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## ***Belcheff & Associates, Inc.***

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Municipal Engineering & Management  
TBPE Reg. No. F-368

100 Trophy Club Dr., Ste. 103  
Trophy Club, Texas 76262

March 23, 2011

Ron Ruthven  
Community Development and Public Works Director  
100 Main Street  
Colleyville, Texas 76034

***Re: Trinity Well Site Inspection Report***

Dear Ron:

Attached is a weekly inspection summary report for the Titan, Trinity well site.

During the next many days drilling activity will be centered on horizontal drilling the "B" well before moving to the next well bore.

If you have any questions, feel free to contact me.

Respectfully,

A handwritten signature in black ink, appearing to read 'Ch', with a long horizontal flourish extending to the right.

Christopher Polidore, P.E.  
Gas Inspector – City of Colleyville

Cc: George Belcheff

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

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

Date(s): March 16 – 22, 2011

Inspector: Christopher Polidore  
Belcheff & Associates, Inc.

## General Comments:

Over the next several days, horizontal drilling will continue on the “B” well. New activity at the site involves landscaping. There is continued interest by the general public to enter the site. A couple of noise issues arose but review of the monitoring reports showed the operator was in compliance.

## Noise

With construction of a second 32 feet high sound wall at the west end of the property, sound levels at the far western monitoring site show lower sound levels. As a result of the new sound wall, the site #1 sound monitor was relocated to the original location of the ambient noise study.

A couple of noise complaints were received over the past week. All sound monitoring reports submitted for review showed compliance. Recordings reviewed during this time frame show air traffic continues to contribute to increased noise levels. This past week sirens also contributed to increased noise levels.

## Dust/Erosion

The operator has continued to sweep the entrance drive on a regular basis to minimize dust.

## Environmental

Fire Marshal performs periodic VOC monitoring. There has been no reported detection.

There was another incident of seepage from the overflow outlet of one of the sewage tanks. Since this was recently reported, the exact cause is unknown at this time. It is expected that this is due to a stuck toilet valve.

## Housekeeping/Storage

The site is in good condition. There is more room in the interior of the site due to rearrangement of supplies and equipment and the fact that most of the drill pipe is loaded on the rig.

## Documentation/Reporting

Daily sound monitoring reports and activity summaries are being submitted for review.

## Traffic Control

No issues reported.

### Landscaping

Landscaping started on 3/19/2011, and continues. Existing trees on the site entry have been pruned.

### Security

The general public continues to have an interest in entering the site with a couple of incidents in the past week where people have asked the security officer for access to the site and were denied.

### Signage

RRC compliant signs have been ordered.

### Fire

Numerous fire extinguishers locations were noted around the site with additional deployment when work is centered around the rig.

### Work Hours

N/R

### Safety

A couple of MSDS sheets for products that were delivered to the site which were not in the original packet provided to the City were noted. This occurs when new or replacement products are delivered.

### General Site Conditions

The general condition of the well site is good.

### Other Ordinance/SUP Specific

N/R

### Regulatory Compliance

RRC signage has been on order.

# **Behrens and Associates, Inc.**

*Environmental Noise Control*



March 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 Thursday, March 17, to Friday, March 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).

Please contact me if you have any questions or comments.

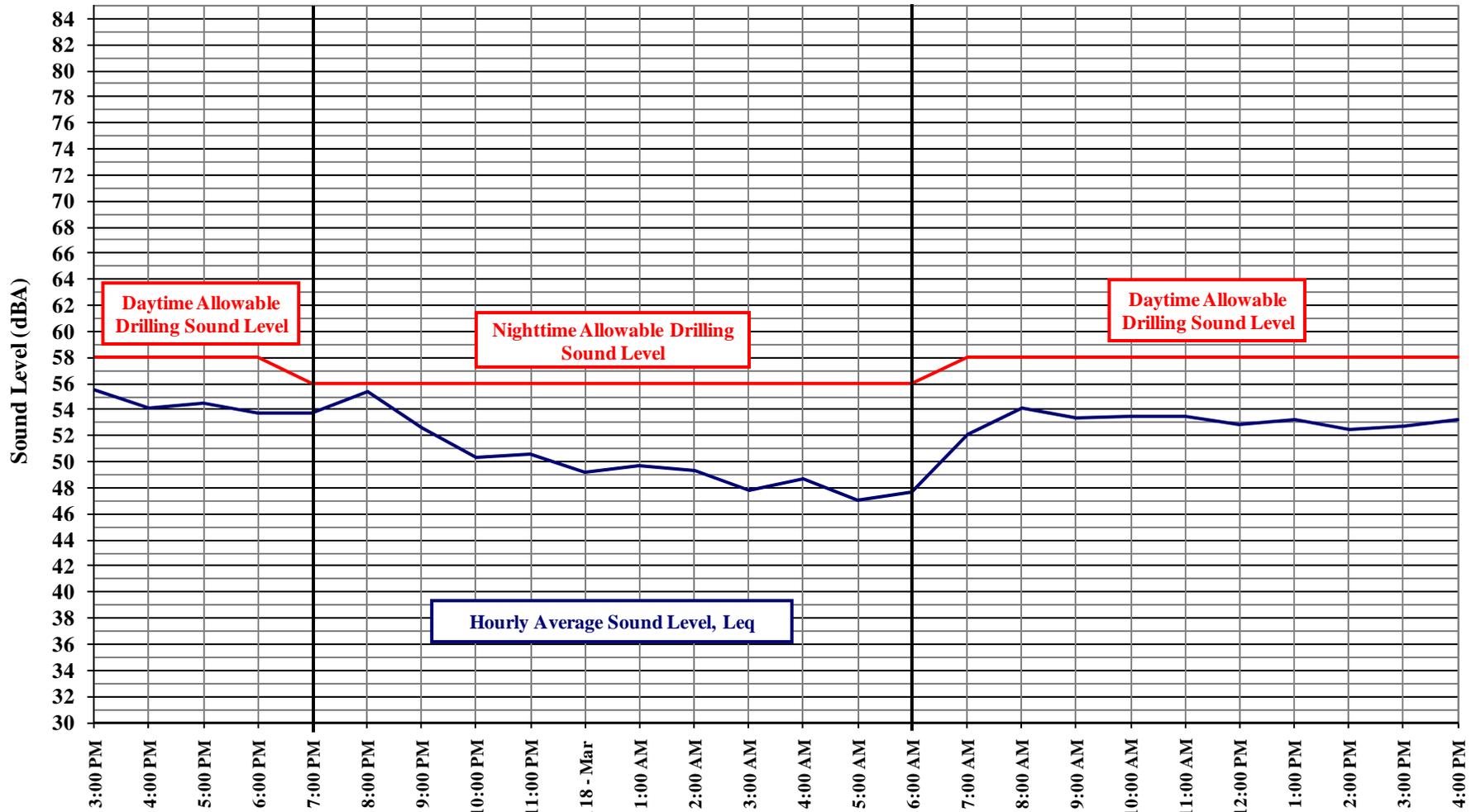
Very truly yours,

Don Behrens  
President  
95-4460624

Attachments



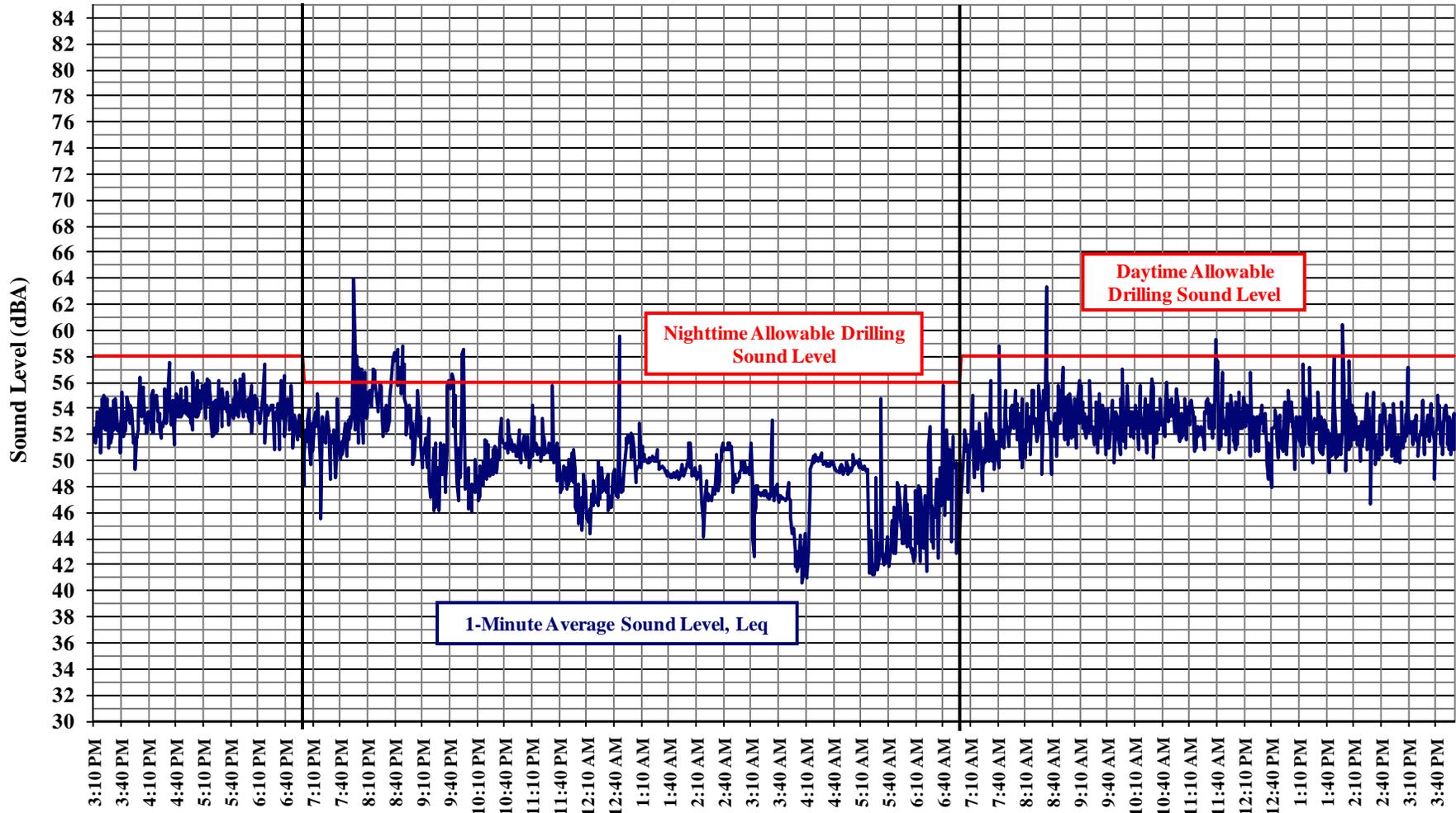
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



March 17 - March 18, 2011



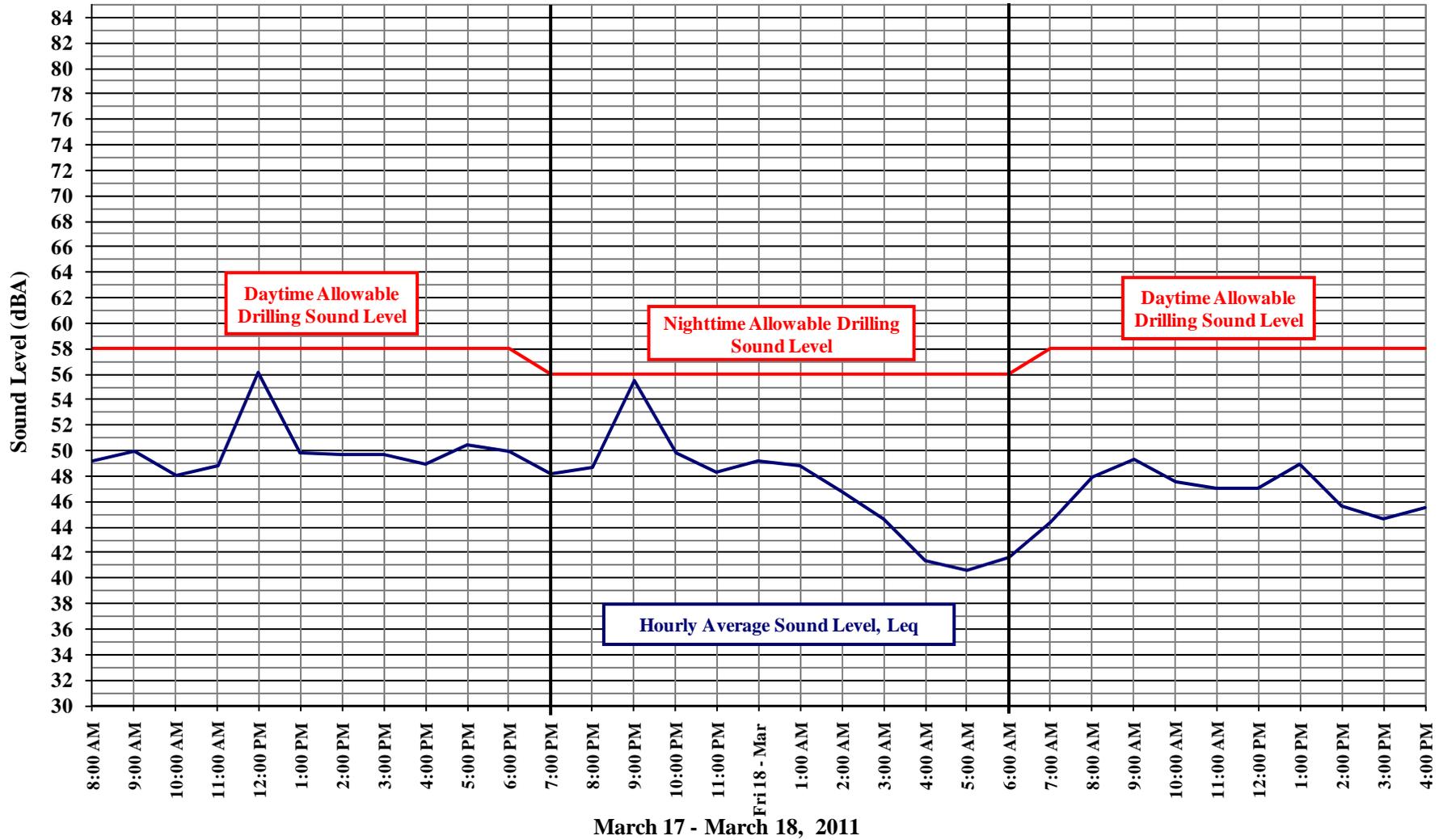
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



March 17 - March 18, 2011

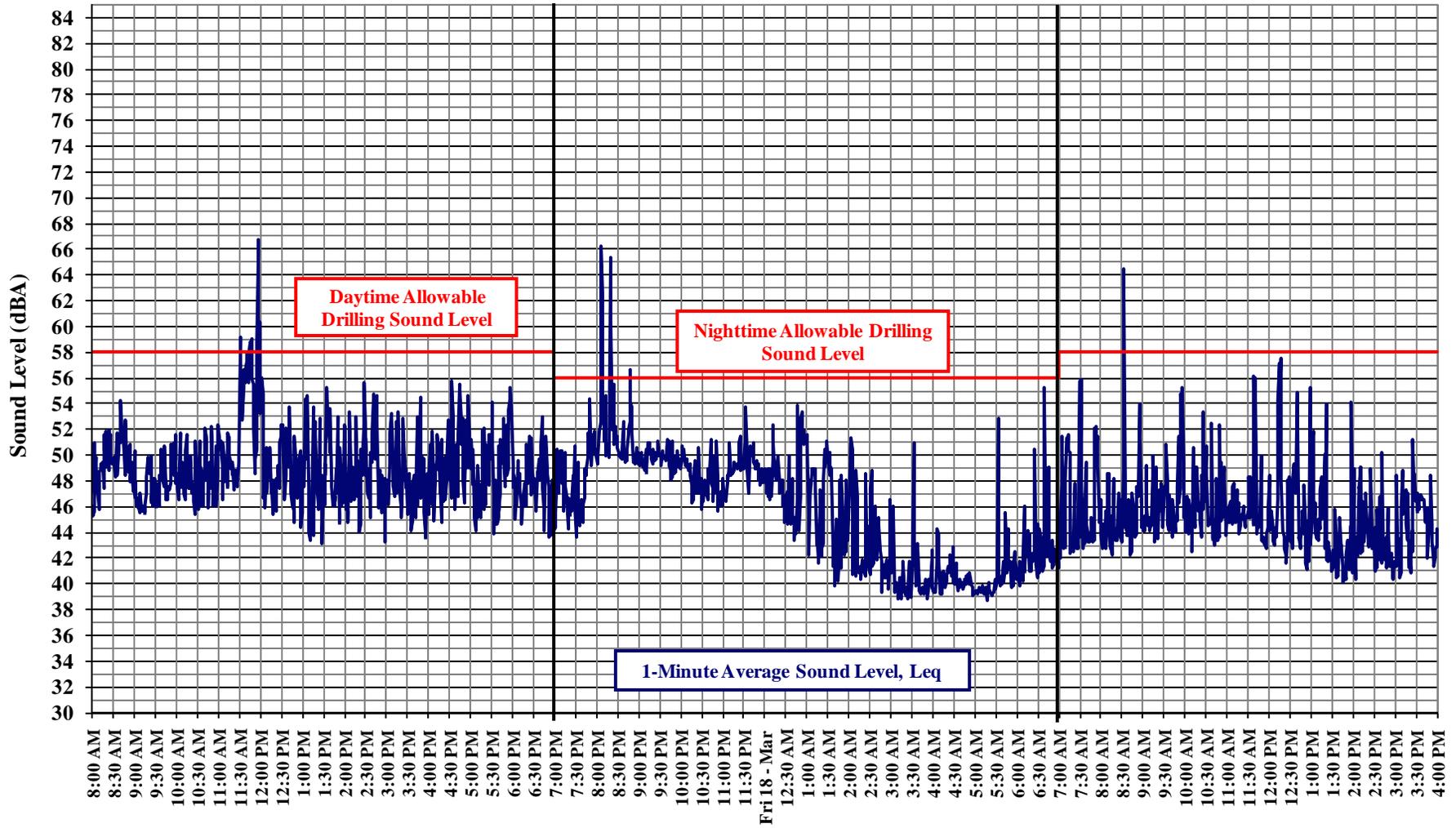


## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring





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



March 17 - March 18, 2011

# **Behrens and Associates, Inc.**

*Environmental Noise Control*



March 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 Friday, March 18, to Saturday, March 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).

Please contact me if you have any questions or comments.

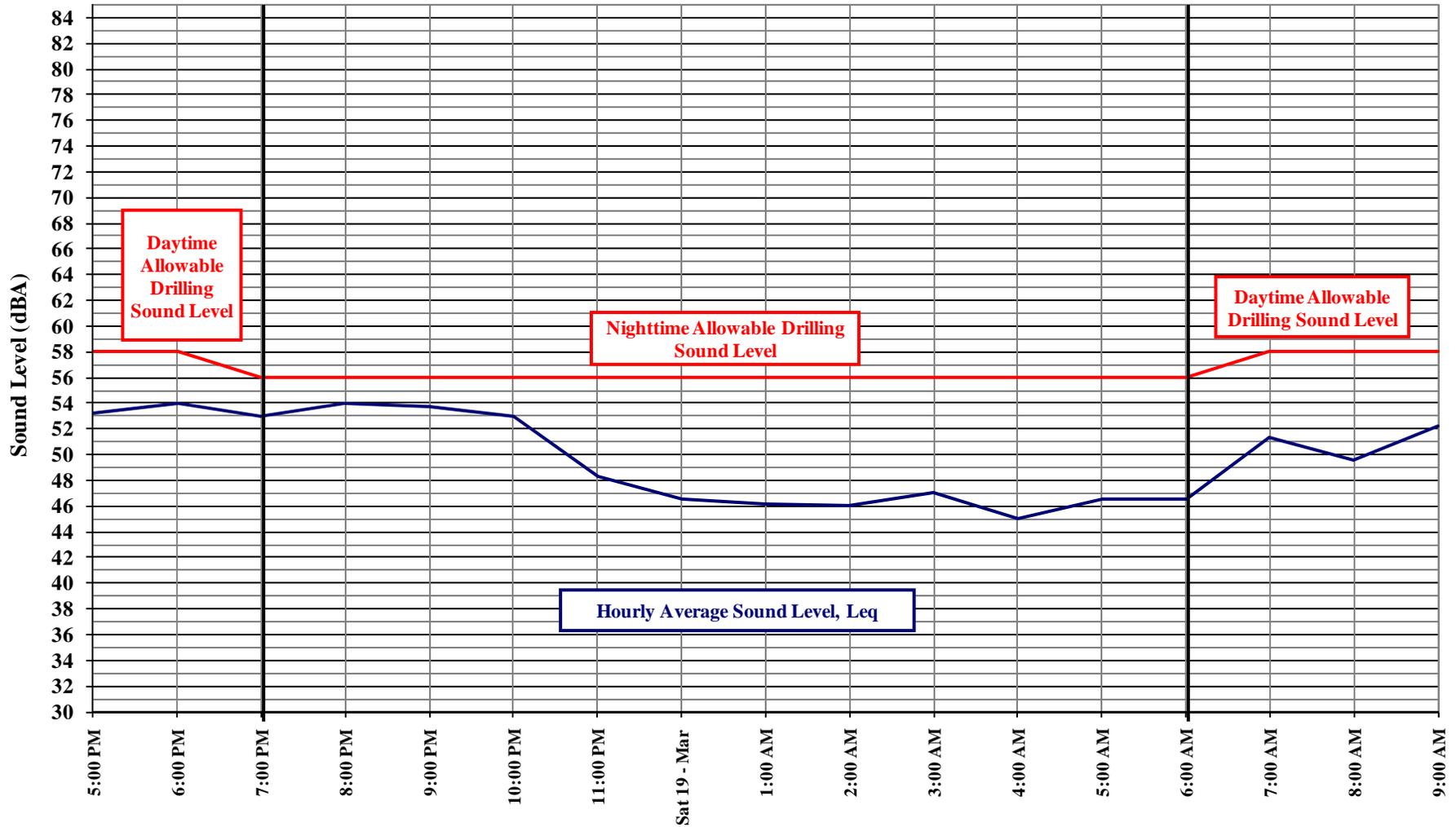
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Don Behrens  
President  
95-4460624

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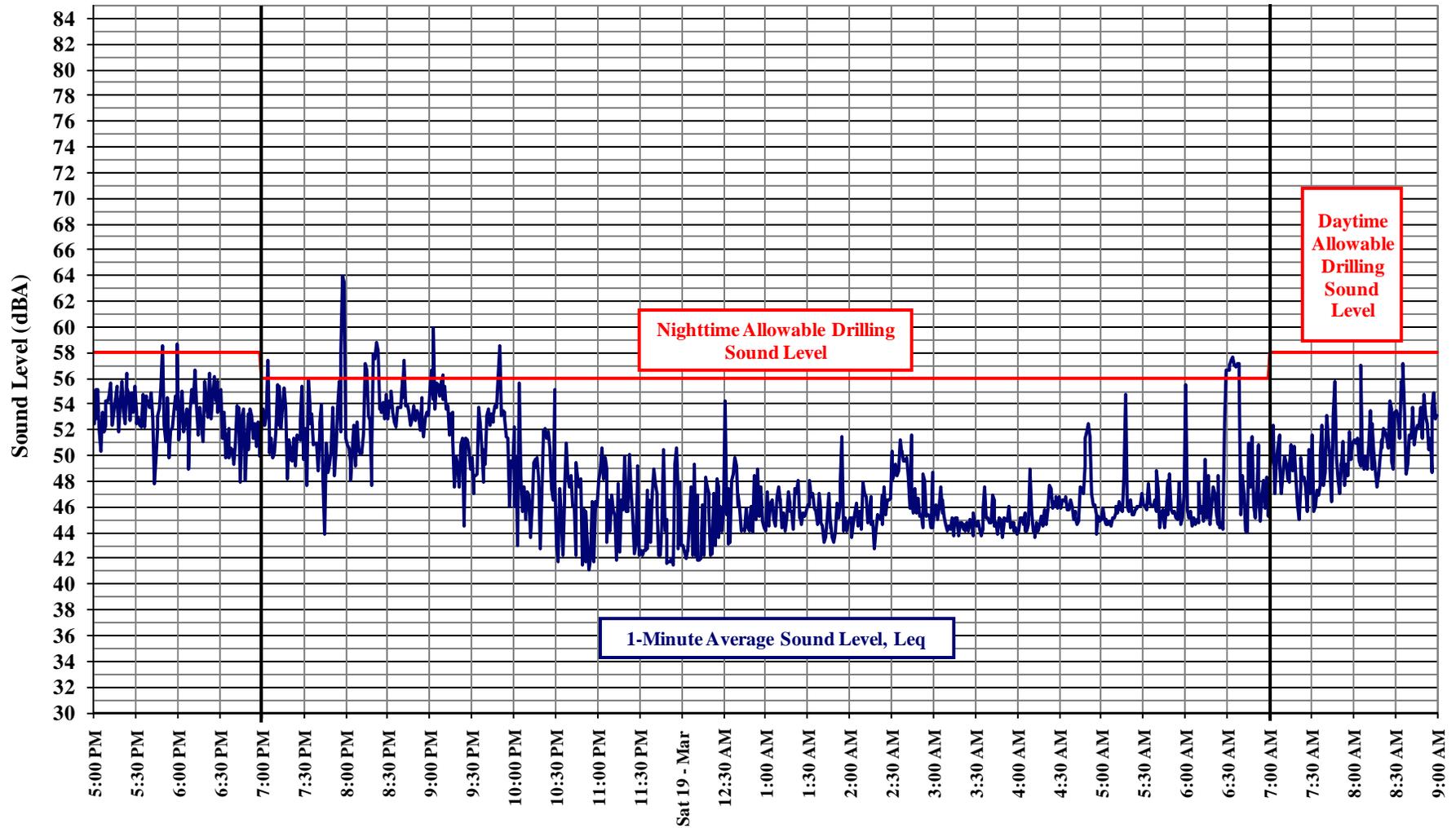
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



March 18 - March 19, 2011



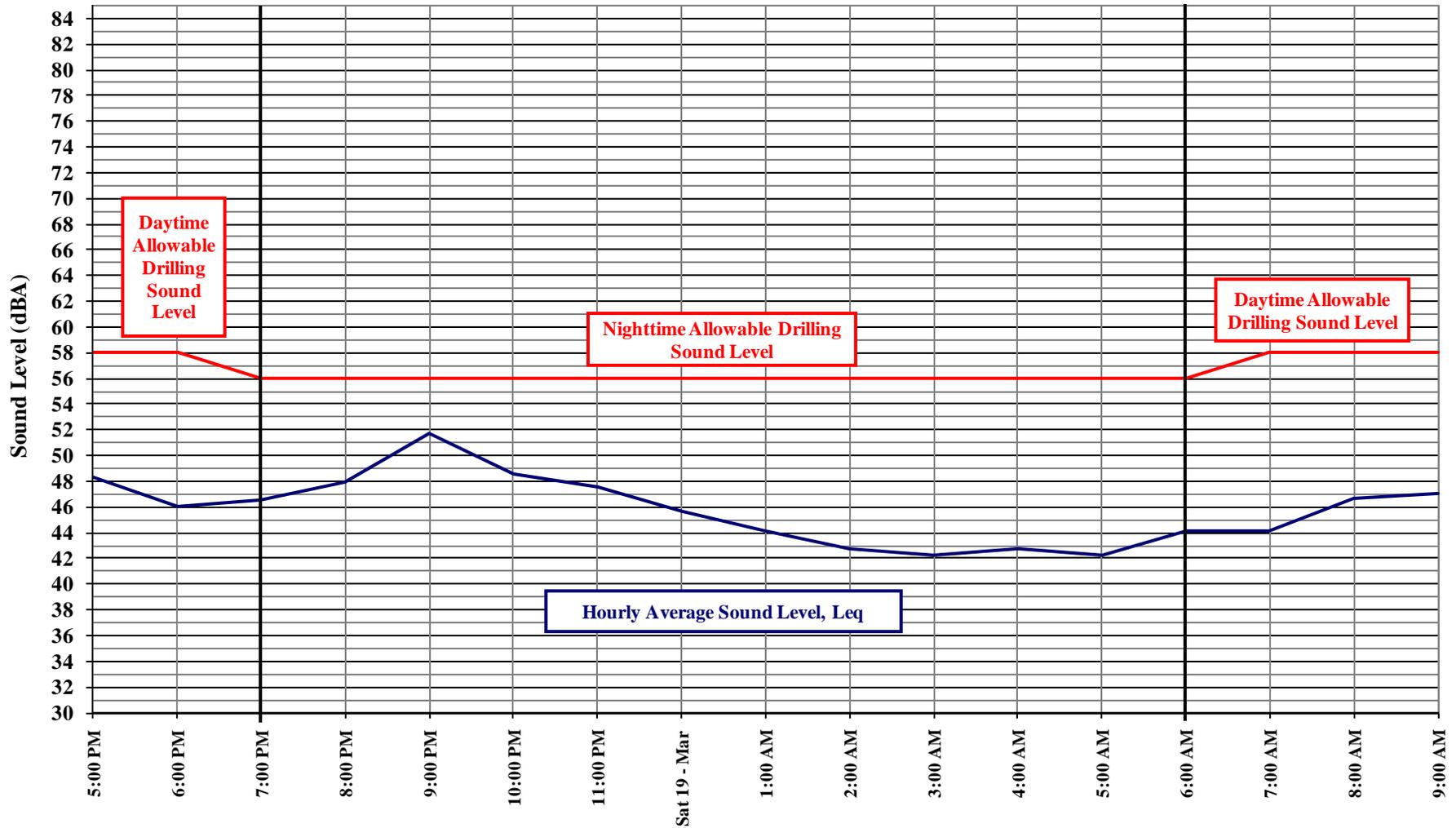
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



March 18 - March 19, 2011



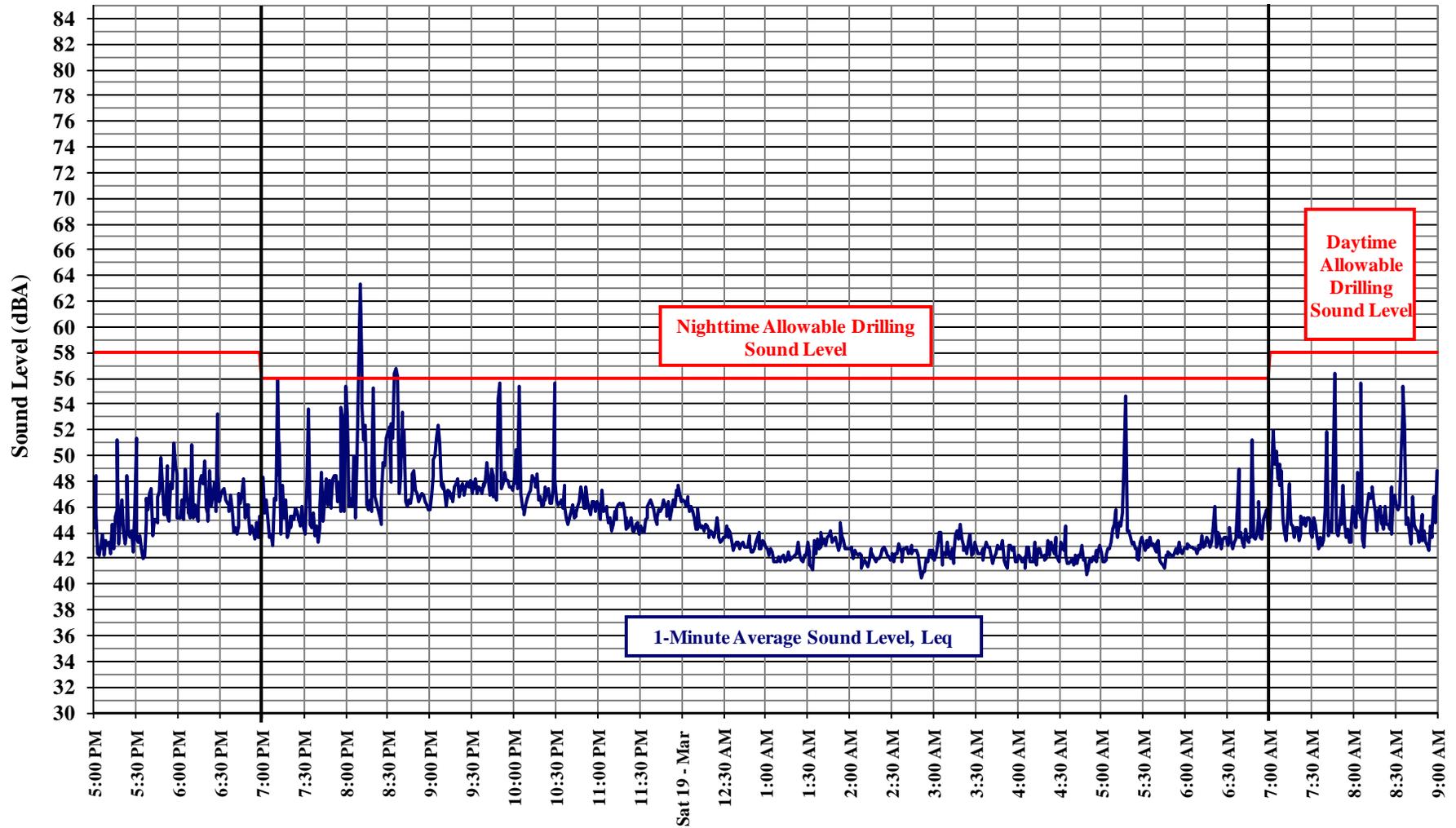
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



March 18 - March 19, 2011



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



March 18 - March 19, 2011

# **Behrens and Associates, Inc.**

*Environmental Noise Control*



March 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 Saturday, March 19, to Sunday, March 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).

Please contact me if you have any questions or comments.

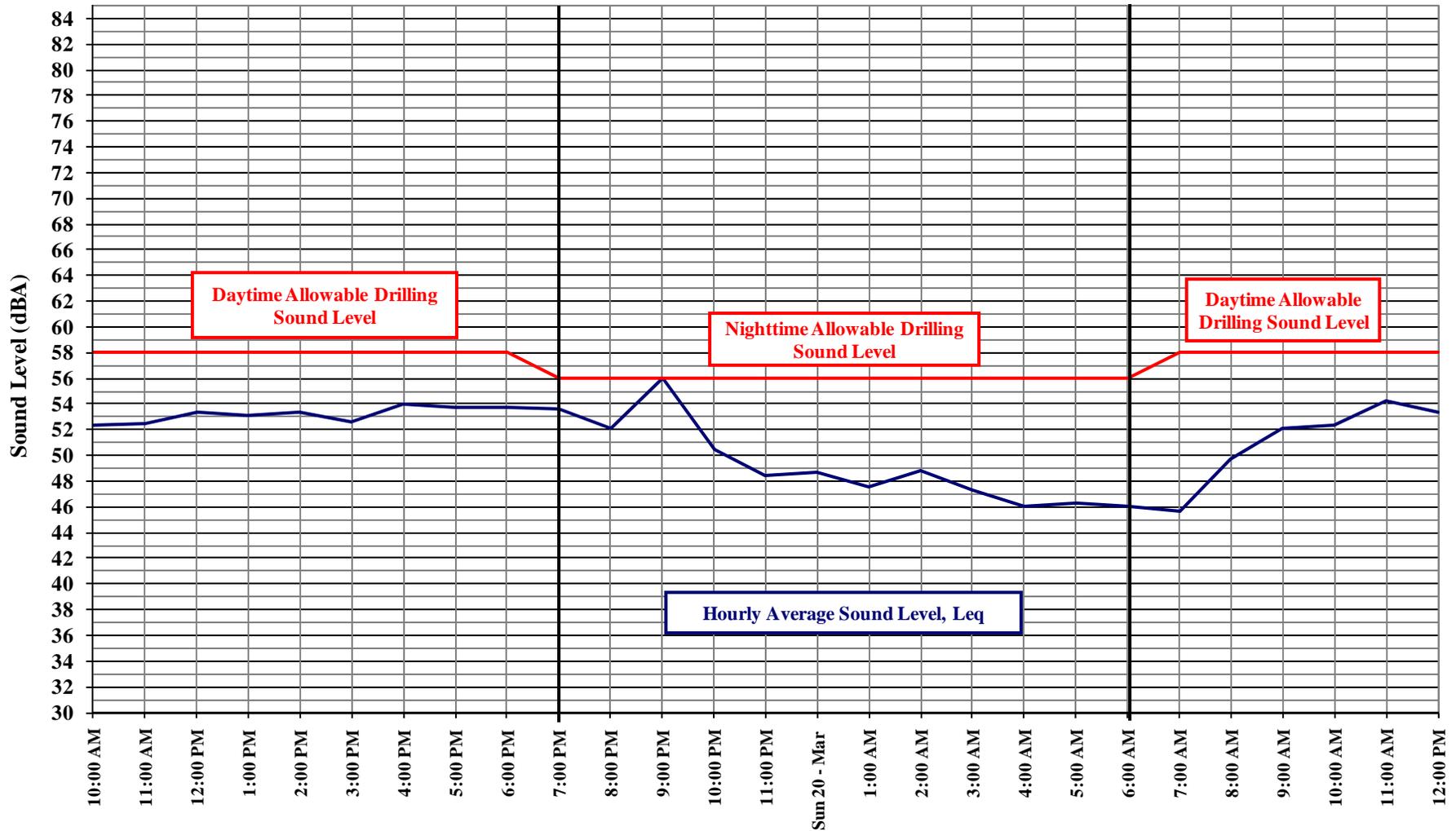
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Don Behrens  
President  
95-4460624

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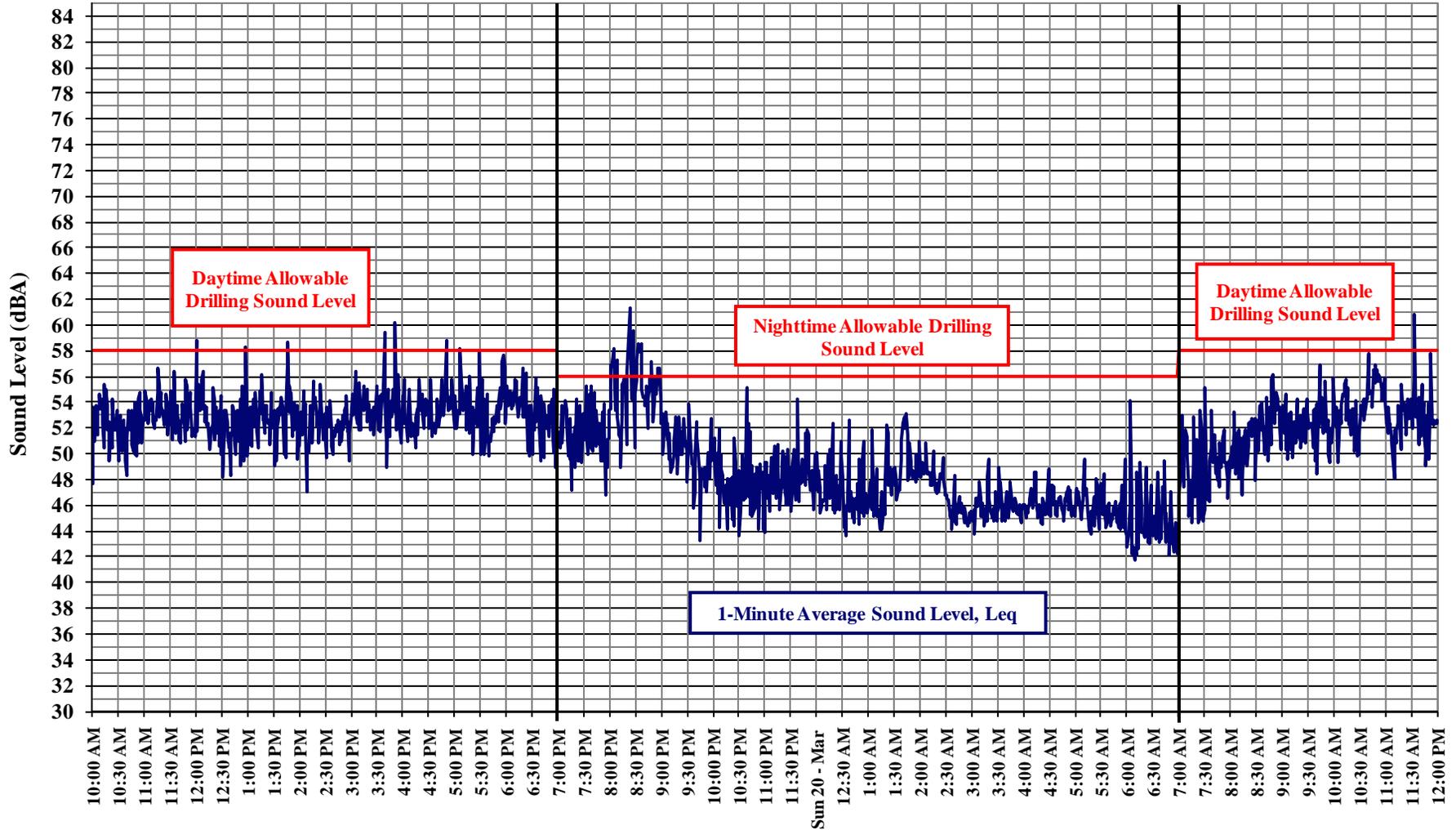
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



March 19 - March 20, 2011



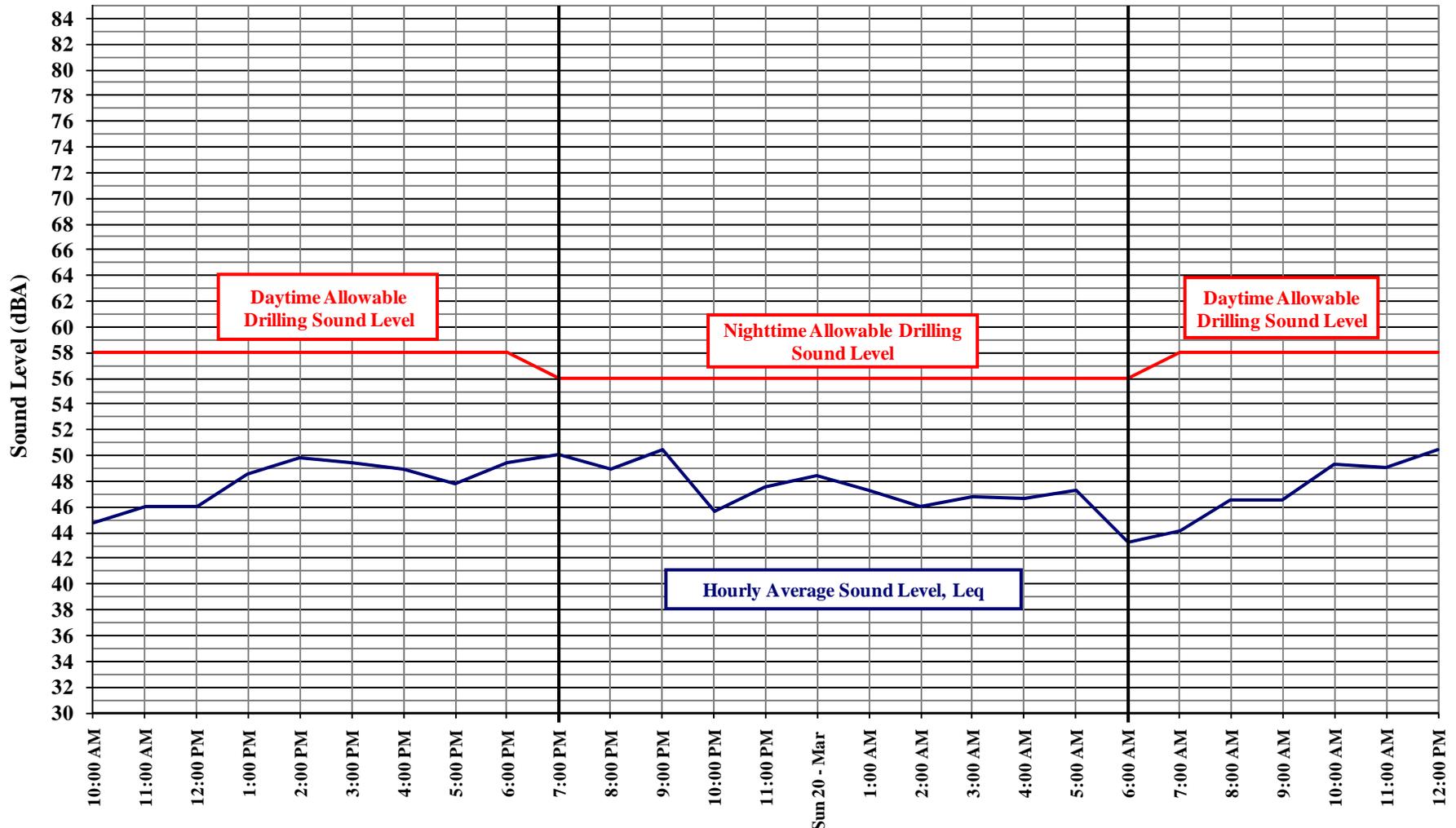
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



March 19 - March 20, 2011



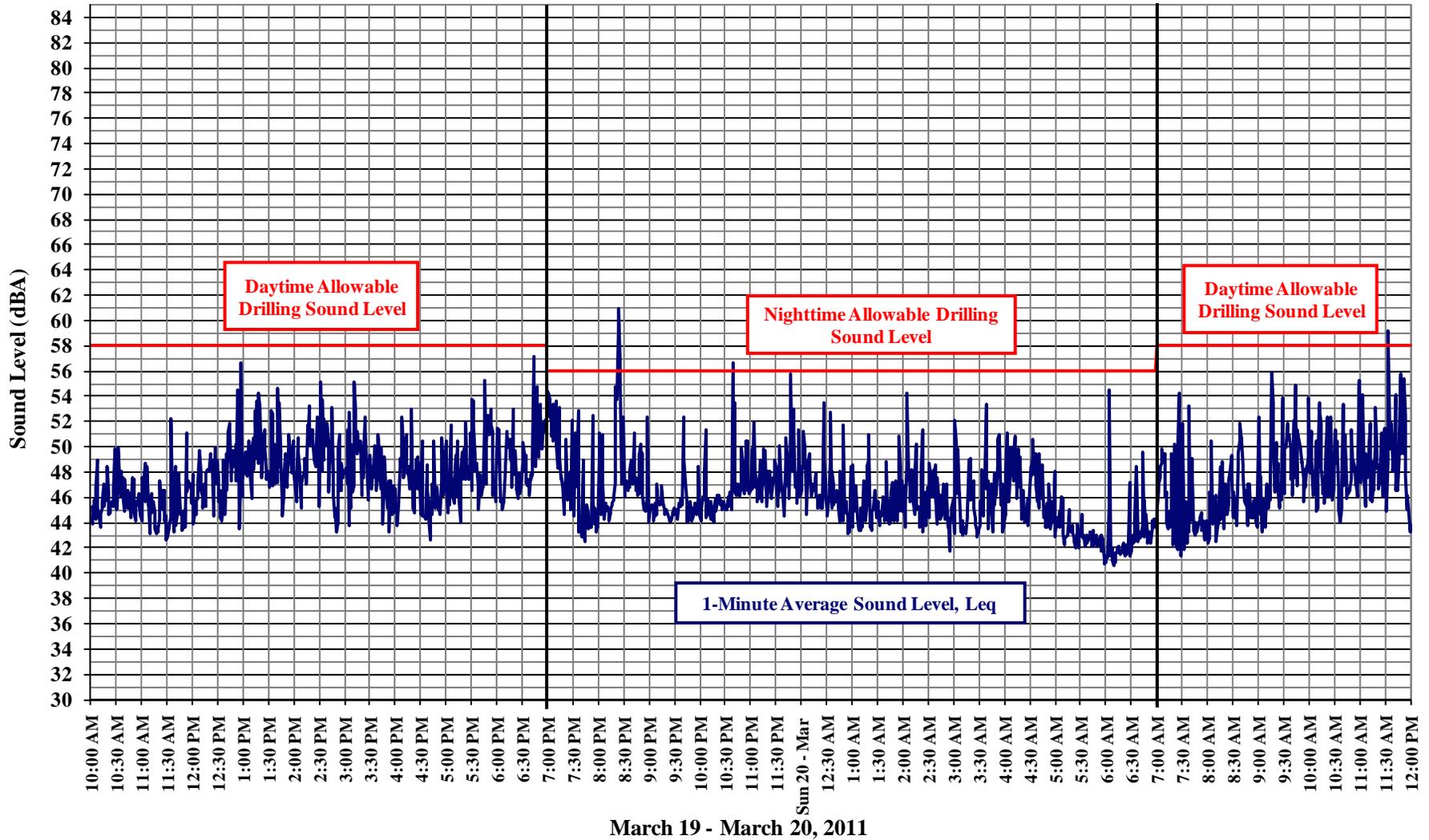
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



March 19 - March 20, 2011



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



# **Behrens and Associates, Inc.**

*Environmental Noise Control*



March 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 Sunday, March 20, to Monday, March 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 during the 8:00 PM hour on Sunday, March 20, 2011. Review of an audio recording made during the monitoring period revealed off-site noise from air traffic in the vicinity of the monitoring location as the cause of the elevated sound levels.

Please contact me if you have any questions or comments.

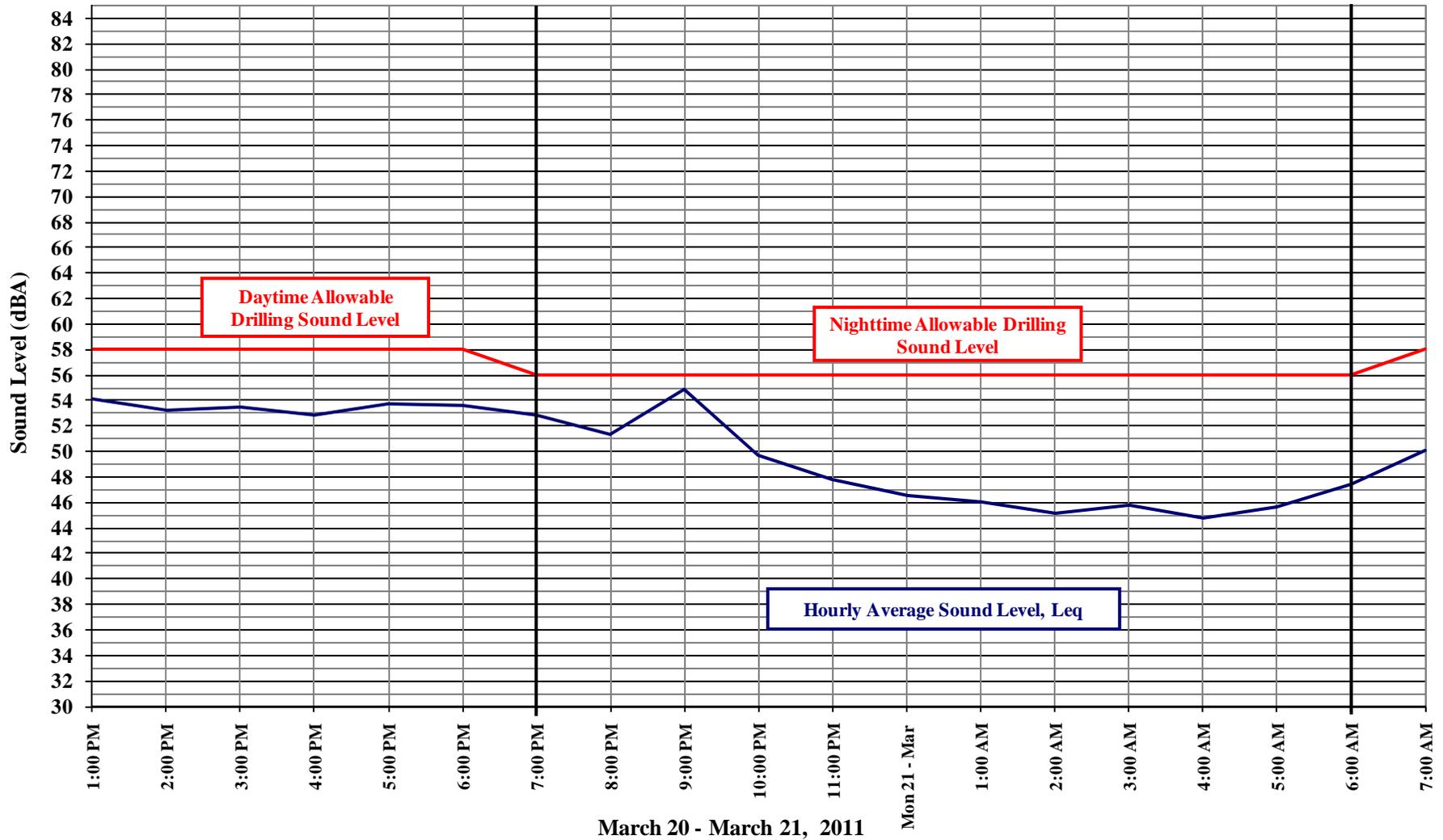
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Don Behrens  
President  
95-4460624

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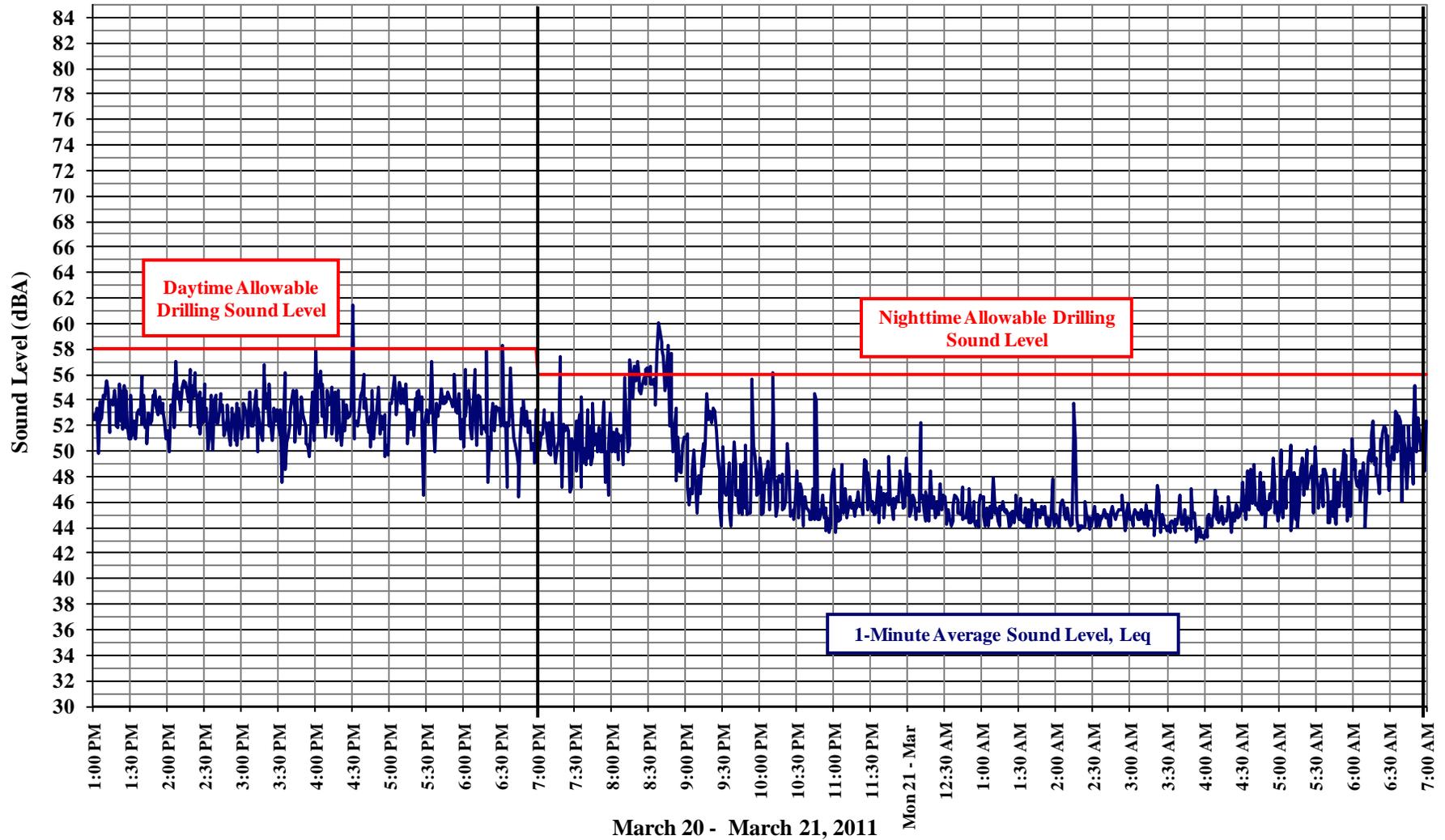


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



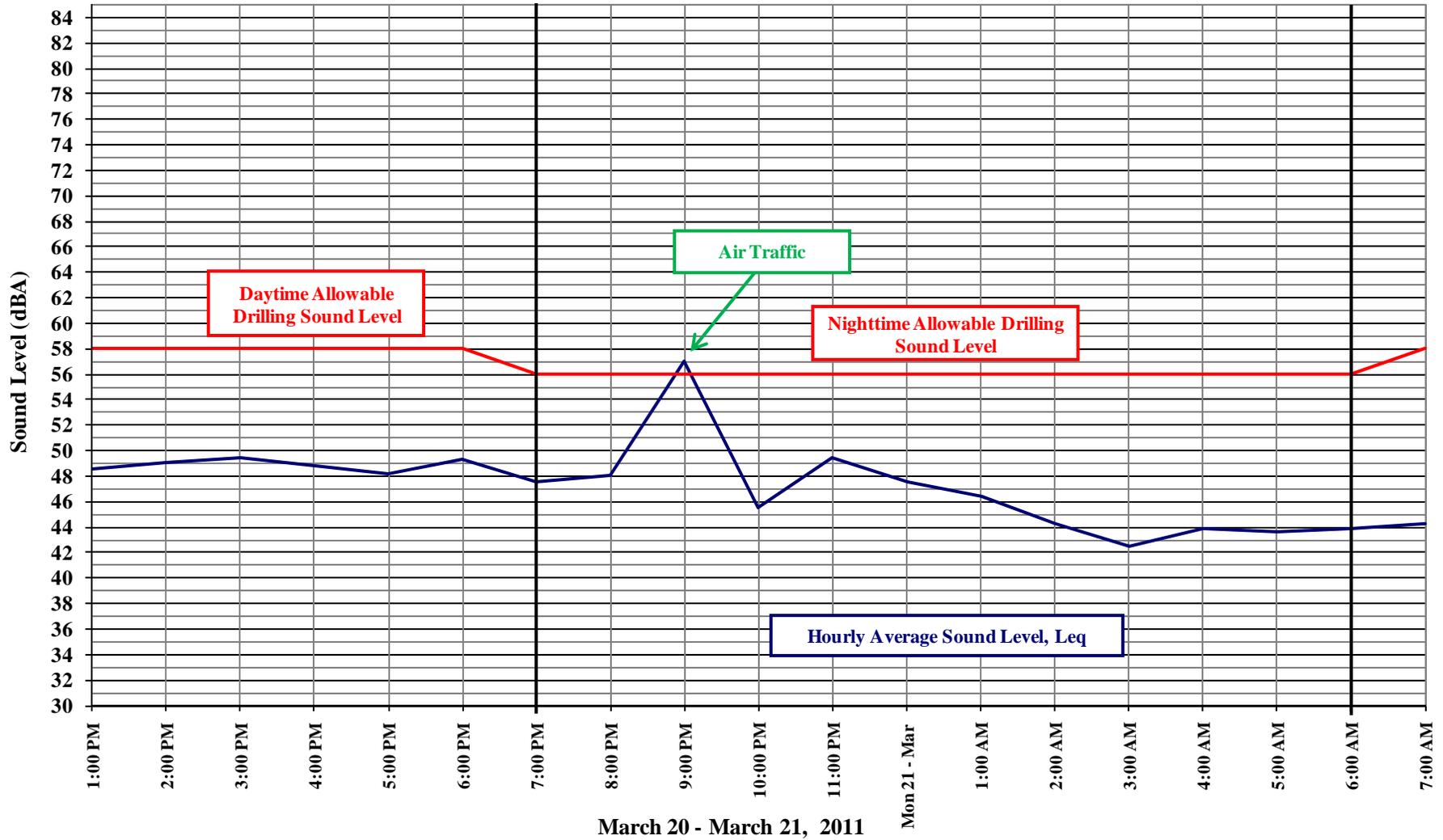


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



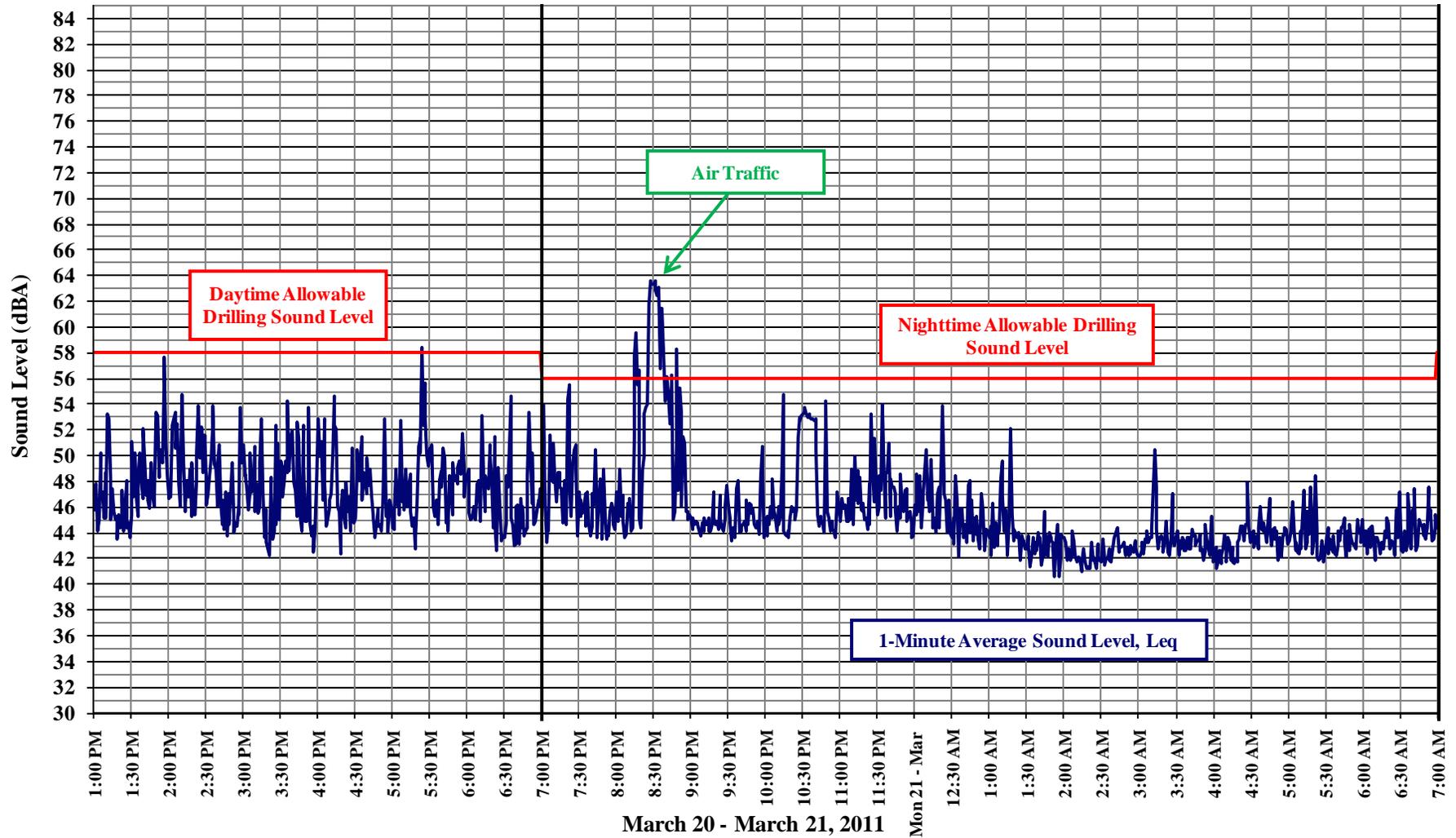


## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring





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



# **Behrens and Associates, Inc.**

*Environmental Noise Control*



March 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 Monday, March 21, to Tuesday, March 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 during the 6:00 PM hour at Monitoring Location #1 and during the 8:00 PM hour at Monitoring Location #2 on Monday, March 21, 2011. Review of an audio recording made during the monitoring period revealed off-site noise from police sirens at Monitoring Location #1 and air traffic in the vicinity of Monitoring Location #2 as the cause of the elevated sound levels.

Please contact me if you have any questions or comments.

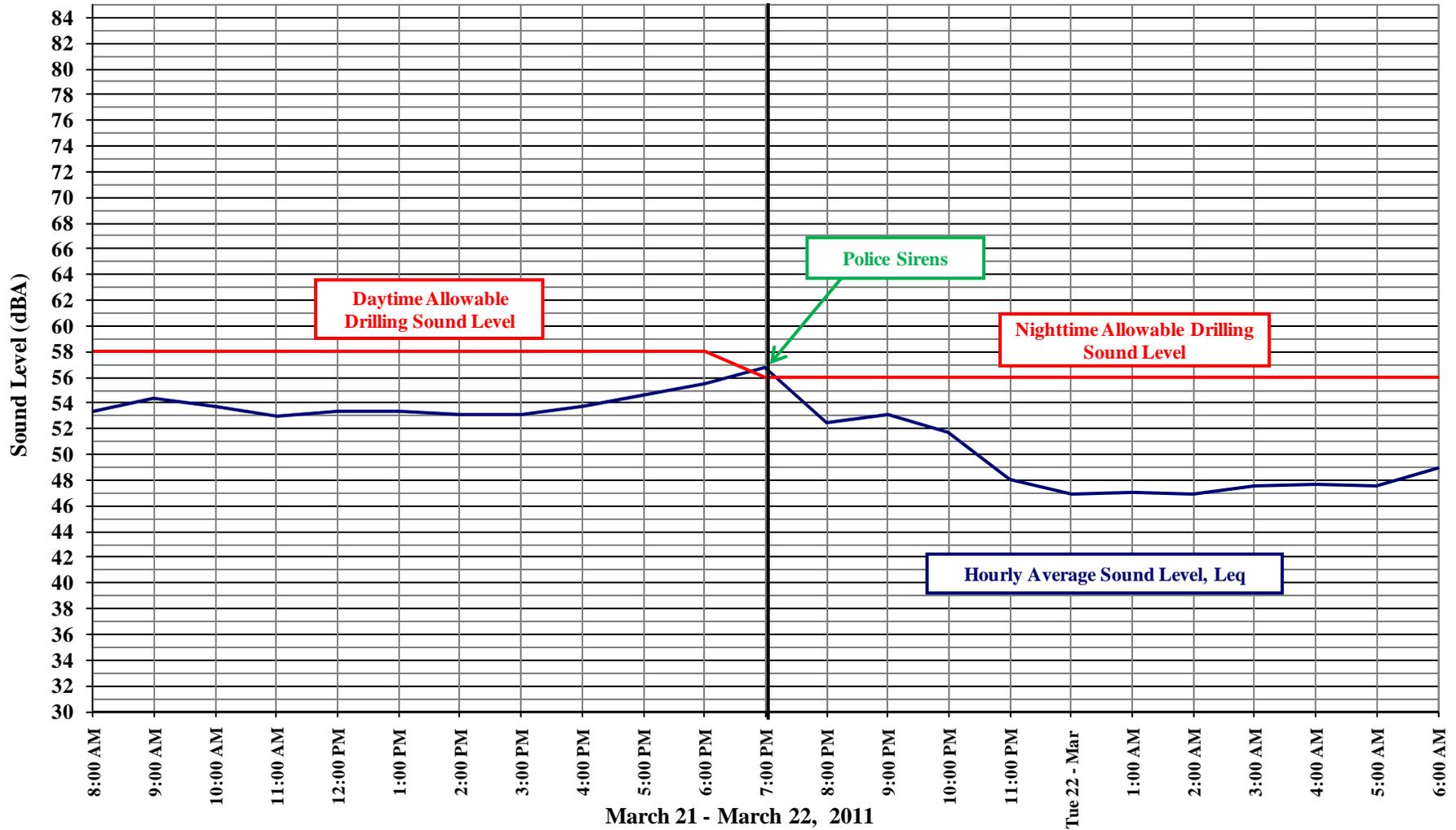
Very truly yours,

Don Behrens  
President  
95-4460624

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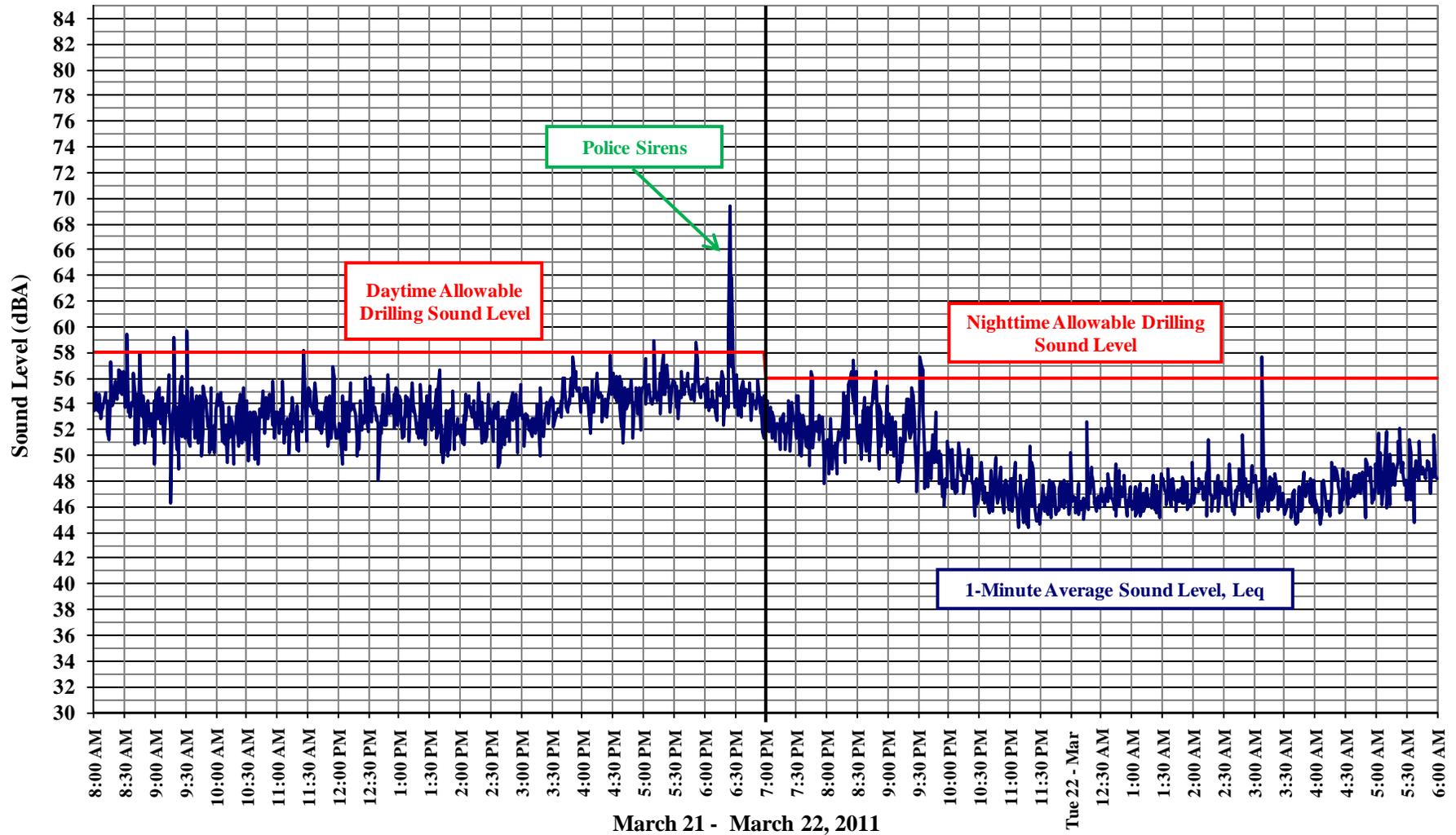


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



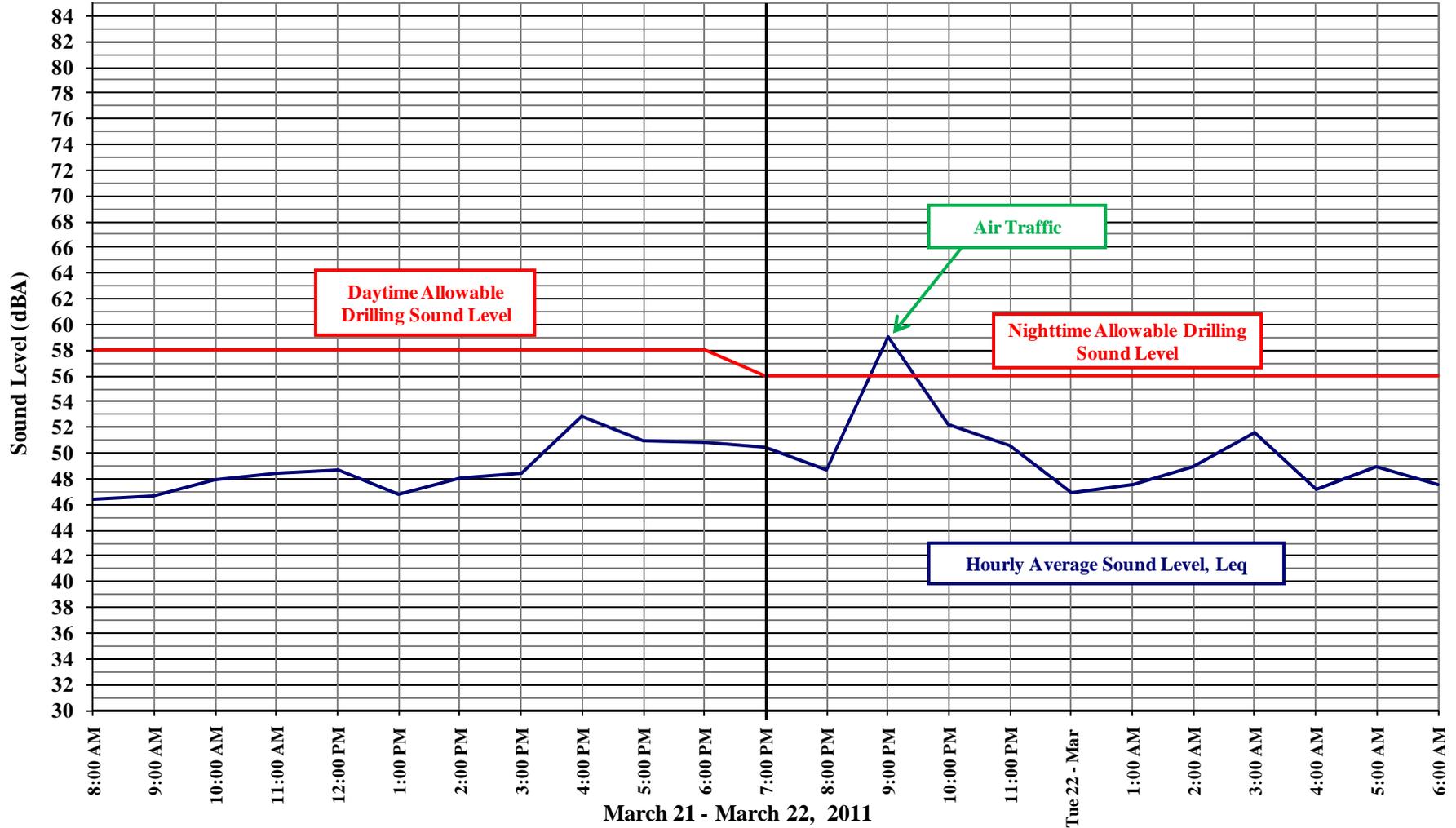


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



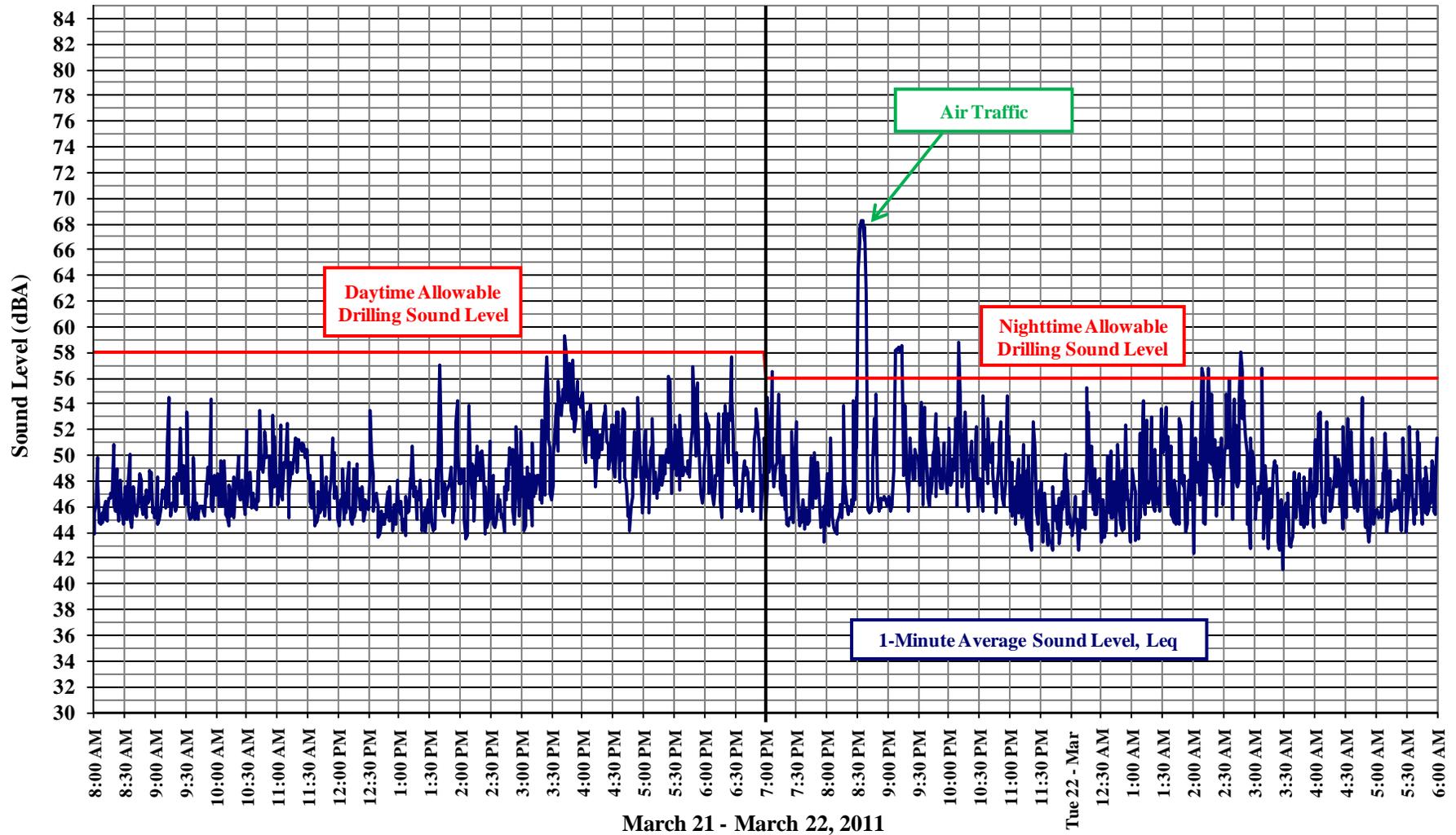


## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring





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



# **Behrens and Associates, Inc.**

*Environmental Noise Control*



March 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 Tuesday, March 22, to Wednesday, March 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 at Monitoring Location #2 during the 8:00 PM hour on Tuesday, March 22, 2011. Review of an audio recording made during the monitoring period revealed off-site noise from air traffic in the vicinity of the monitoring location as the cause of the elevated sound levels.

Please contact me if you have any questions or comments.

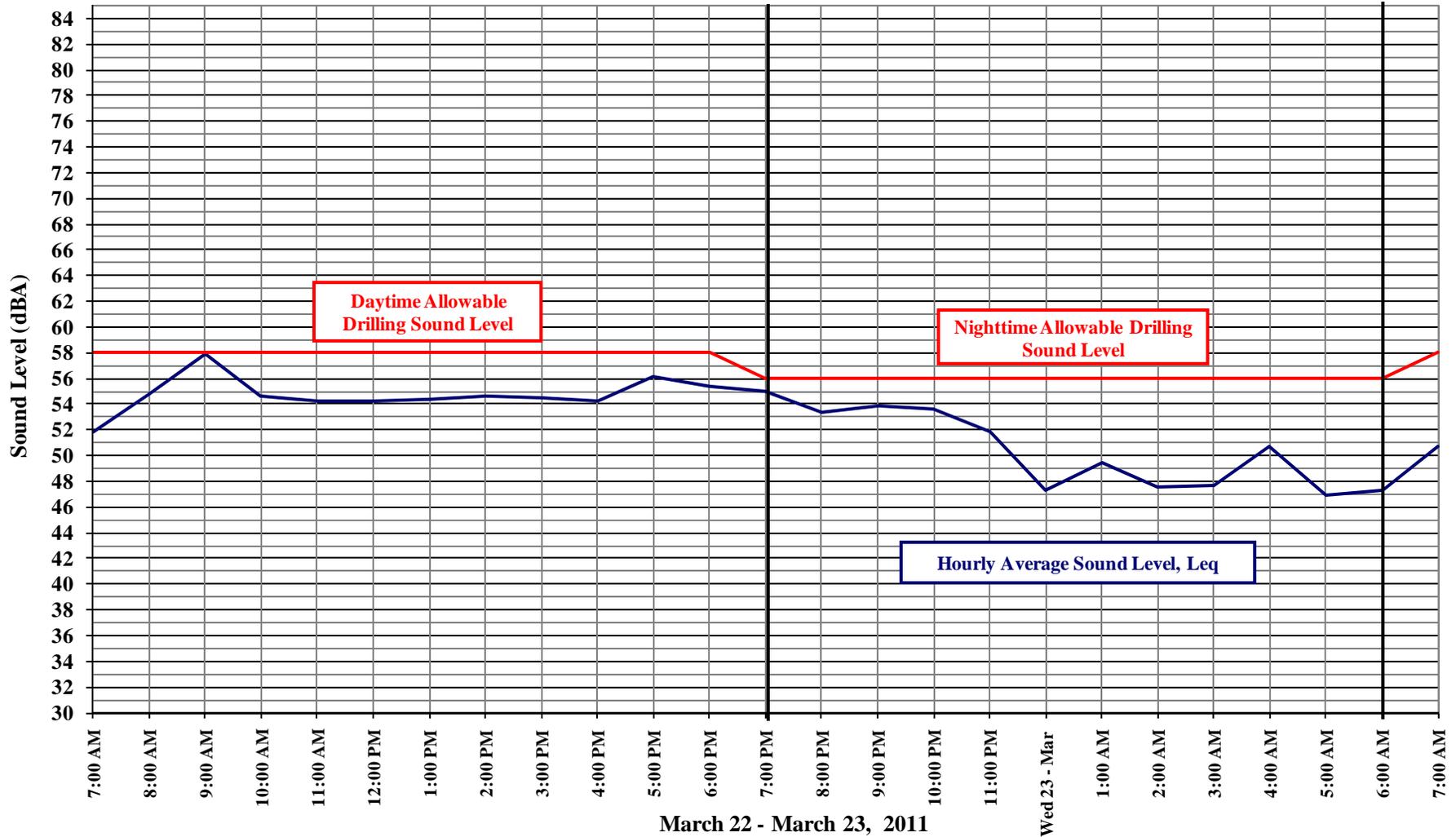
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Don Behrens  
President  
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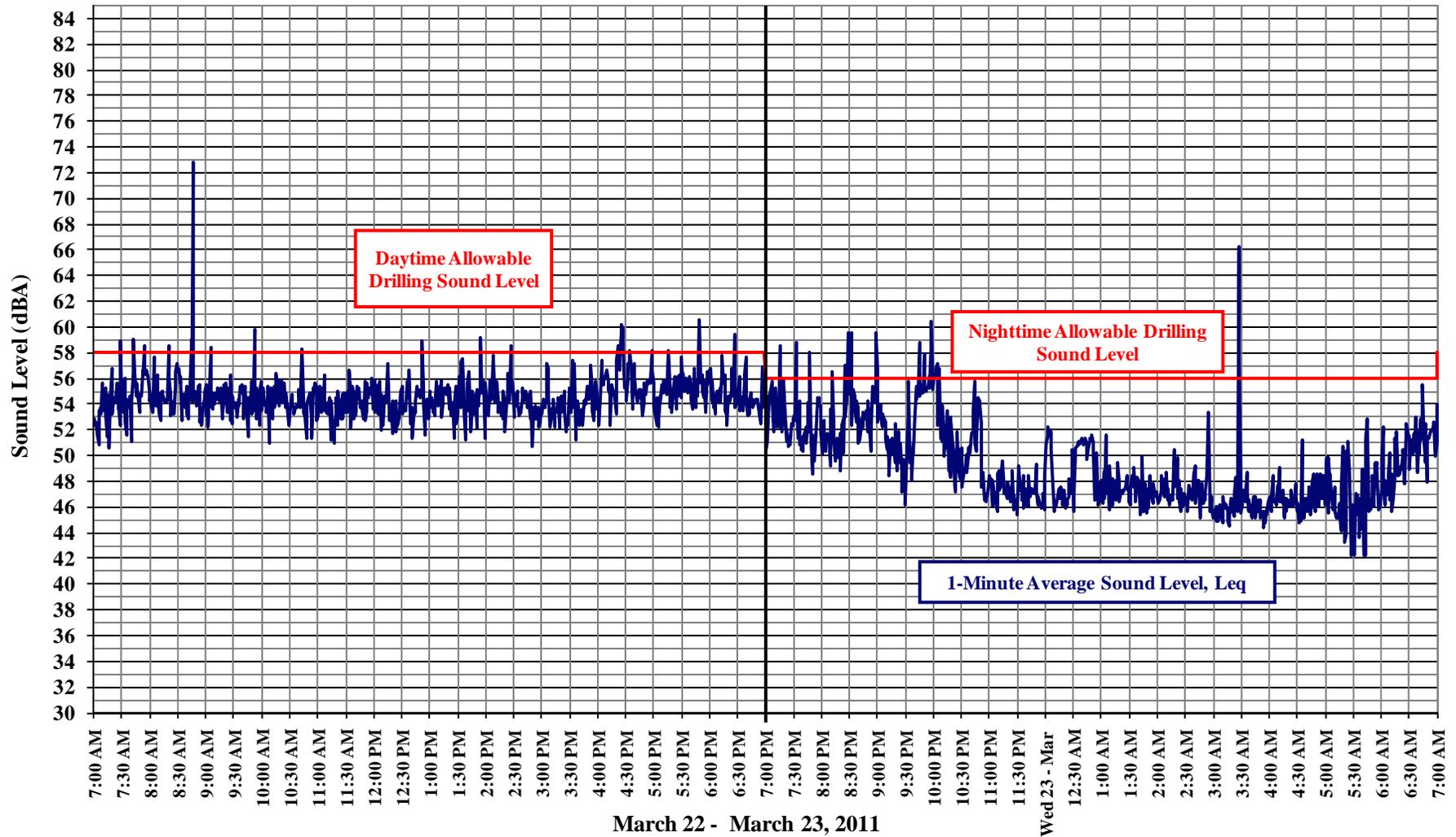


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



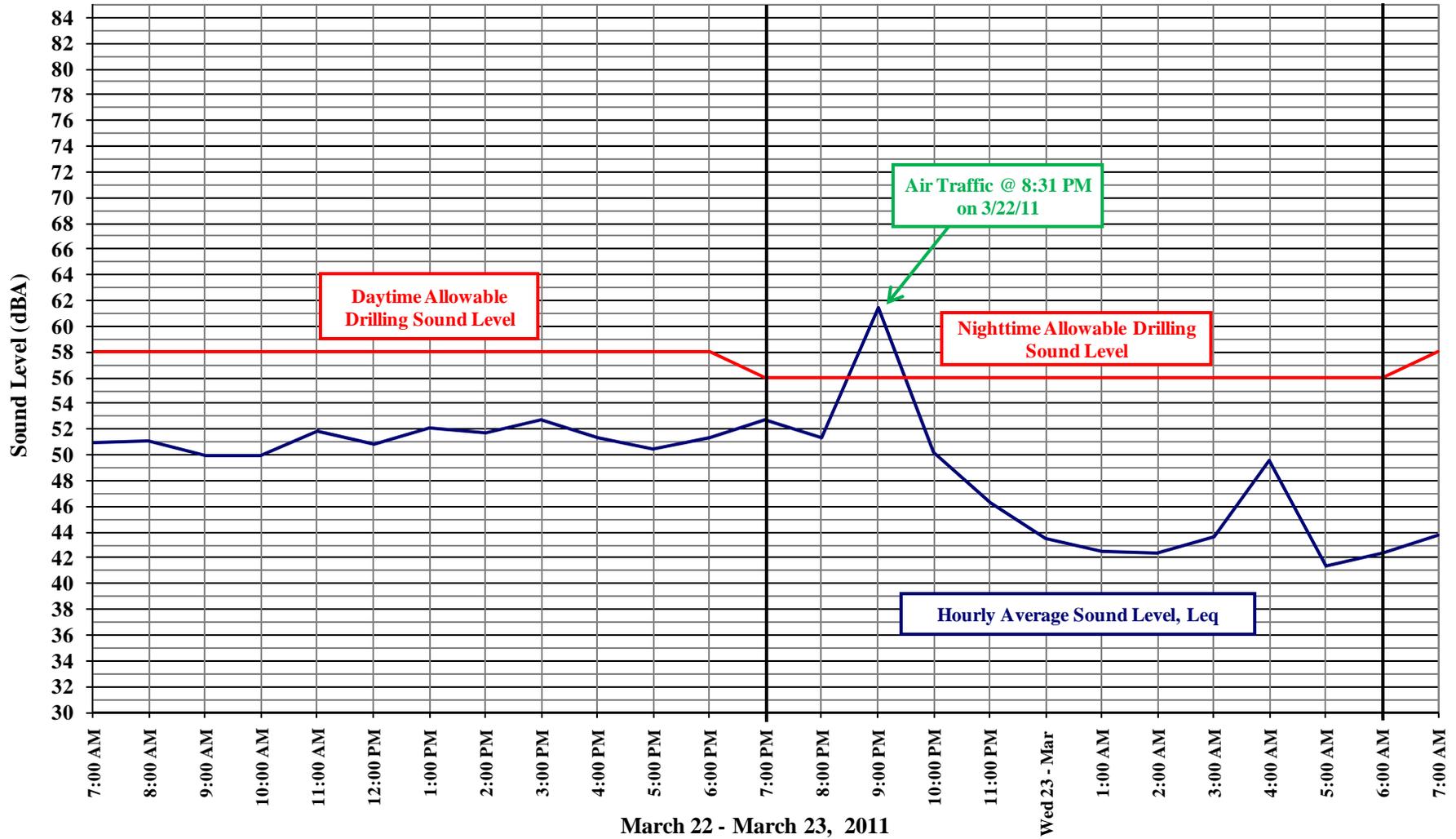


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring





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

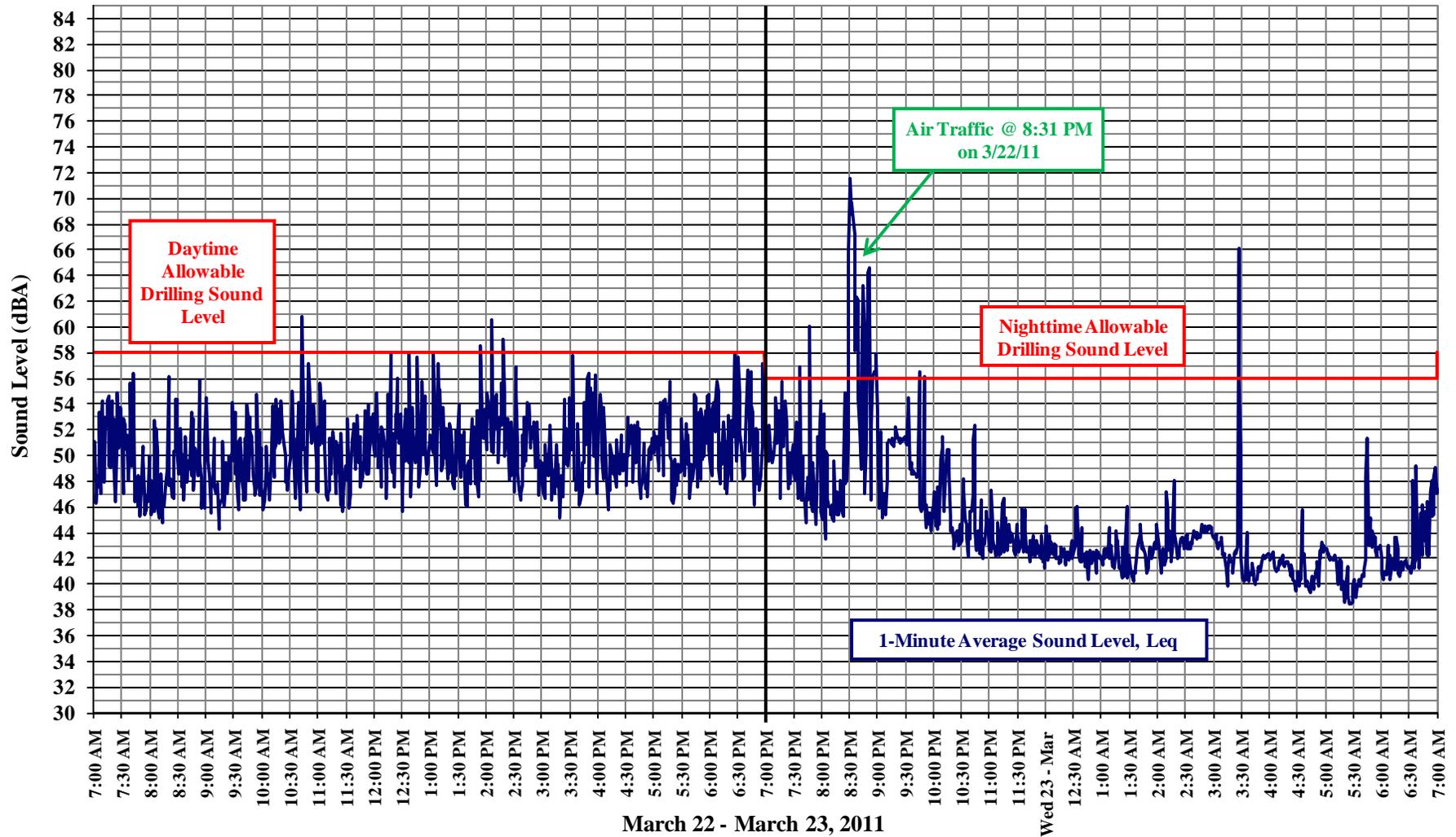


# Behrens and Associates, Inc.

Environmental Noise Control



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



# **Behrens and Associates, Inc.**

*Environmental Noise Control*



March 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 Wednesday, March 23, to Thursday, March 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.

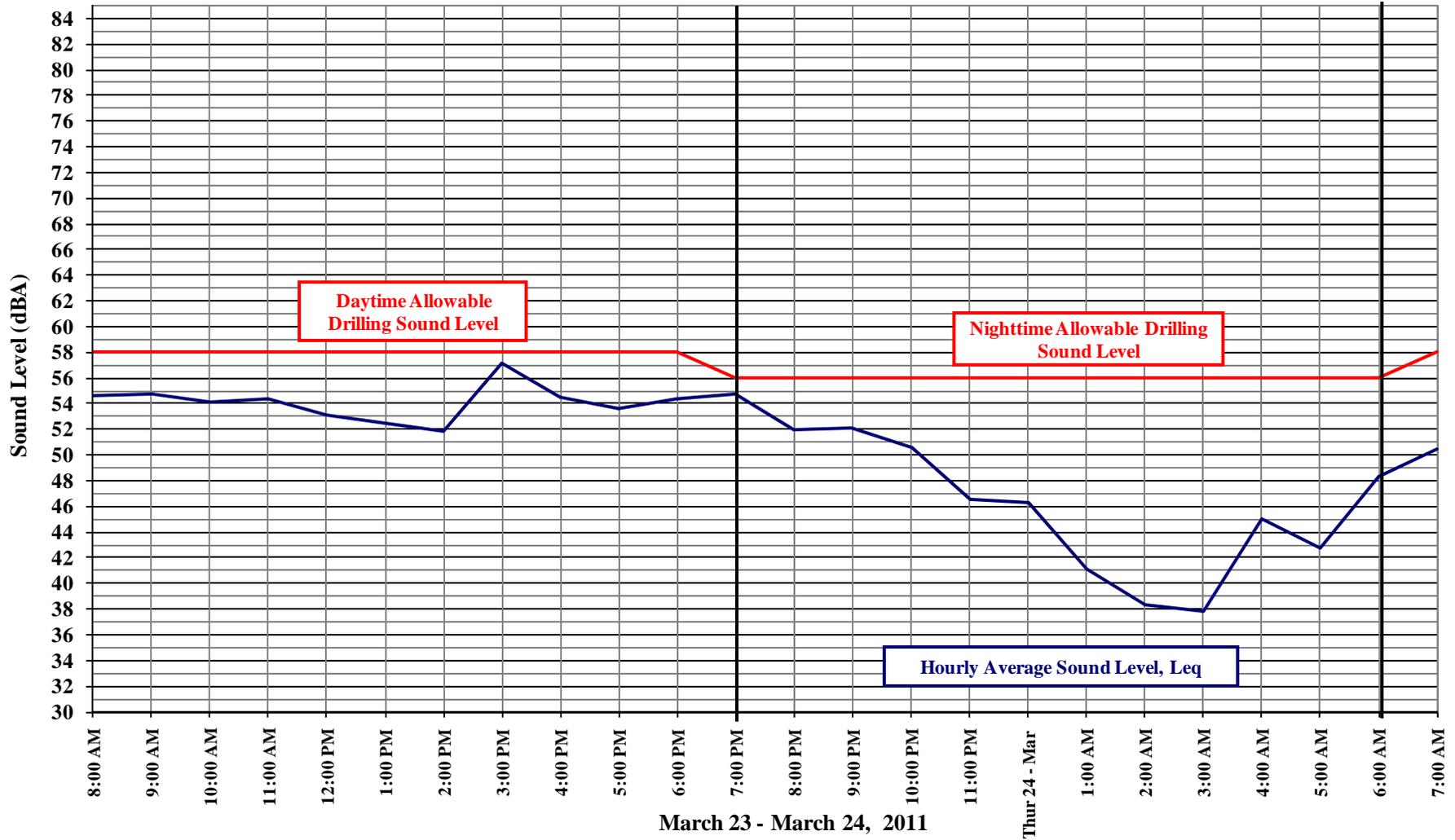
Very truly yours,

Don Behrens  
President  
95-4460624

Attachments

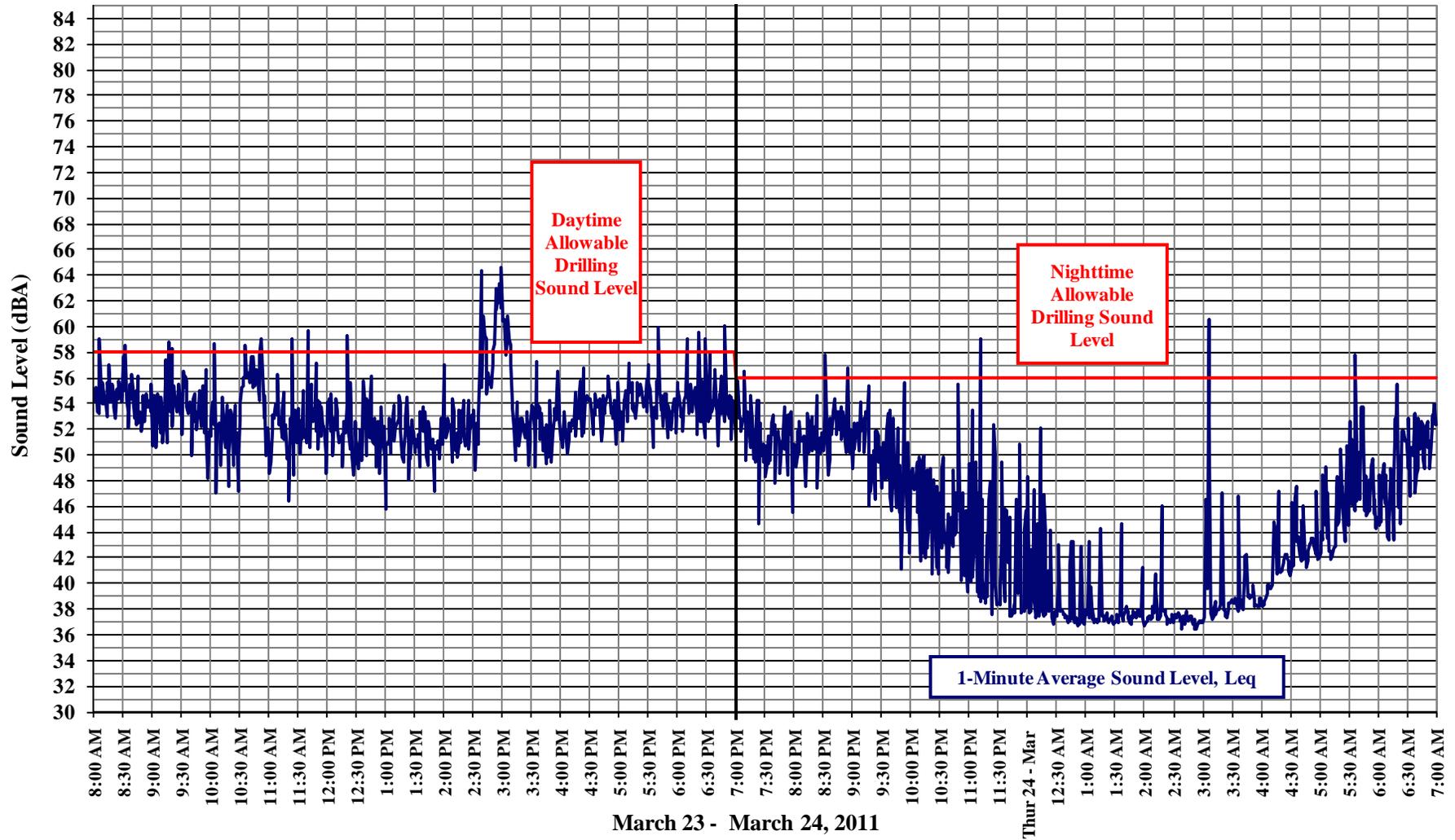


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



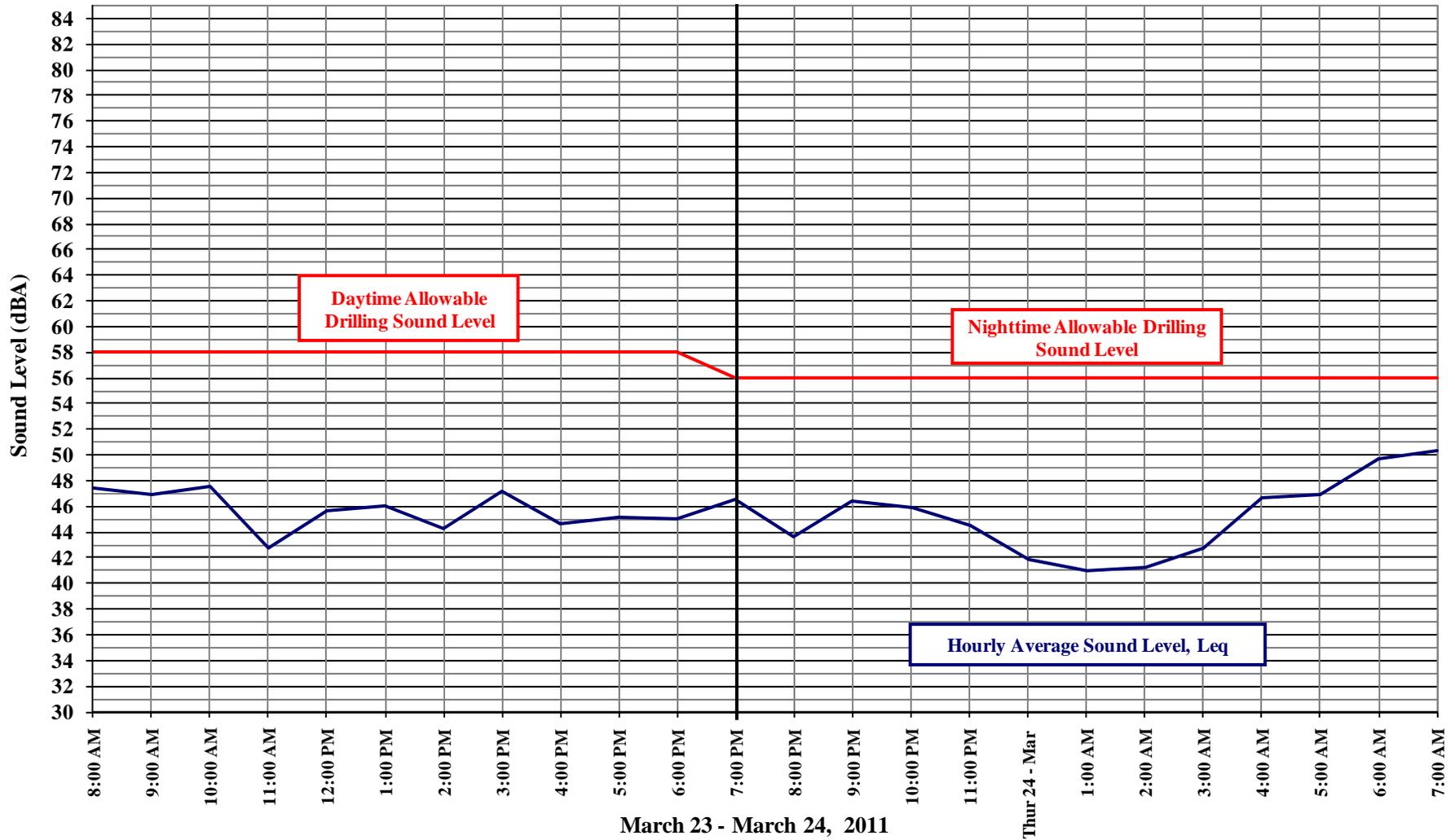


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring





## 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

