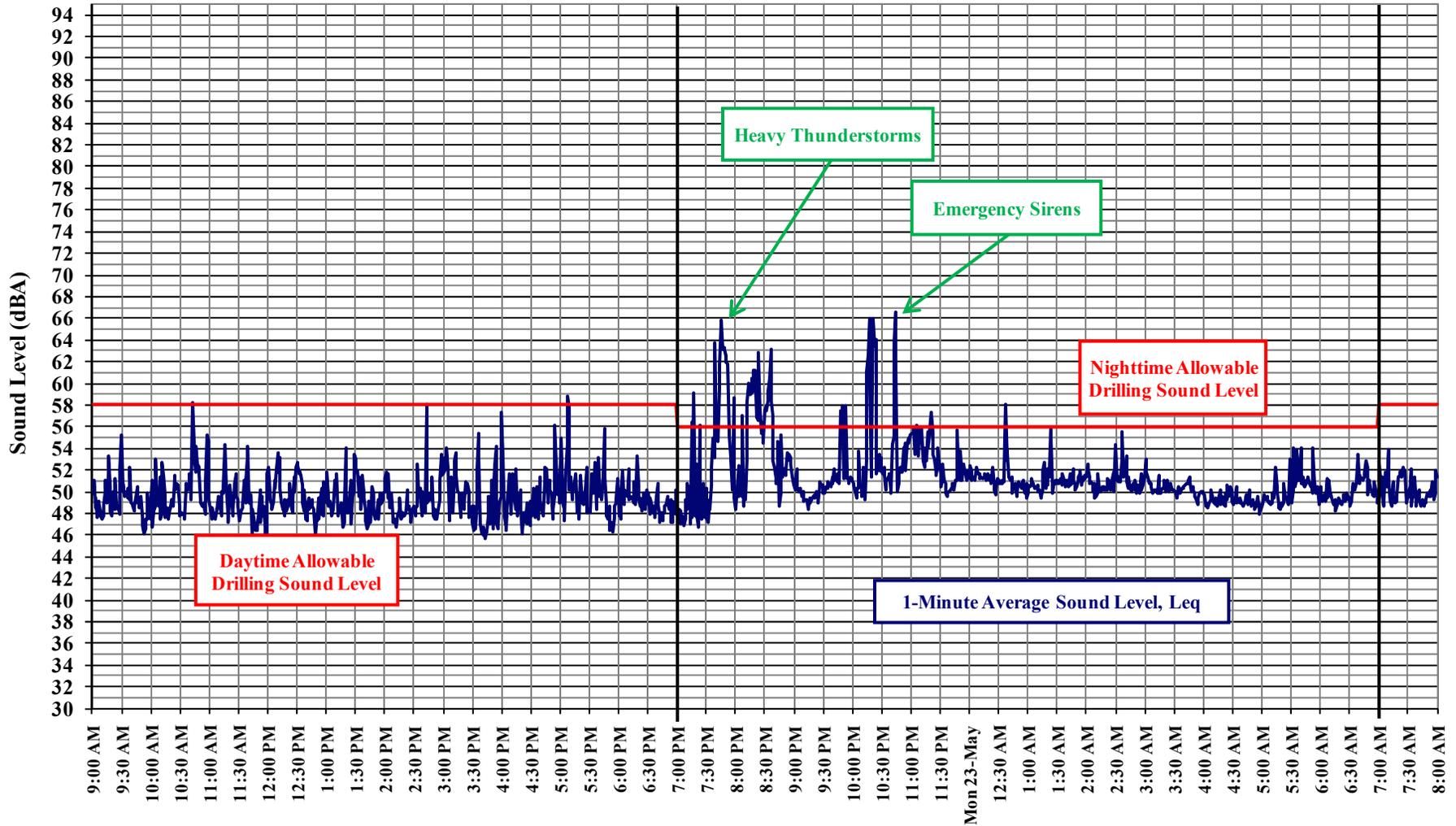


## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring





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



May 22 - May 23, 2011

# **Behrens and Associates, Inc.**

*Environmental Noise Control*



May 24, 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, May 23, to Tuesday, May 24, 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.

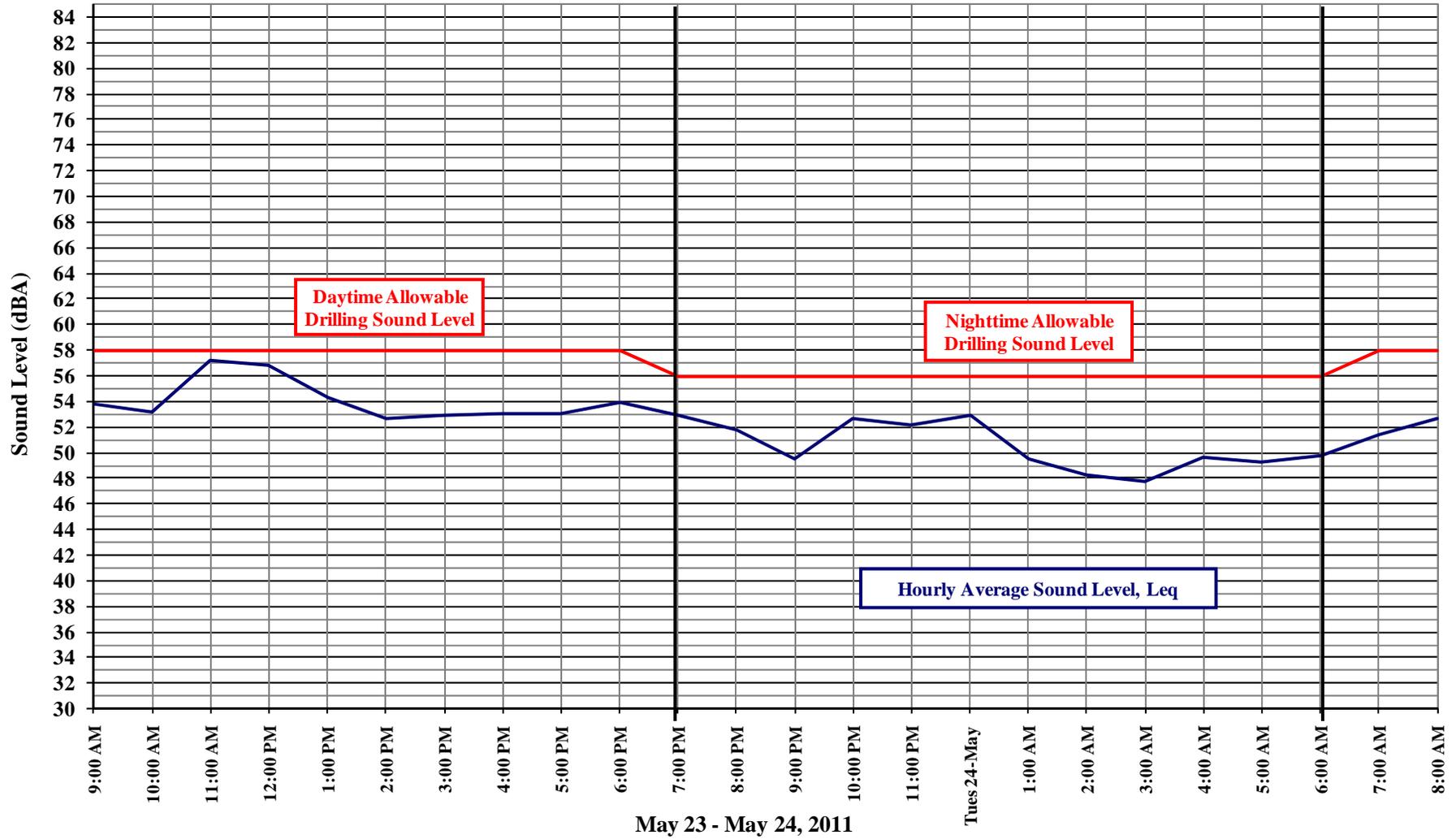
Very truly yours,

Don Behrens  
President  
95-4460624

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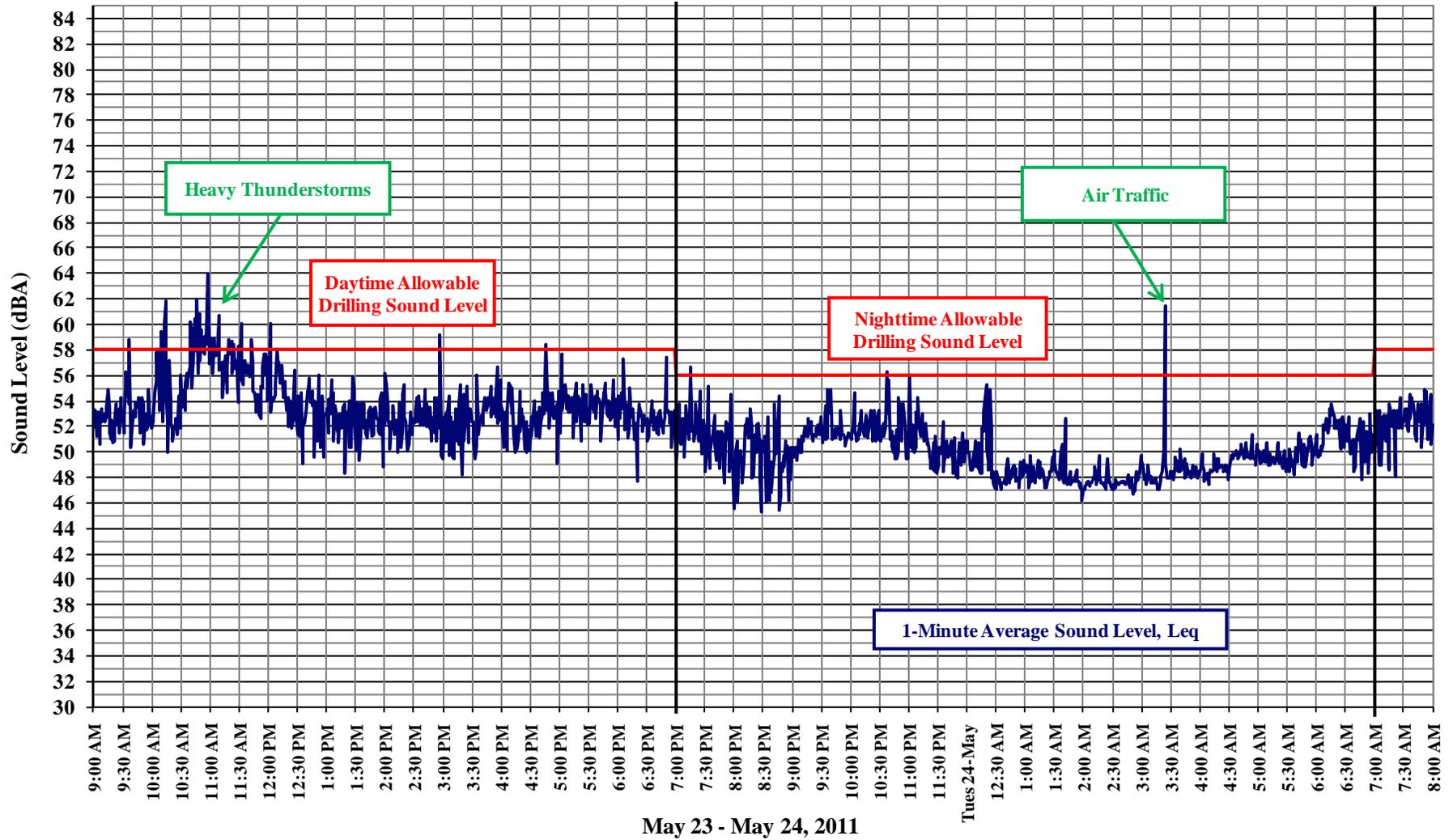


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



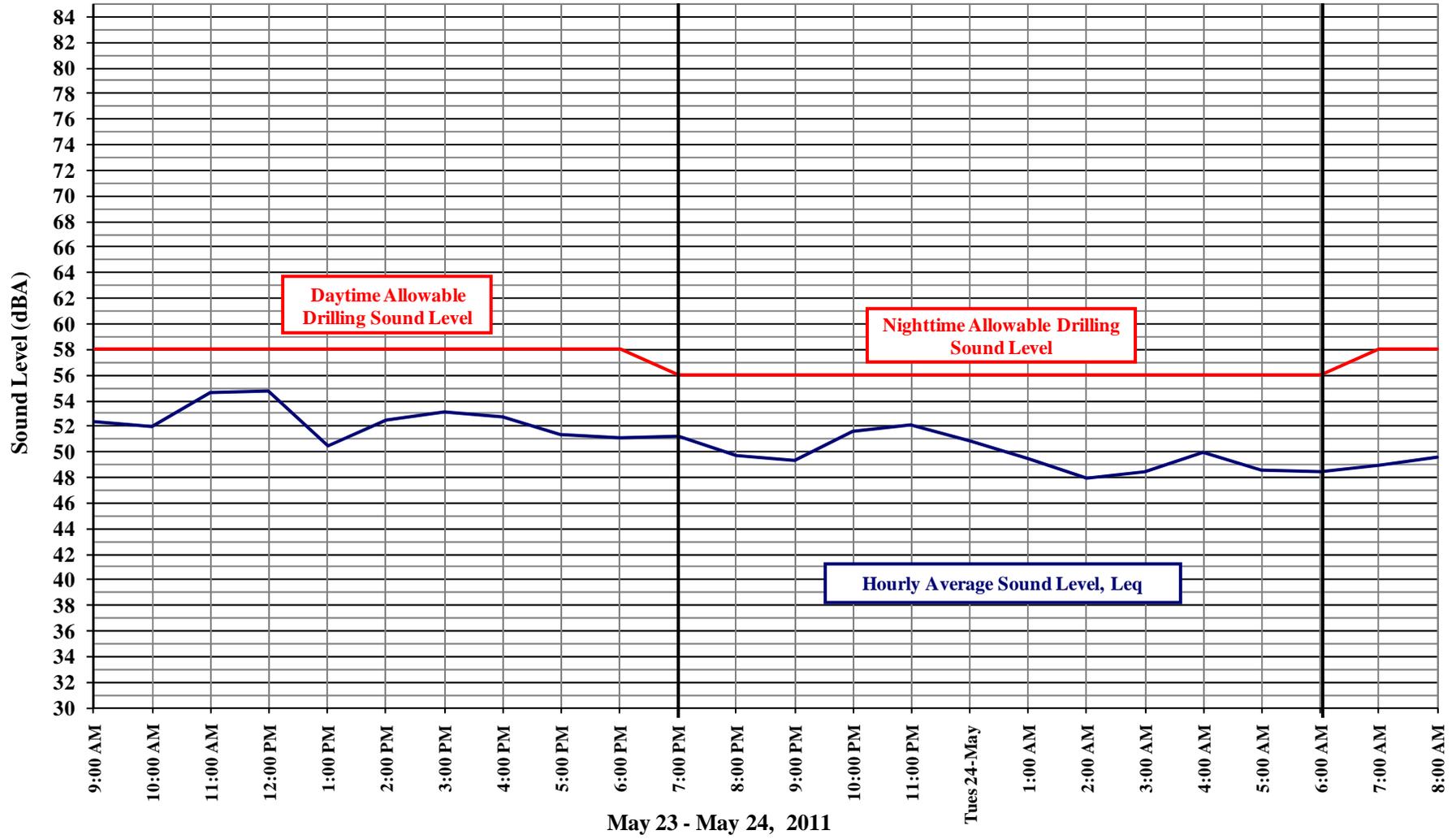


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



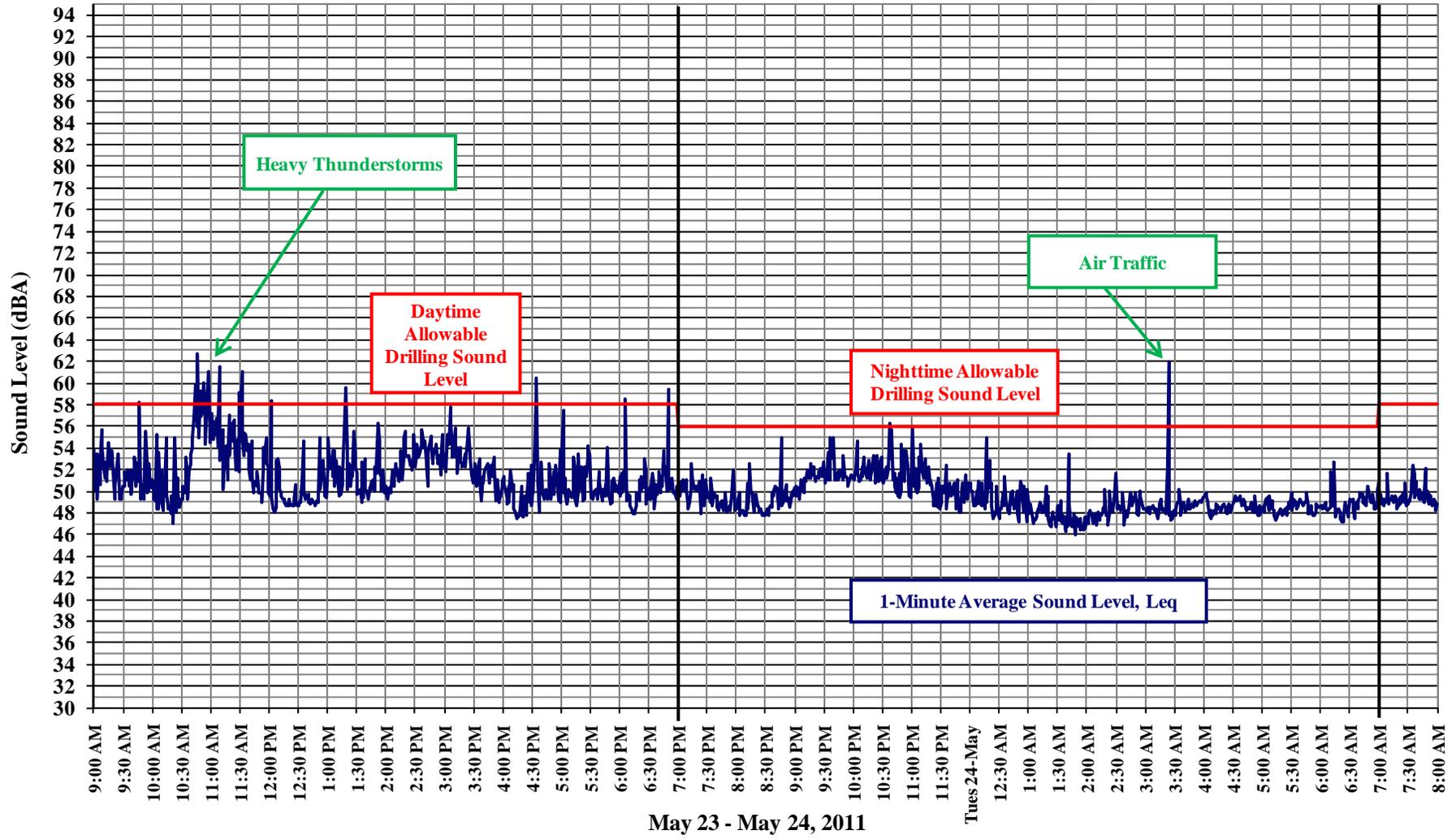


## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring





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



# **Behrens and Associates, Inc.**

*Environmental Noise Control*



May 25, 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, May 24, to Wednesday, May 25, 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 road traffic, air traffic, heavy thunderstorms, and emergency sirens at Monitoring Location #1 and heavy thunderstorms, emergency sirens, and air traffic at Monitoring Location #2 as the cause of the elevated sound levels.

Please contact me if you have any questions or comments.

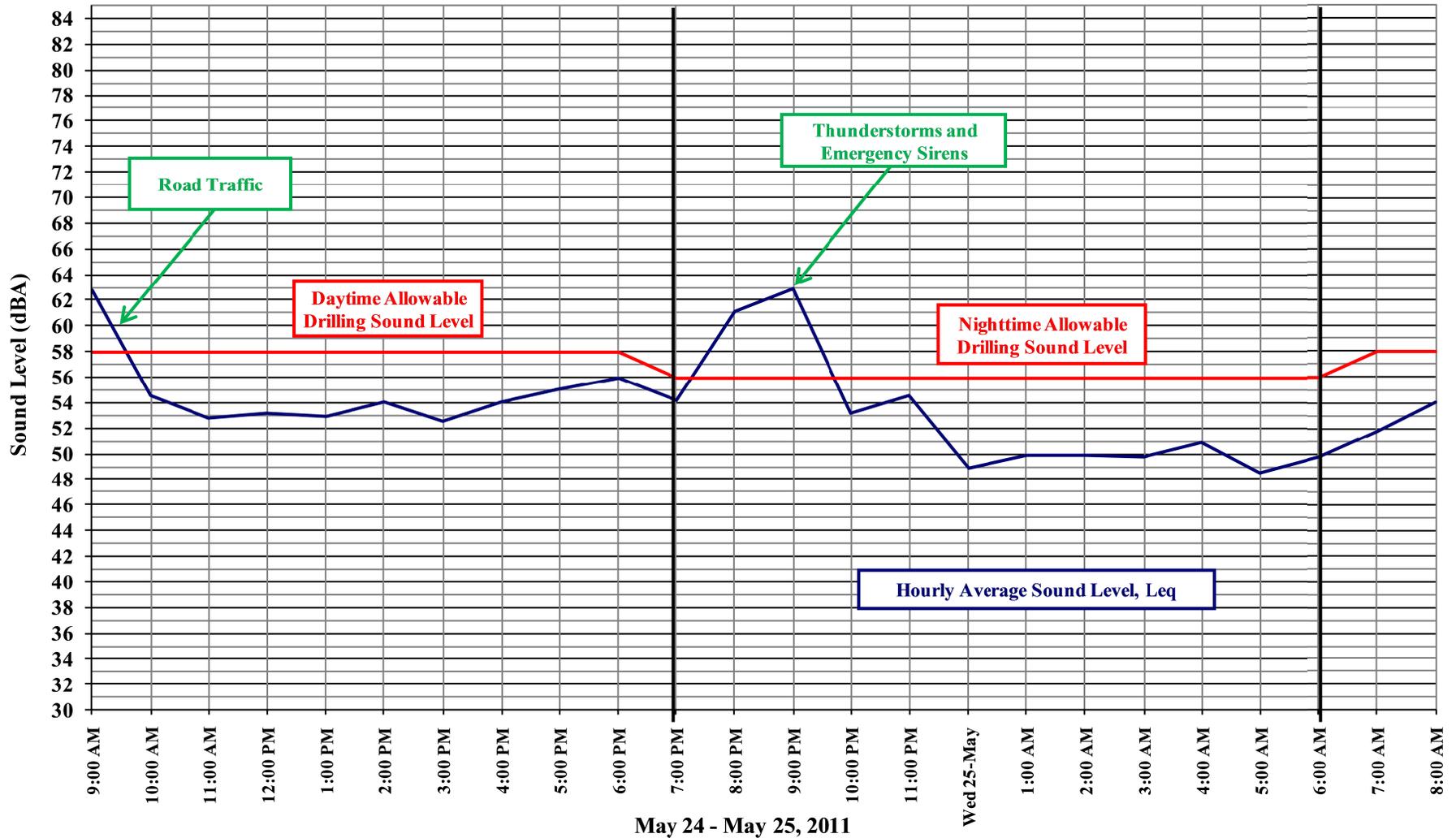
Very truly yours,

Don Behrens  
President  
95-4460624

Attachments

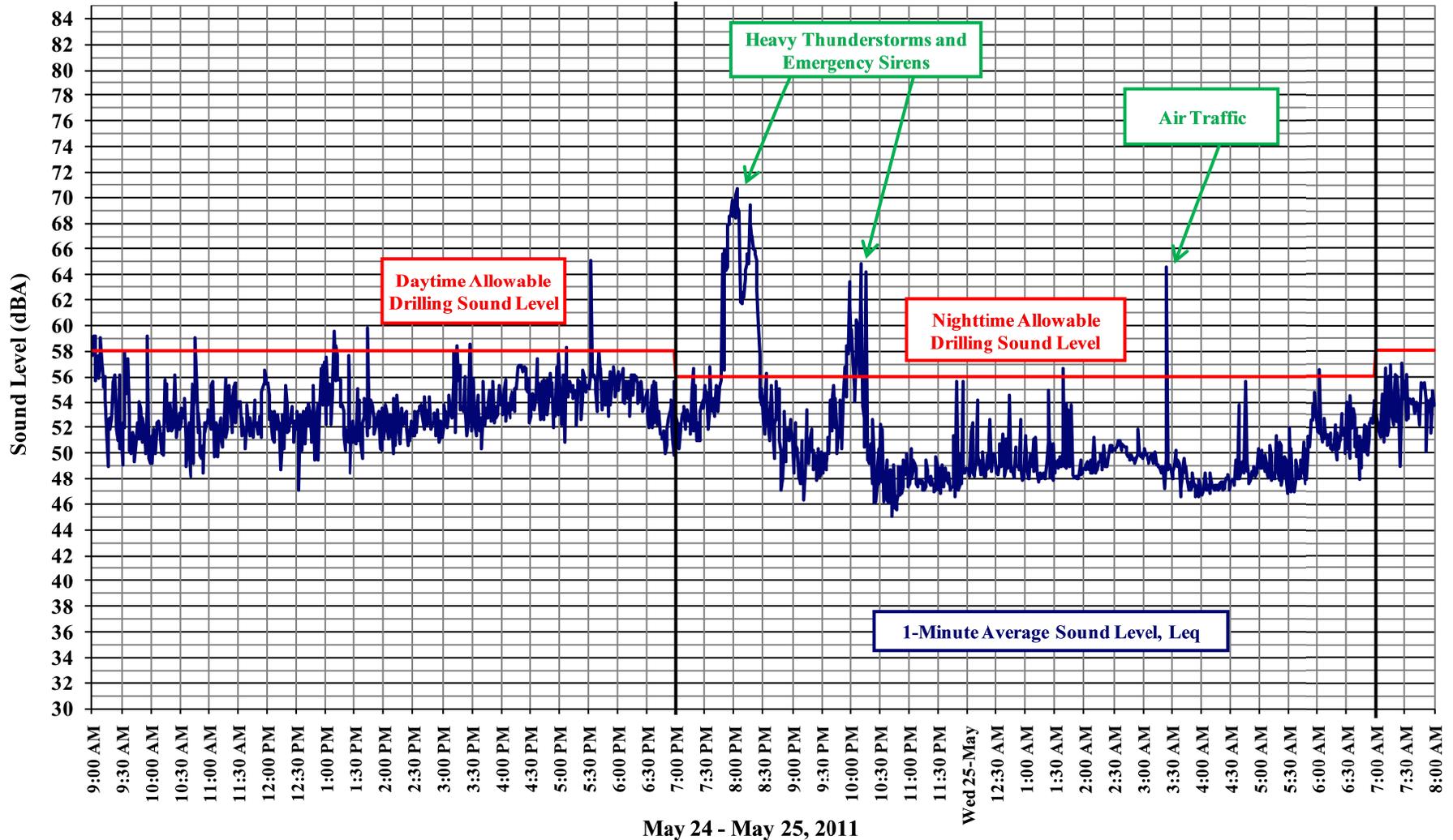


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



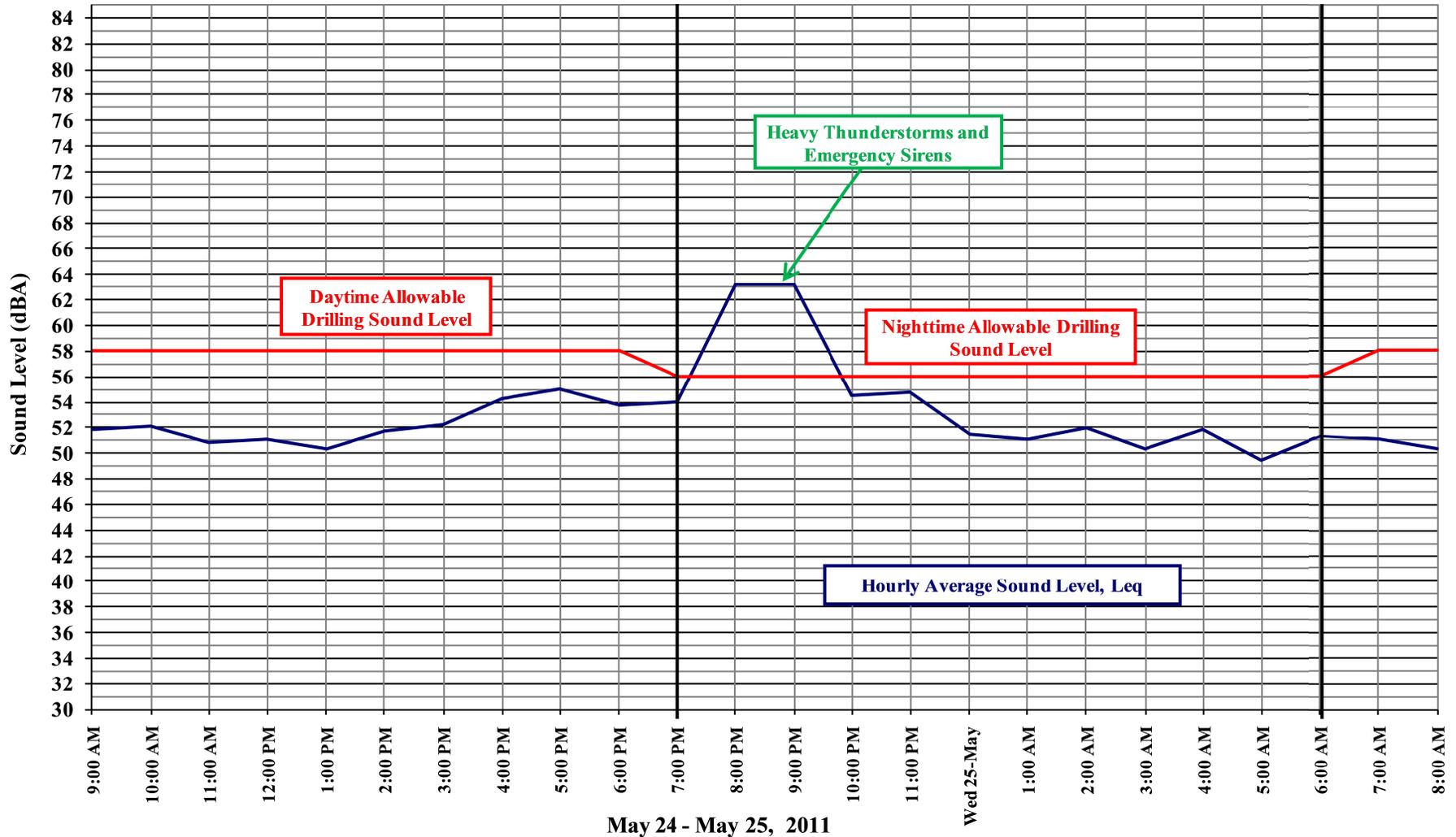


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



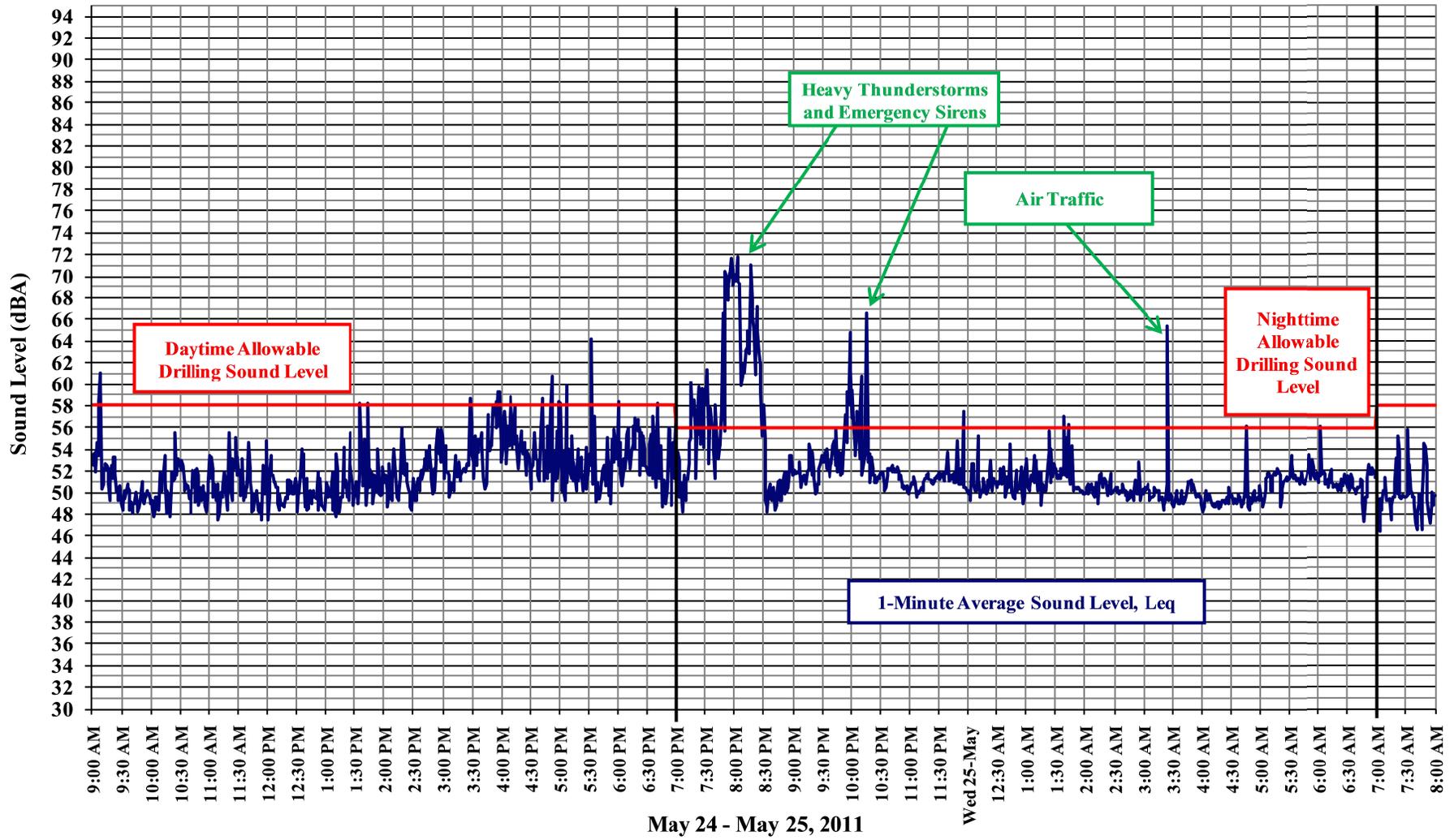


## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring





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



# Behrens and Associates, Inc.

*Environmental Noise Control*



May 26, 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, May 25, to Thursday, May 26, 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 11:00 AM – 1:00 PM on Wednesday, May 25, 2011. Review of an audio recording made during the monitoring period revealed off-site noise from lawn maintenance in the vicinity of Monitoring Location #1 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.

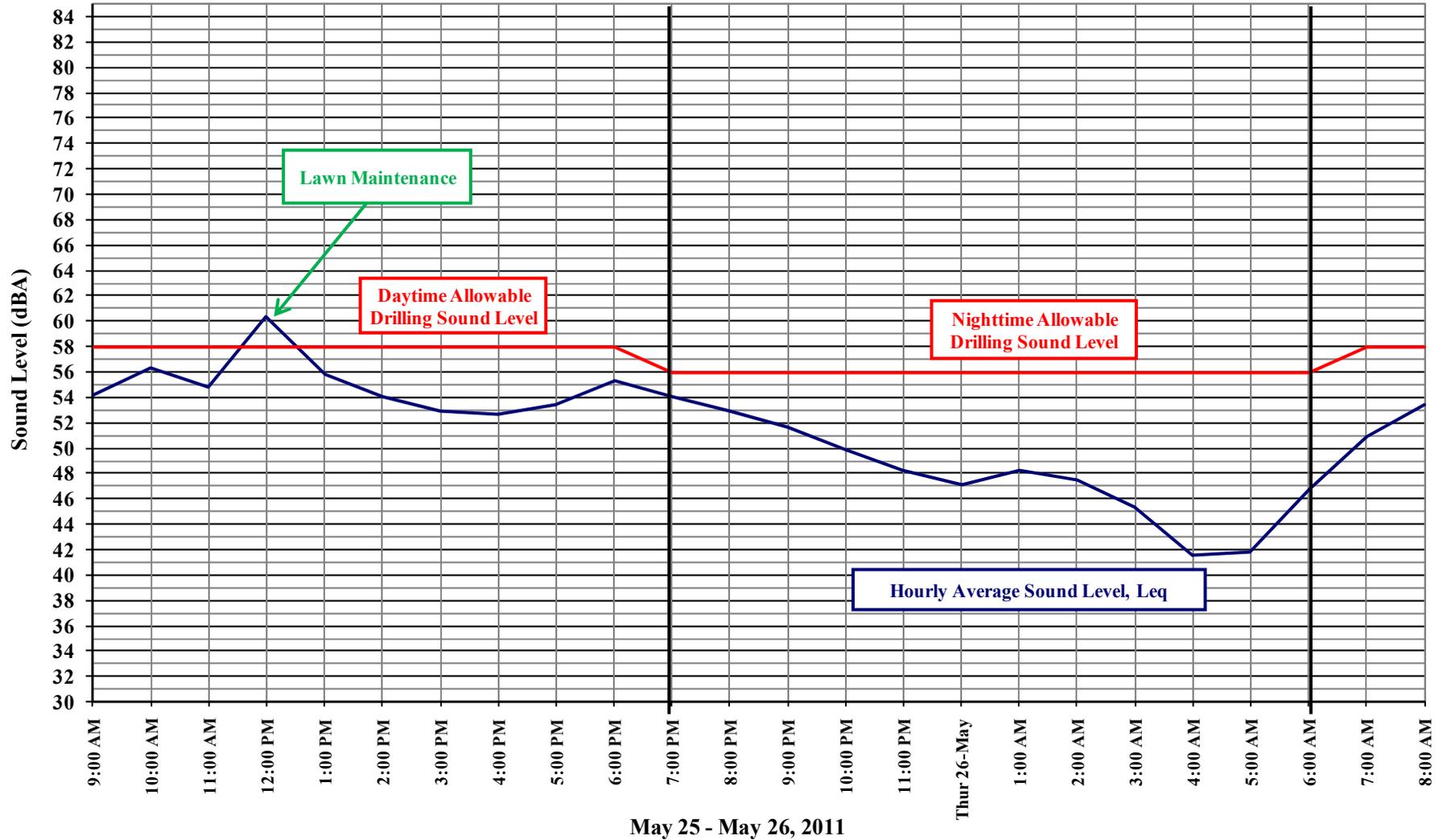
Very truly yours,

Don Behrens  
President  
95-4460624

Attachments

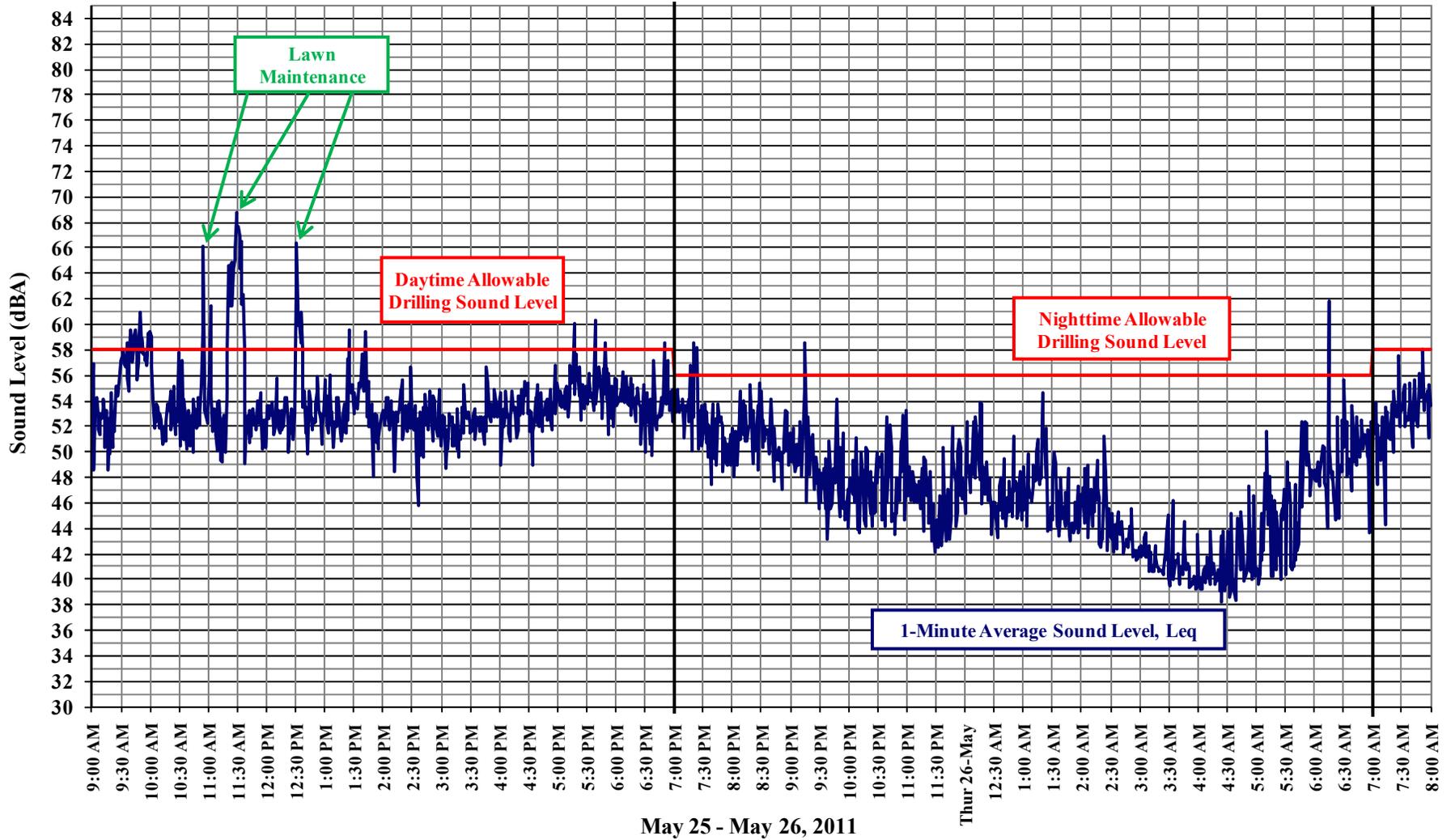


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



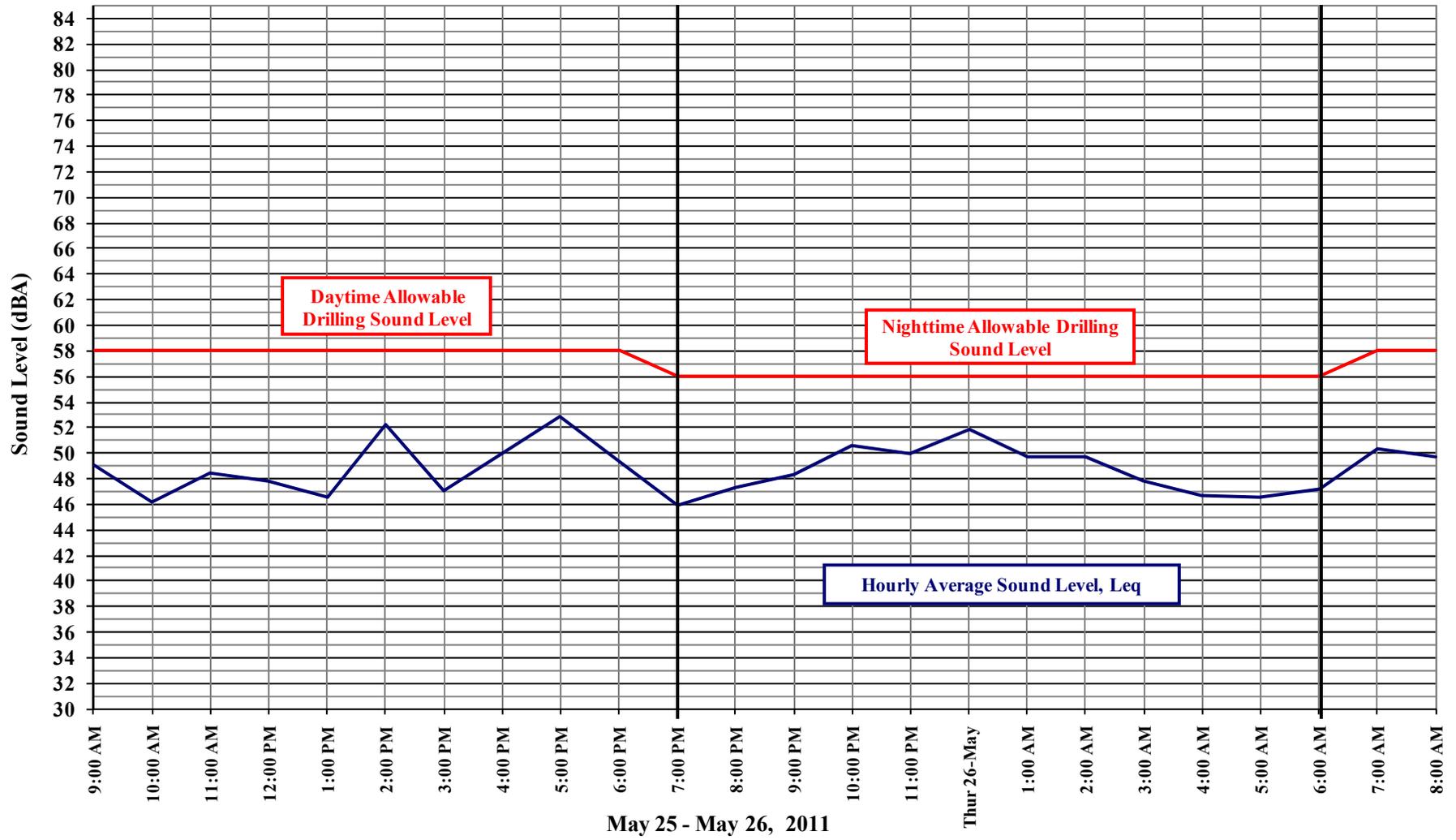


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring





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





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

