

## 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 30 – April 5, 2011

Inspector: Christopher Polidore  
Belcheff & Associates, Inc.

### General Comments:

Drilling is progressing. Once cementing of the “B” well is complete, the rig will skid over to drill the surface hole for well “C.”

Note: I have consolidated topics for this and future reports.

### Noise

A few complaints were received regarding various characteristic noise issues. In all cases, the sound monitors have been showing lower readings during this horizontal drilling phase. Many noise spikes during this time have peaked below the allowable 1-hour Leq continuous noise levels. Many of the significant noise spikes continue to be sources unrelated to the well site, birds, coyotes, and aircraft.

On 4/5/2011 a public safety officer was taking sound readings along Pleasant Run in response to a noise complaint.

There was an inadvertent use of the intercom system after-hours resulting in a noise complaint.

### Environmental

There was a small drilling mud spill near the vacuum unit, primarily onto the plastic liner. Cleanup requirement was minimal.

### Security/Safety

Residents continue to attempt access to the site which is on private property. No trespassing signs have been posted at the entrance.

A truck driver unfamiliar with the site, missed the turn into the entrance in heavy traffic and decided to continue past the site to avoid an accident by abruptly

stopping. The driver had to turn around. This incident resulted in a complaint which was addressed at the time of the incident.

#### Compliance/Documentation/Reporting

Notification of incidents and surface casing cementing has been in compliance.

There was an inadvertent use of the intercom system. The issue was addressed on-site immediately after the occurrence.

#### Site Conditions

After significant rain, site inspection on 4/4 showed minimal erosion impact from the rain. There was no runoff from inside the pad site, credited to the containment system design. The resulting standing water inside the site was vacuumed and carried away for disposal. There was no evidence of heavy rain in the front of the site, most likely due to the completed landscaping. The walls of the frac pond showed minimal erosion and landscaping berms on the south side of the site, as part of the landscaping design, retained rainwater as designed.

Landscaping in the front of site has been in place and the irrigation system has been functional.

There is more work area on the pad site due to the removal of unnecessary equipment.

On one occasion the water meter to the site was turned off. I have no further information on the reason or specifics of this incident.

# **Behrens and Associates, Inc.**

*Environmental Noise Control*



March 29, 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 28, to Tuesday, March 29, 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.

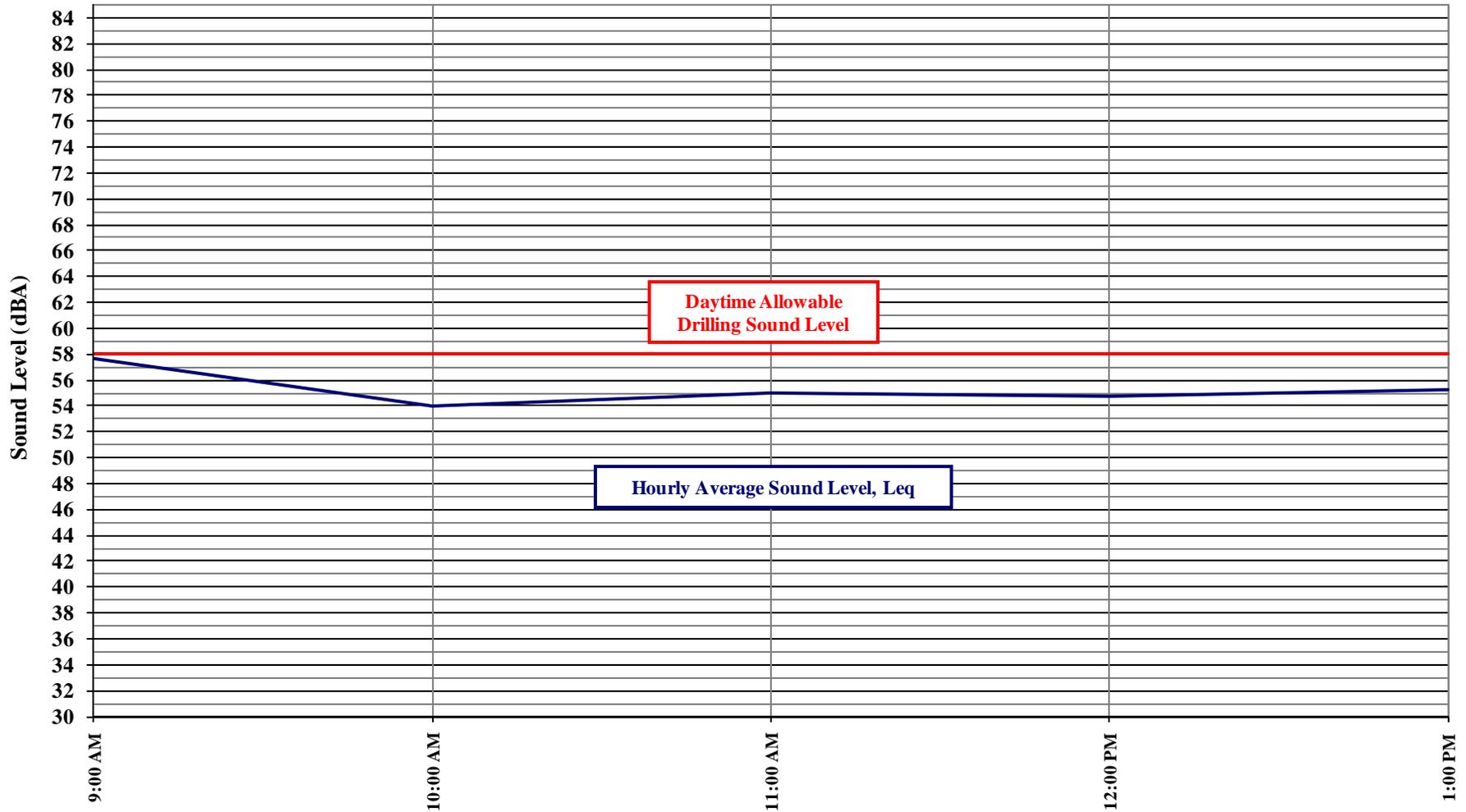
Very truly yours,

Don Behrens  
President  
95-4460624

Attachments



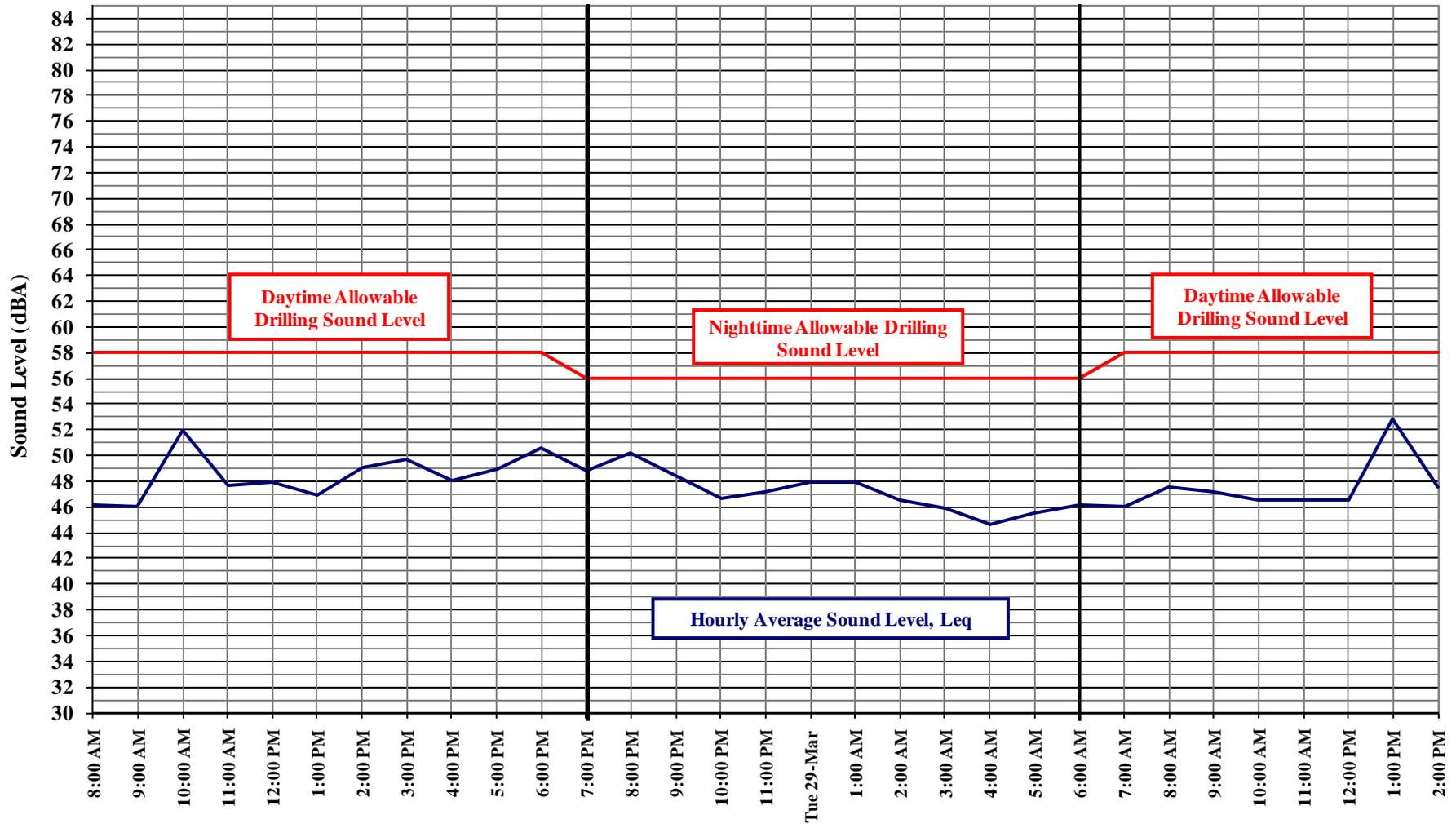
**Titan Operating**  
**TCC 1H Drill Site - Monitoring Location #1**  
**Continuous Sound Level Monitoring**



March 29, 2011



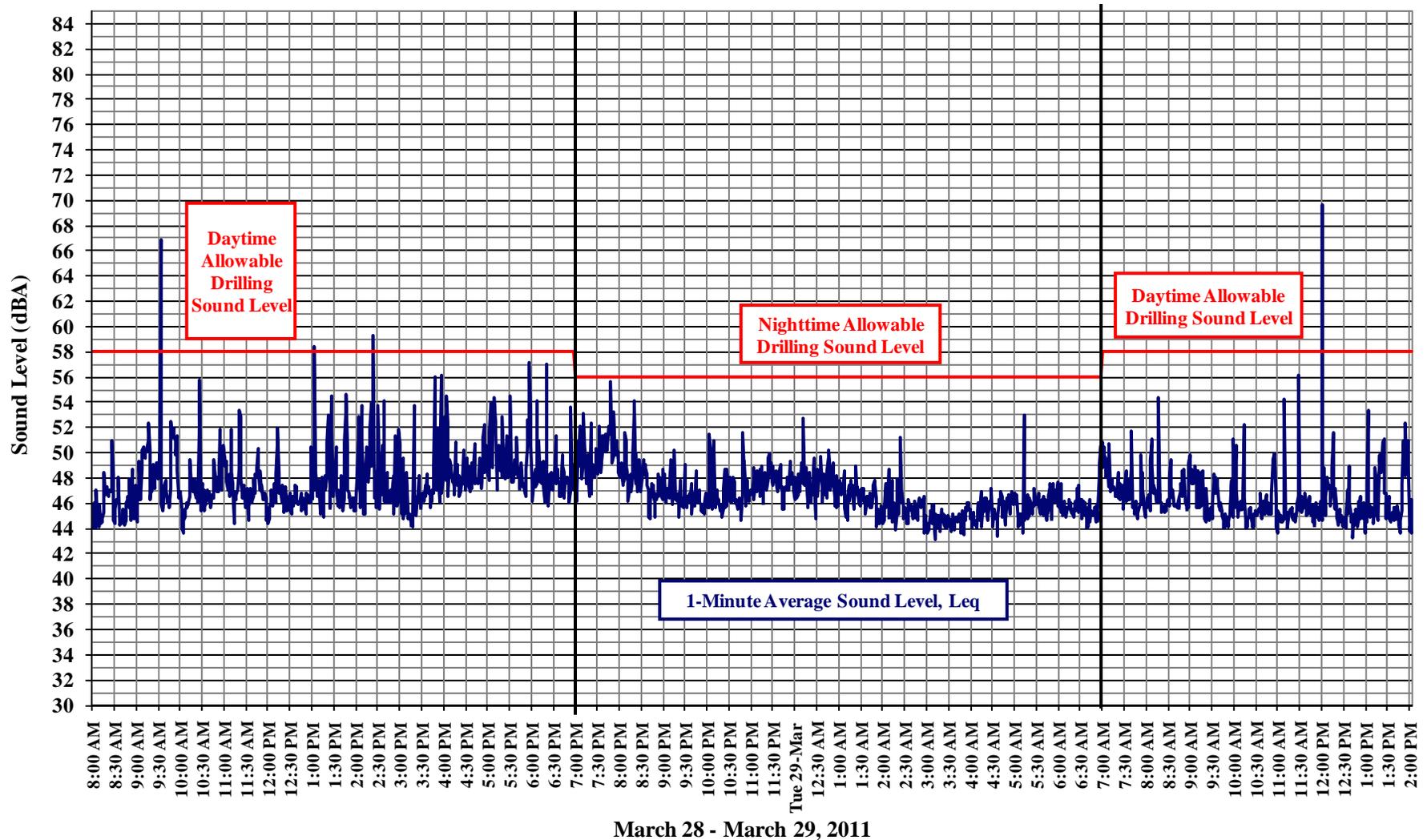
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



March 28 - March 29, 2011



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



# **Behrens and Associates, Inc.**

*Environmental Noise Control*



March 31, 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 30, to Thursday, March 31, 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.

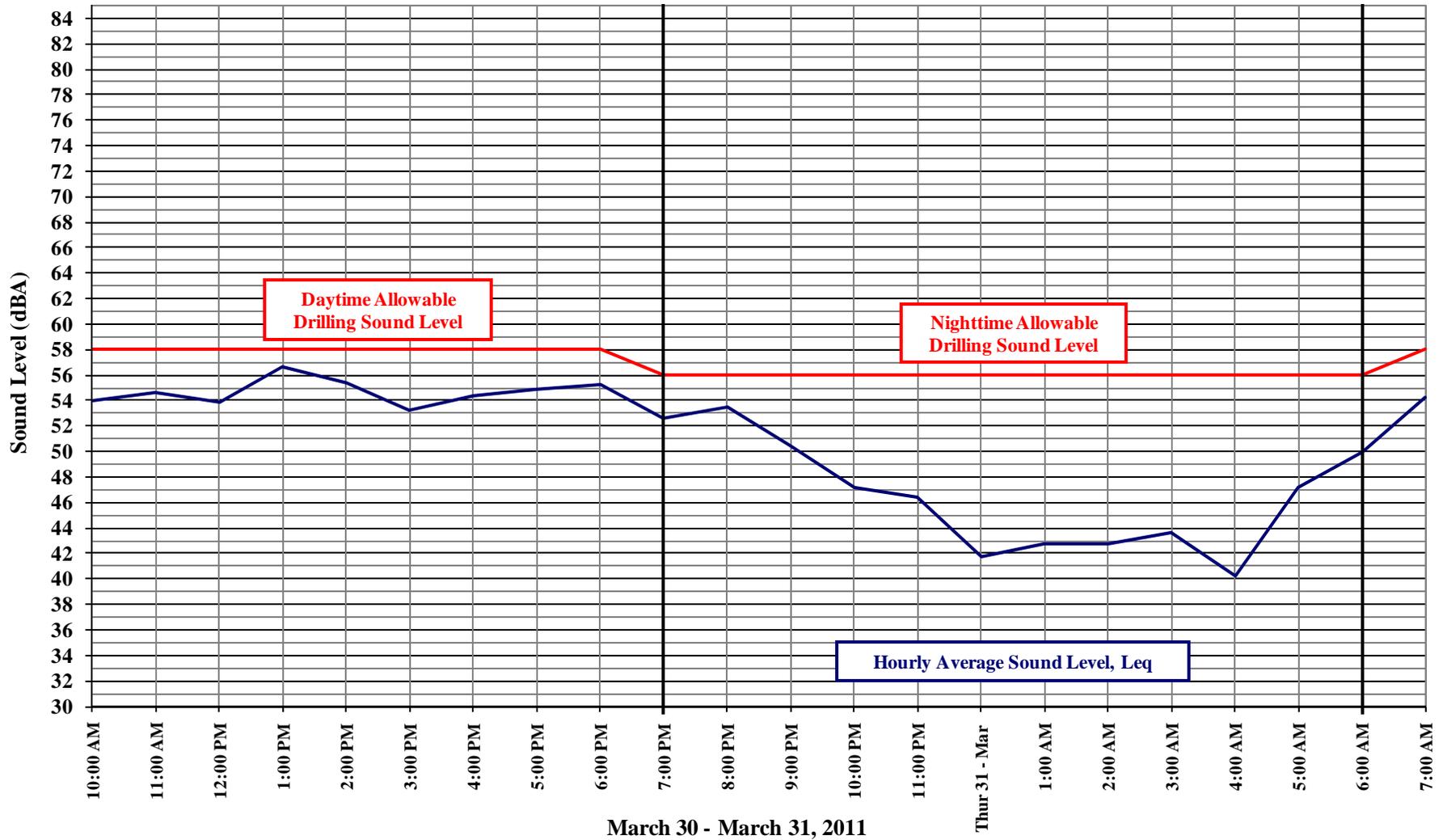
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President  
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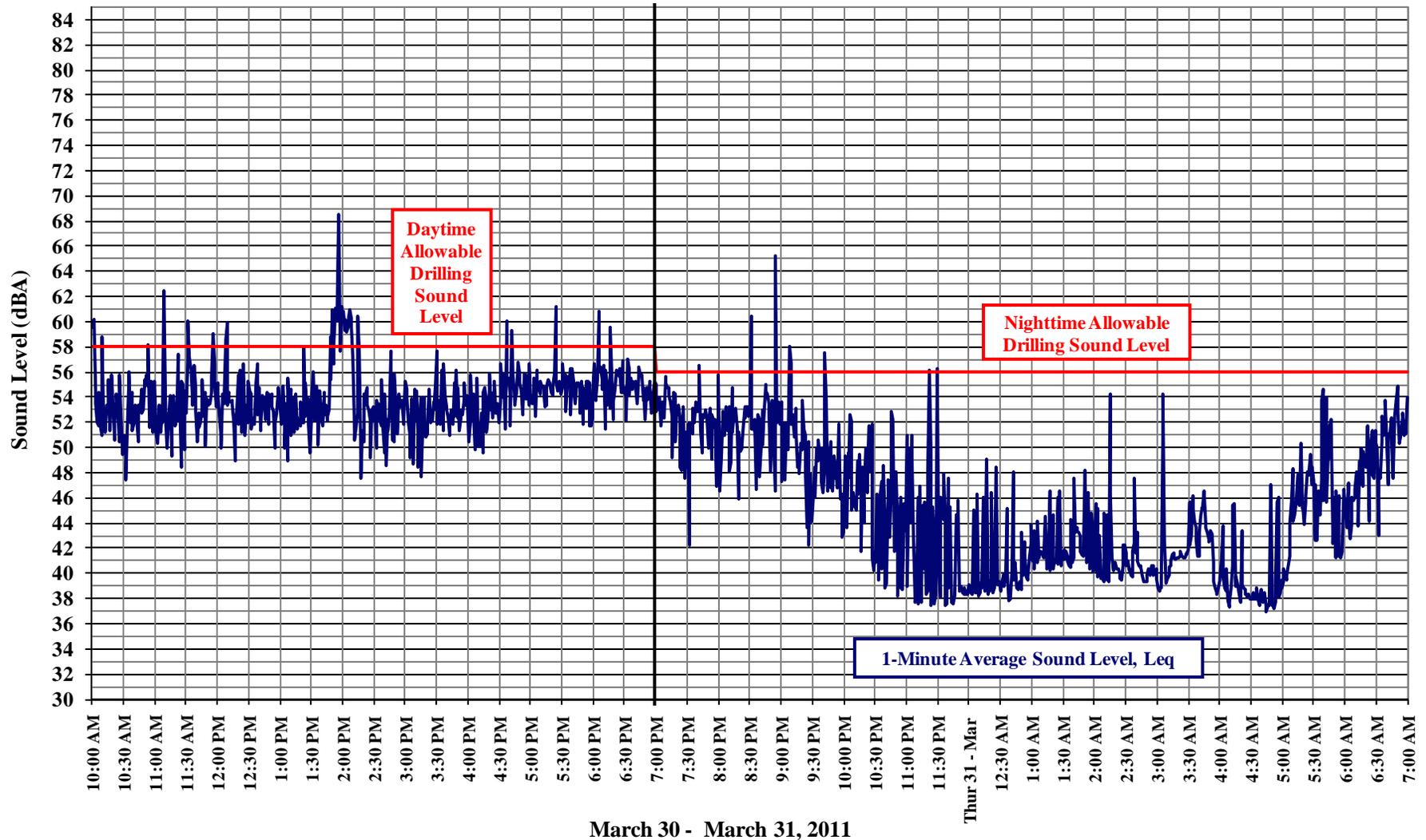


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



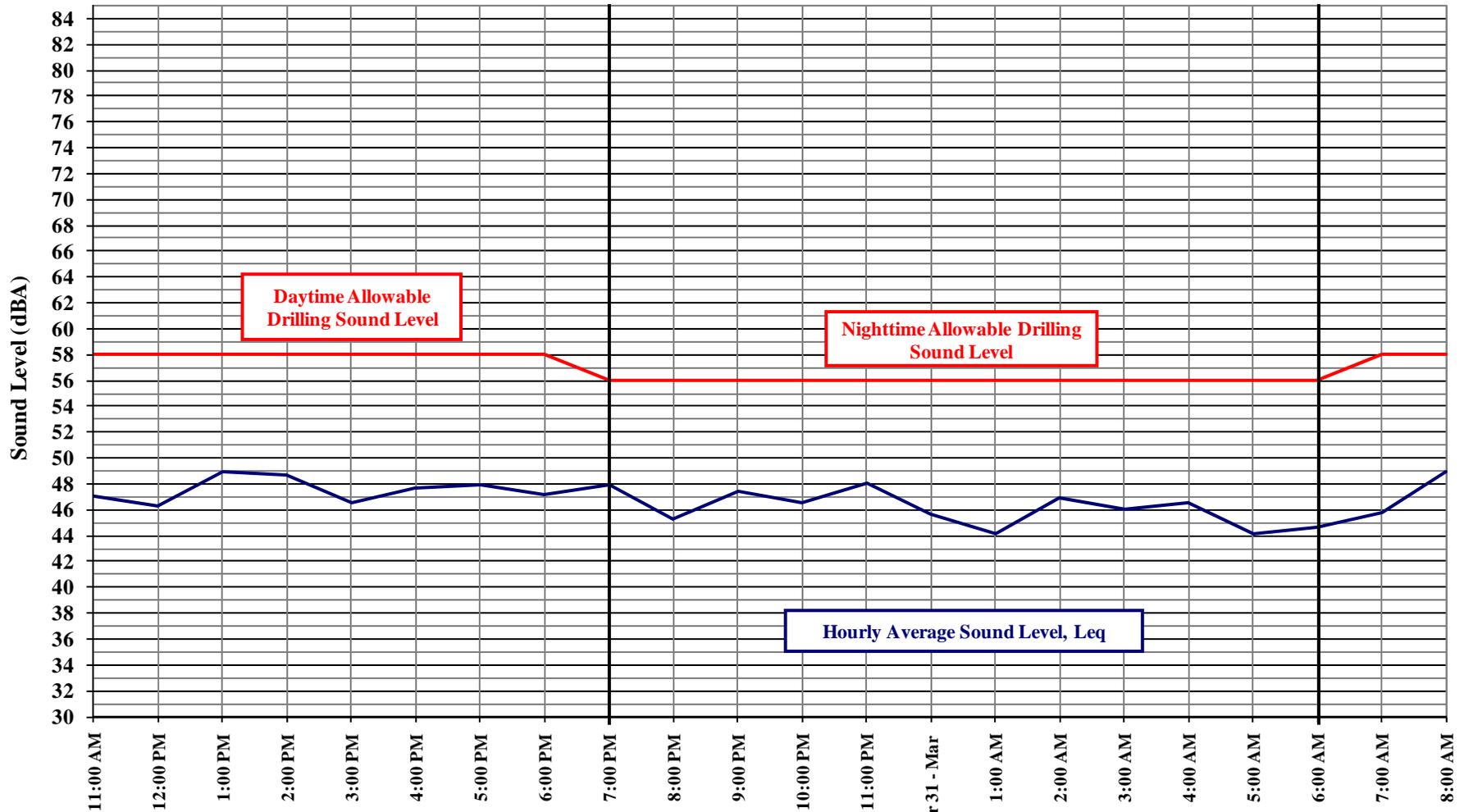


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring





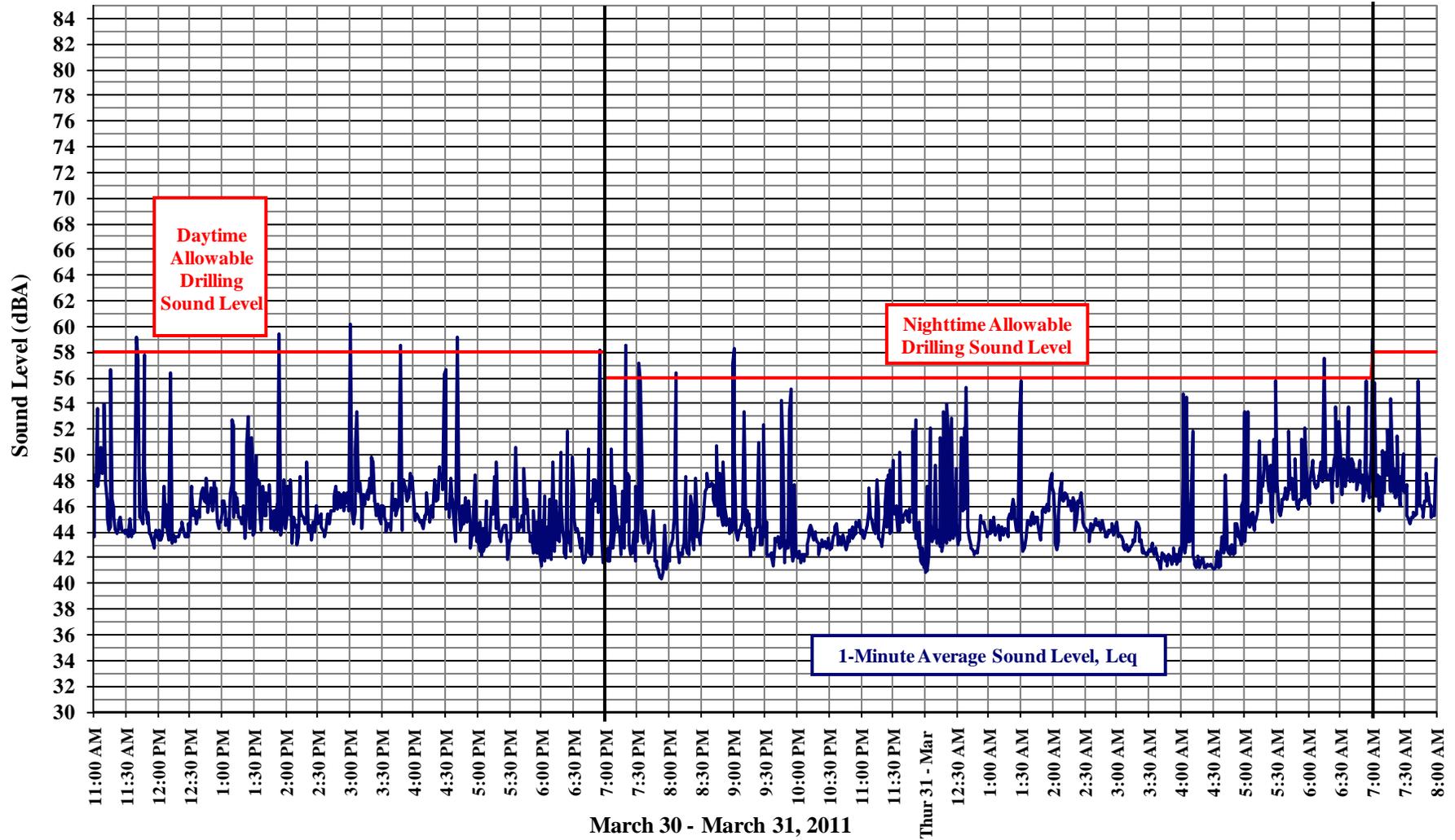
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



March 30 - March 31, 2011



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



# **Behrens and Associates, Inc.**

*Environmental Noise Control*



April 1, 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 31, to Friday, April 1, 2011. The charts display the measured hourly average sound levels and the 1-minute average (Leq) sound levels at Monitoring Location #2, (west of drill site).

Please contact me if you have any questions or comments.

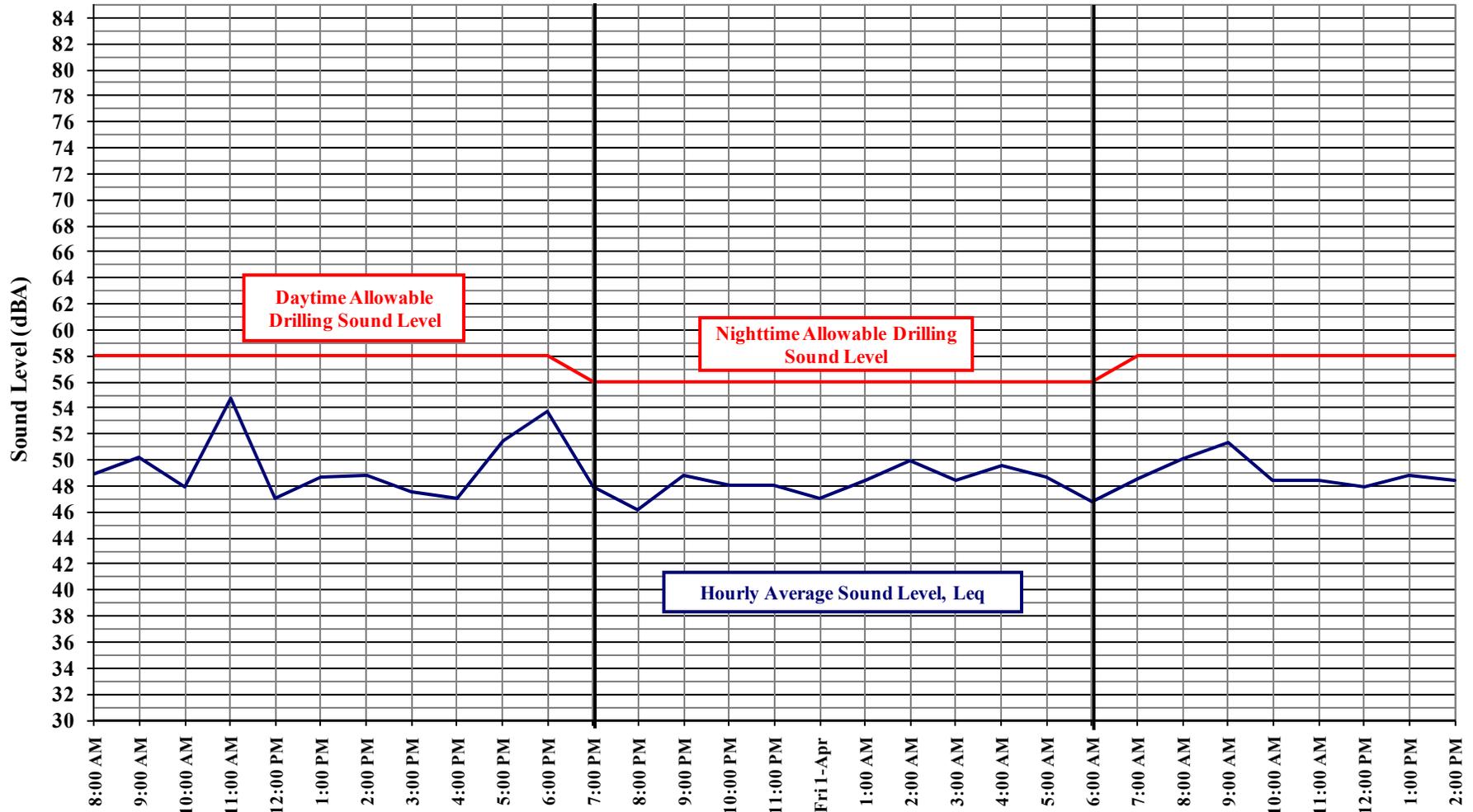
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President  
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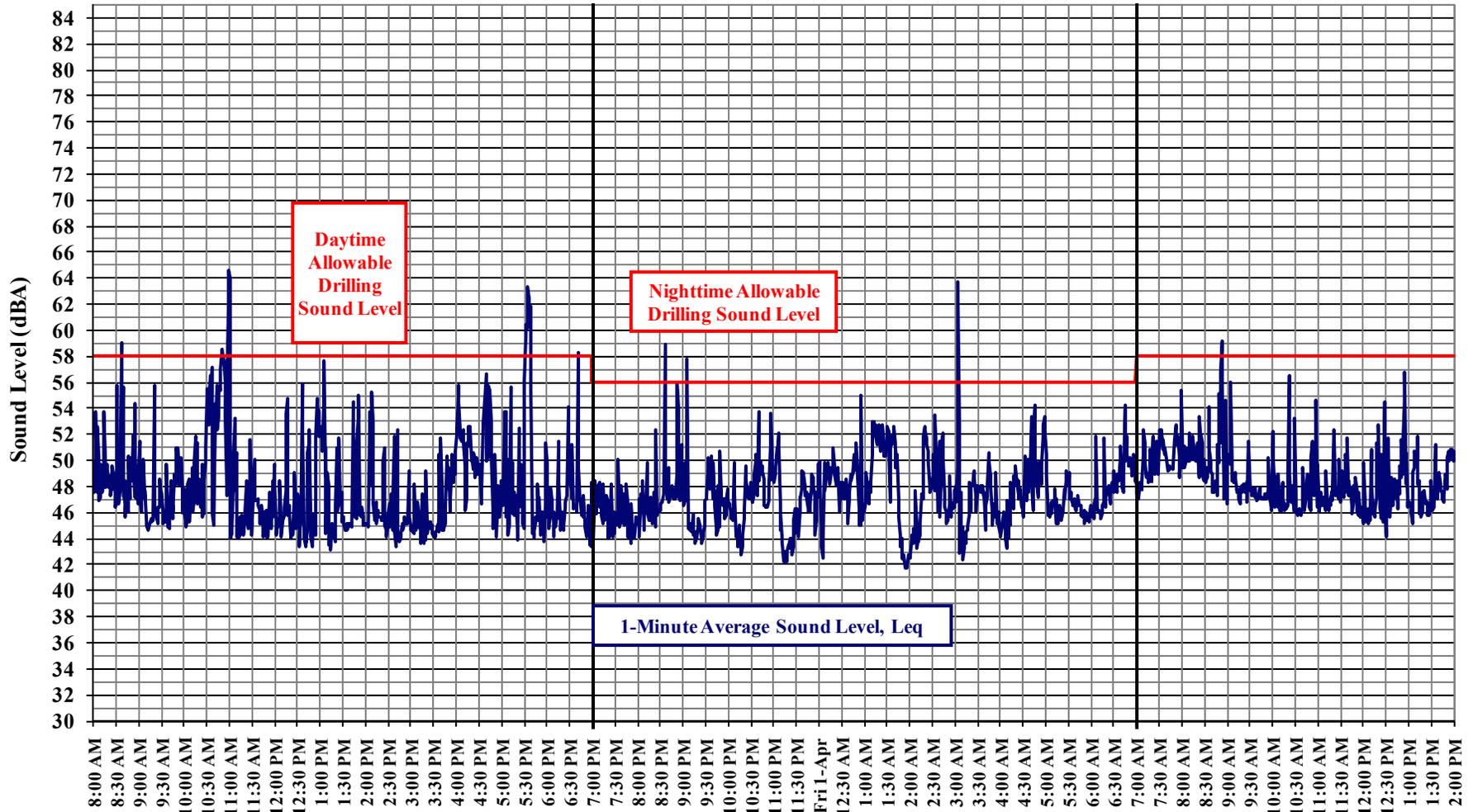
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



March 31 - April 1, 2011



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



March 31 - April 1, 2011

# **Behrens and Associates, Inc.**

*Environmental Noise Control*



April 2, 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, April 1, to Saturday, April 2, 2011. The charts display the measured hourly average sound levels and the 1-minute average (Leq) sound levels at Monitoring Location #2, (west of drill site).

Please contact me if you have any questions or comments.

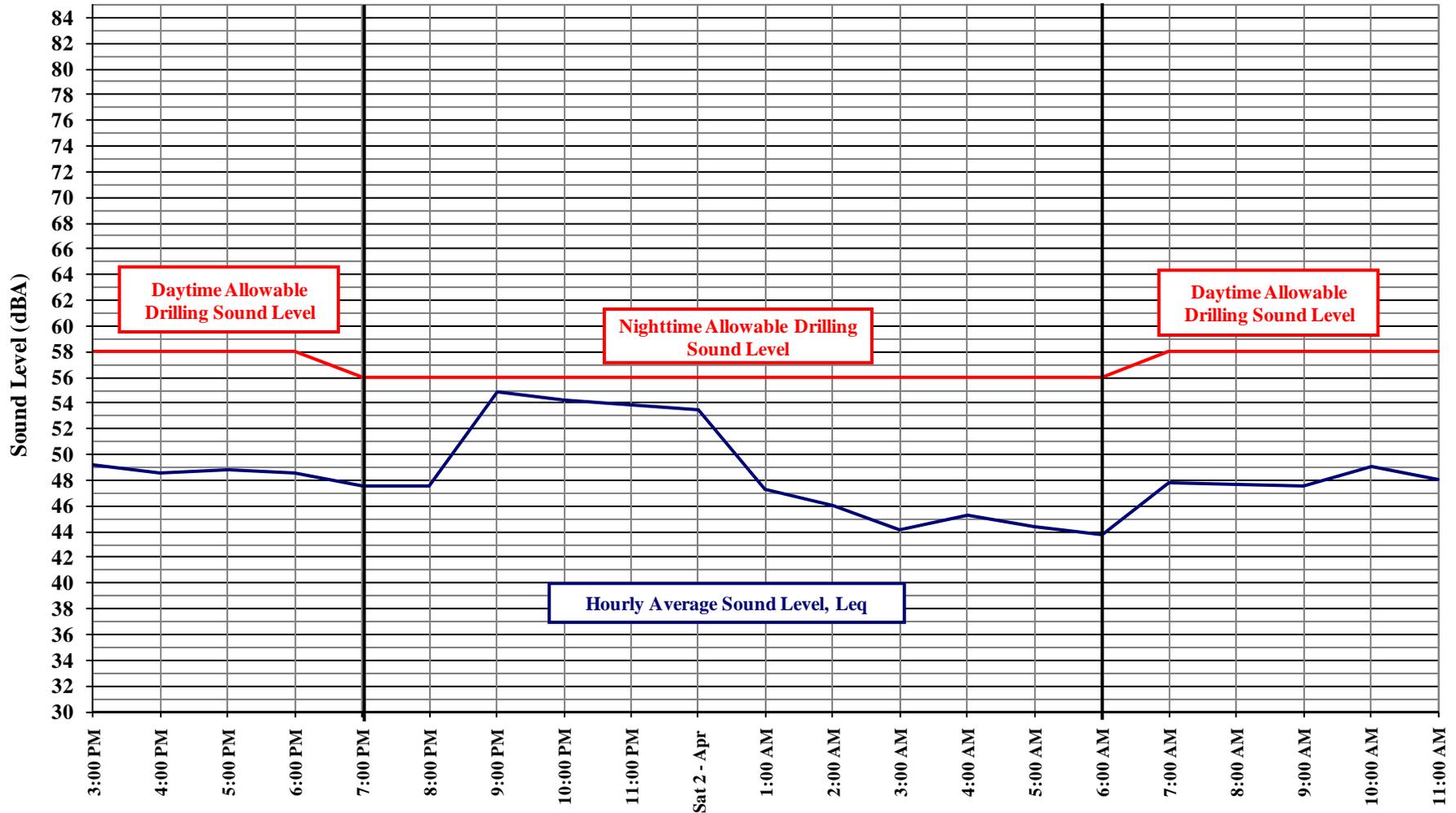
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President  
95-4460624

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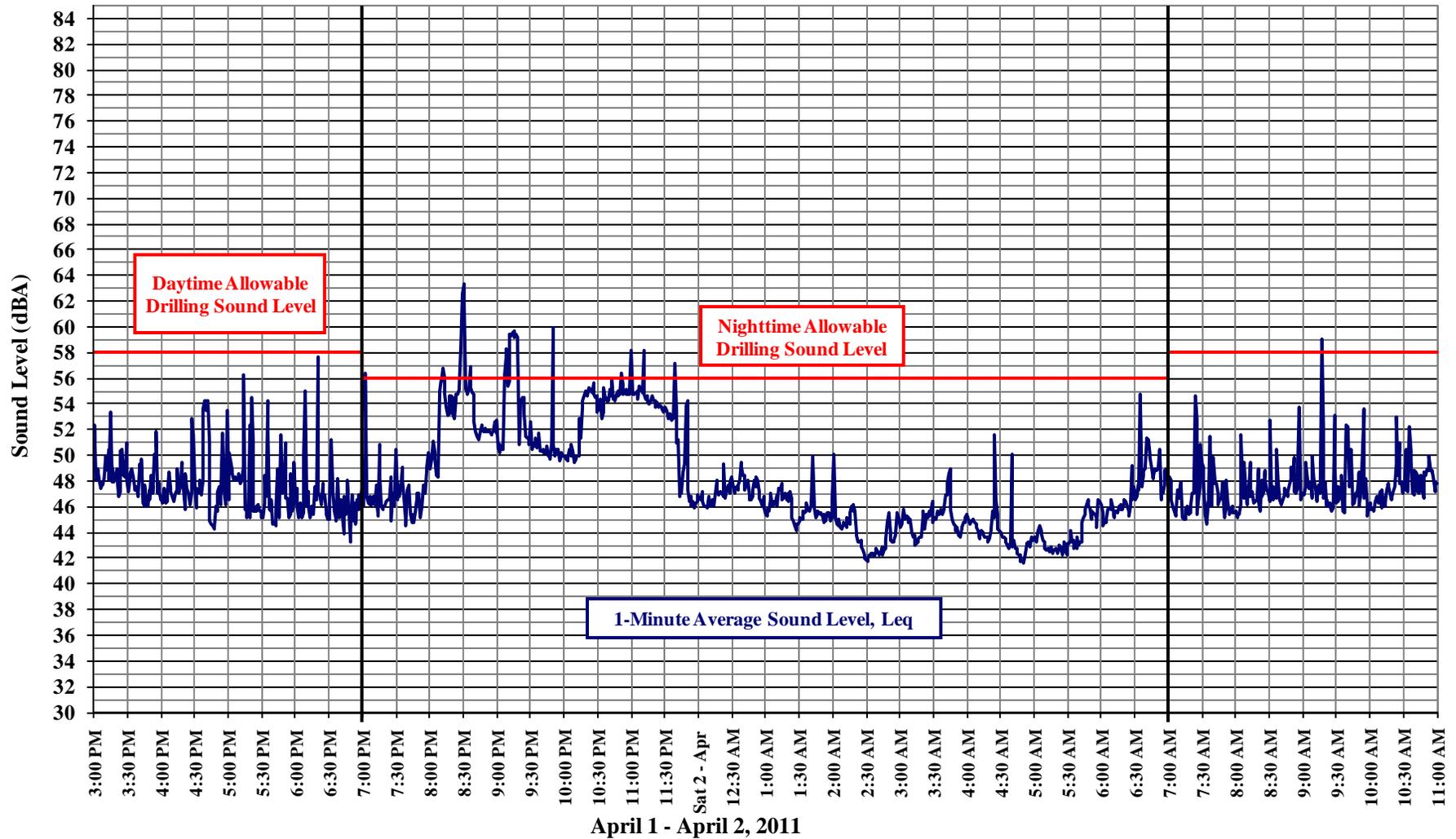
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



April 1 - April 2, 2011



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



# **Behrens and Associates, Inc.**

*Environmental Noise Control*



April 3, 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, April 2, to Sunday, April 3, 2011. The charts display the measured hourly average sound levels and the 1-minute average (Leq) sound levels at Monitoring Location #2, (west of drill site).

Please contact me if you have any questions or comments.

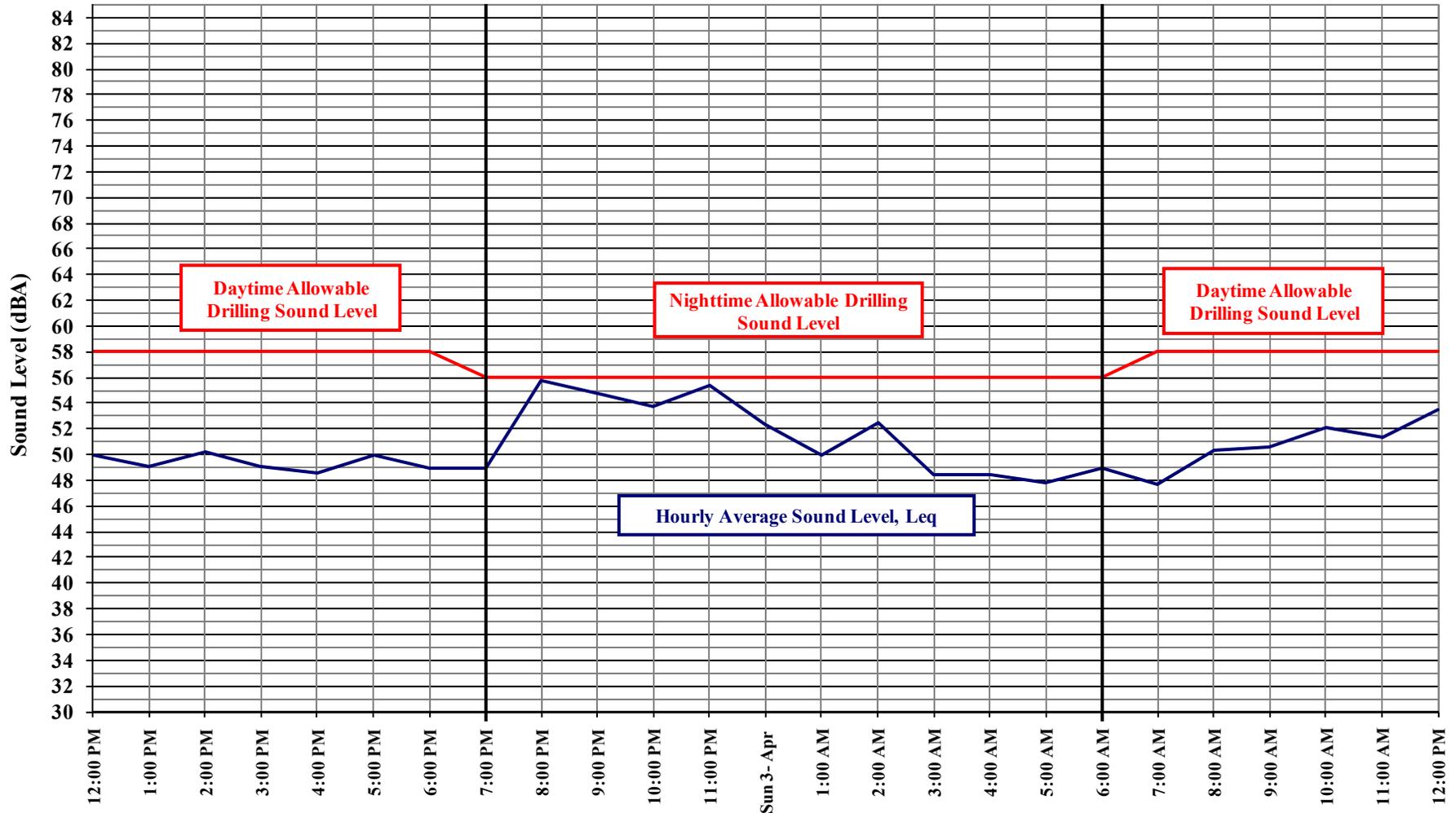
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President  
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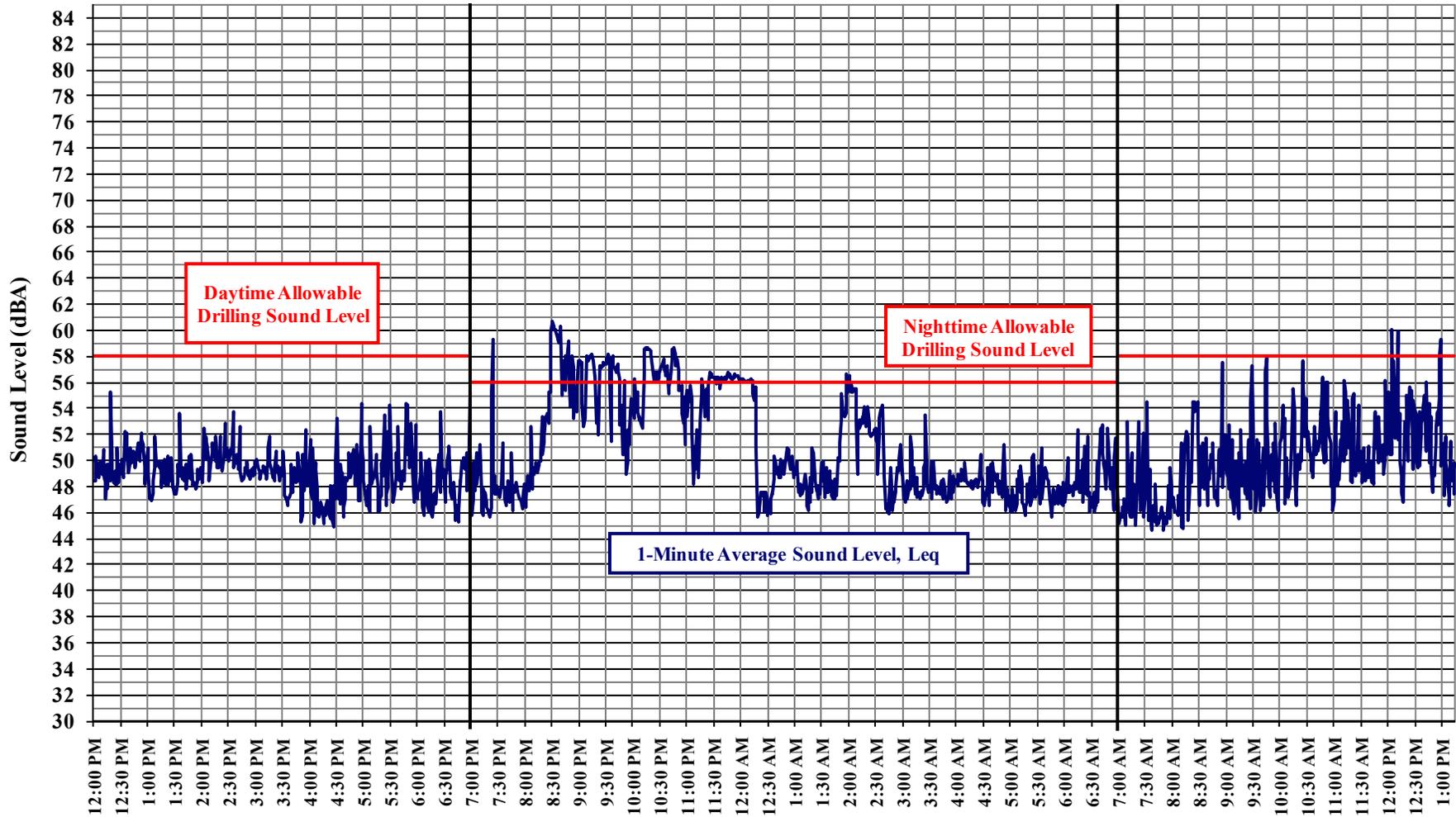
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



April 2 - April 3, 2011



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



April 2 - April 3, 2011

# **Behrens and Associates, Inc.**

*Environmental Noise Control*



April 4, 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, April 3, to Monday, April 4, 2011. The charts display the measured hourly average sound levels and the 1-minute average (Leq) sound levels at 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 report. Review of an audio recording made during the monitoring period revealed off-site noise from high winds and thunderstorms 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.

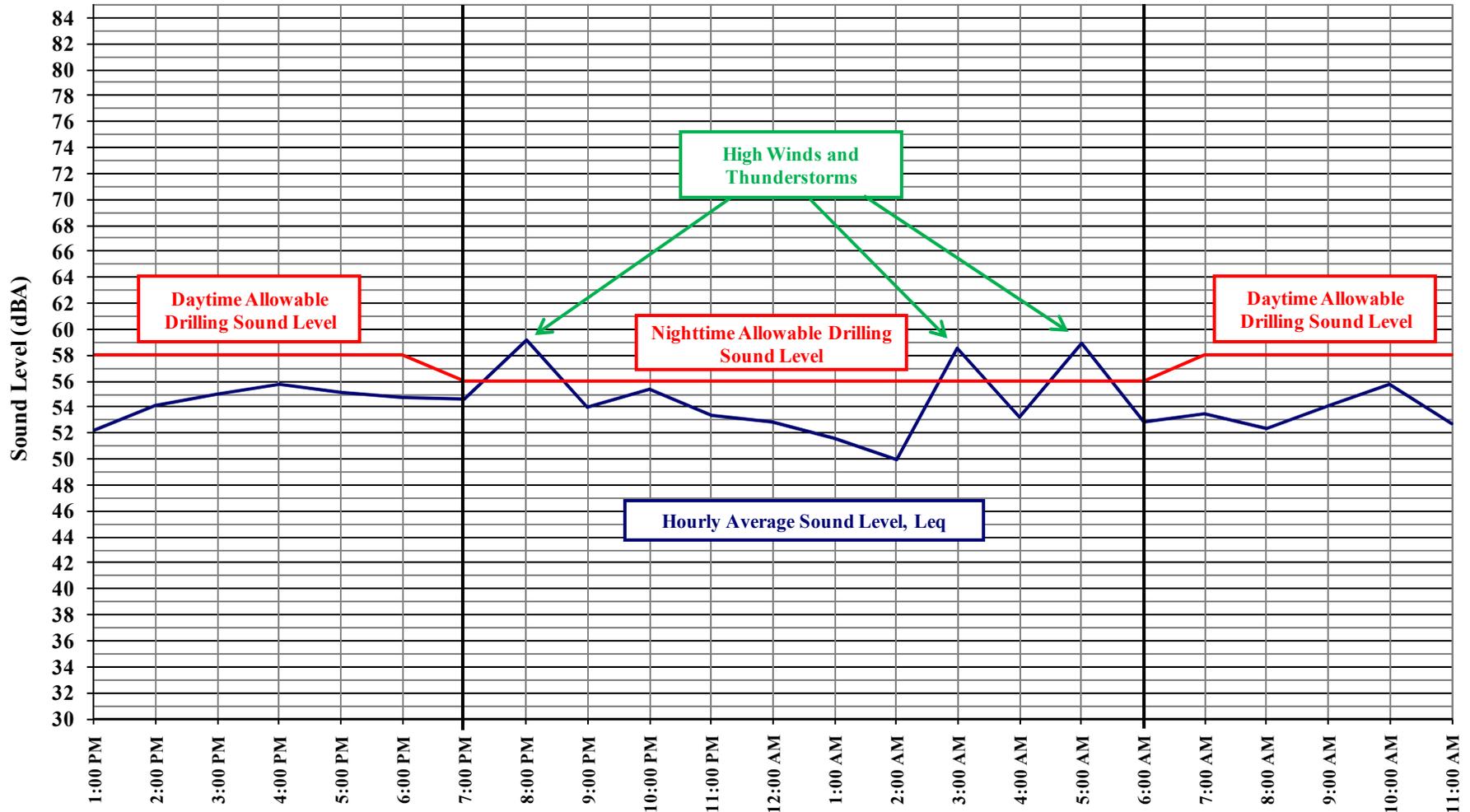
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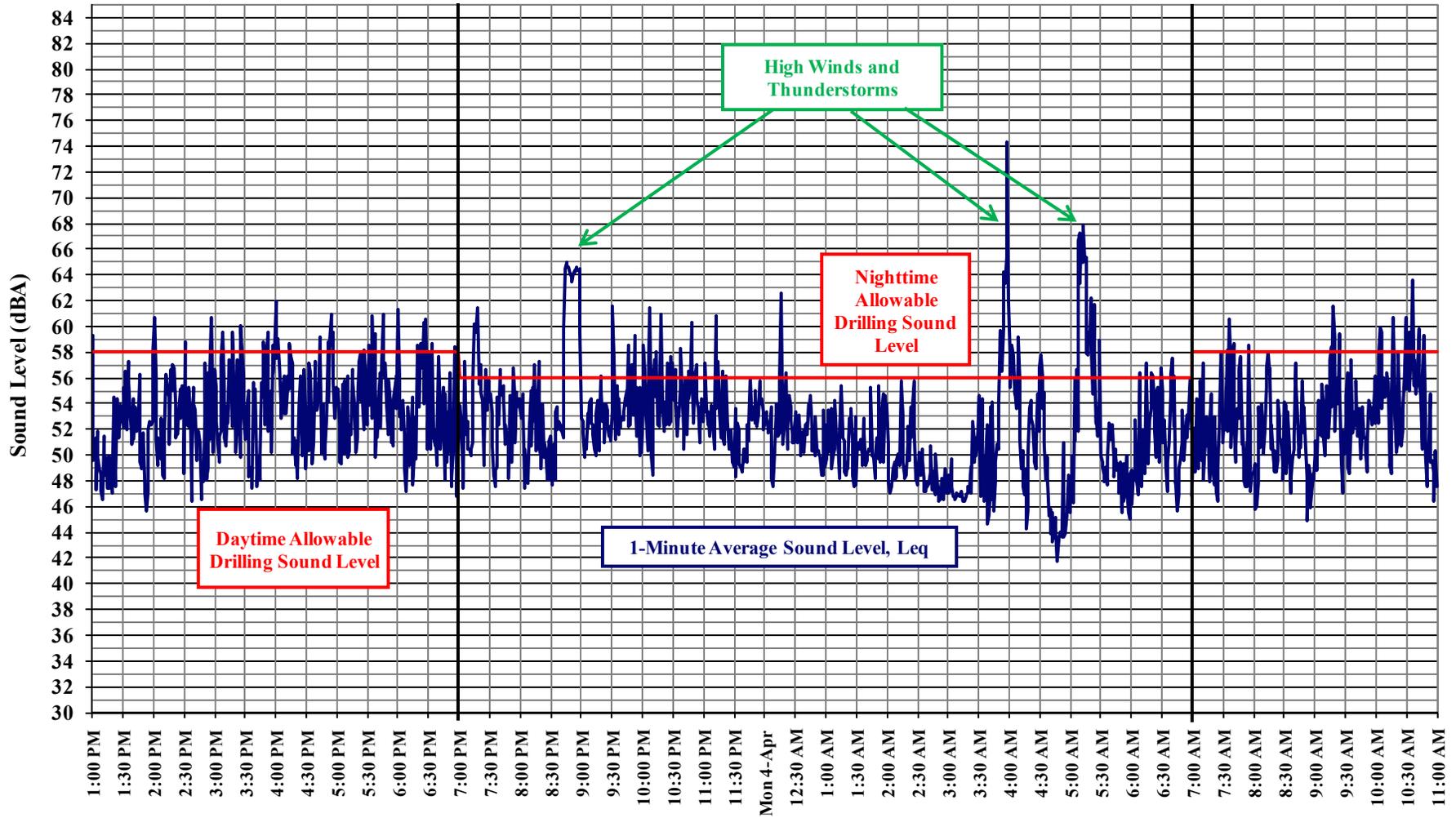
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



April 3 - April 4, 2011



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



April 3 - April 4, 2011

# **Behrens and Associates, Inc.**

*Environmental Noise Control*



April 5, 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, April 4, to Tuesday, April 5, 2011. The charts display the measured hourly average sound levels and the 1-minute average (Leq) sound levels at Monitoring Location #2, (west of drill site).

Please contact me if you have any questions or comments.

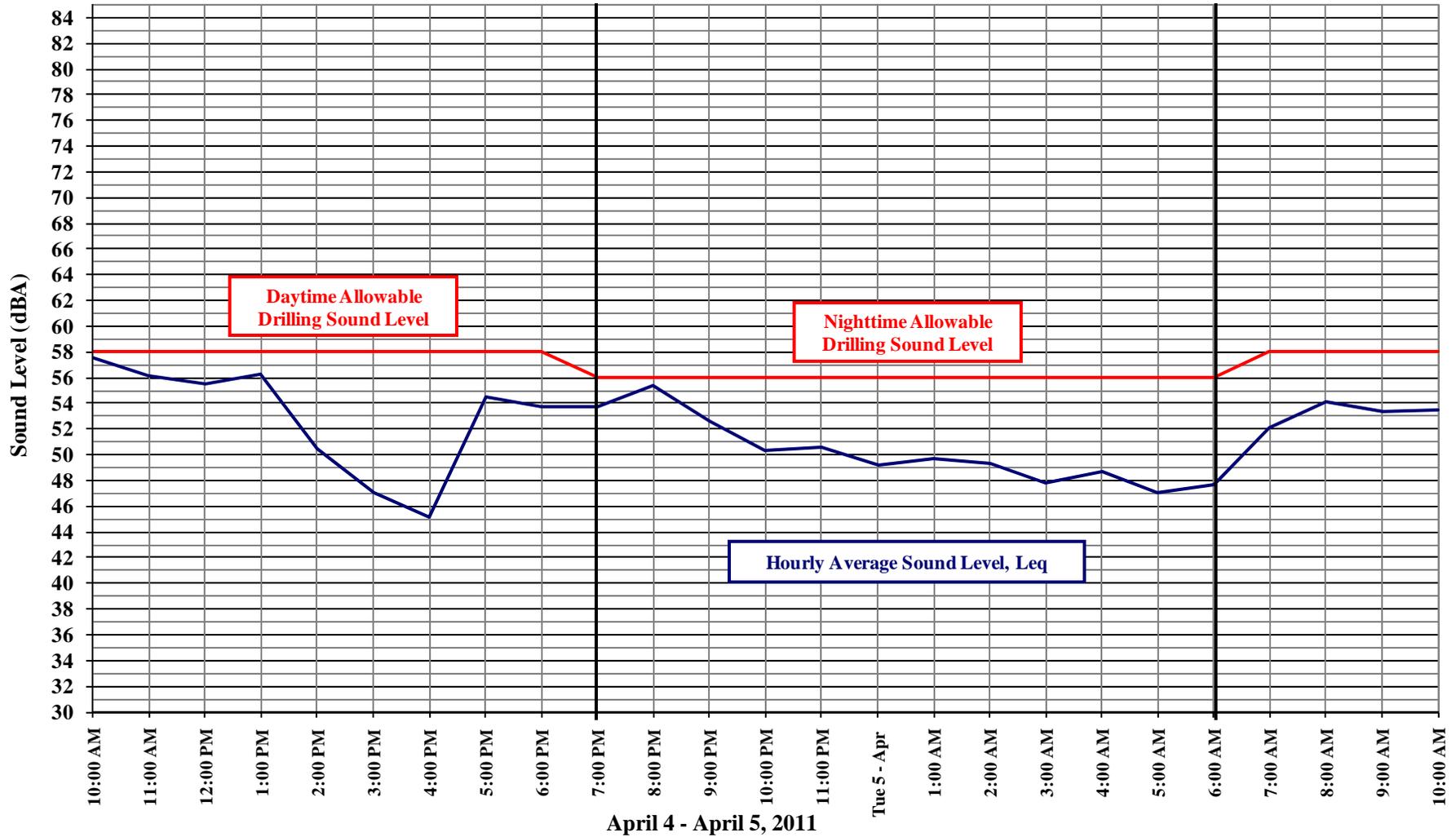
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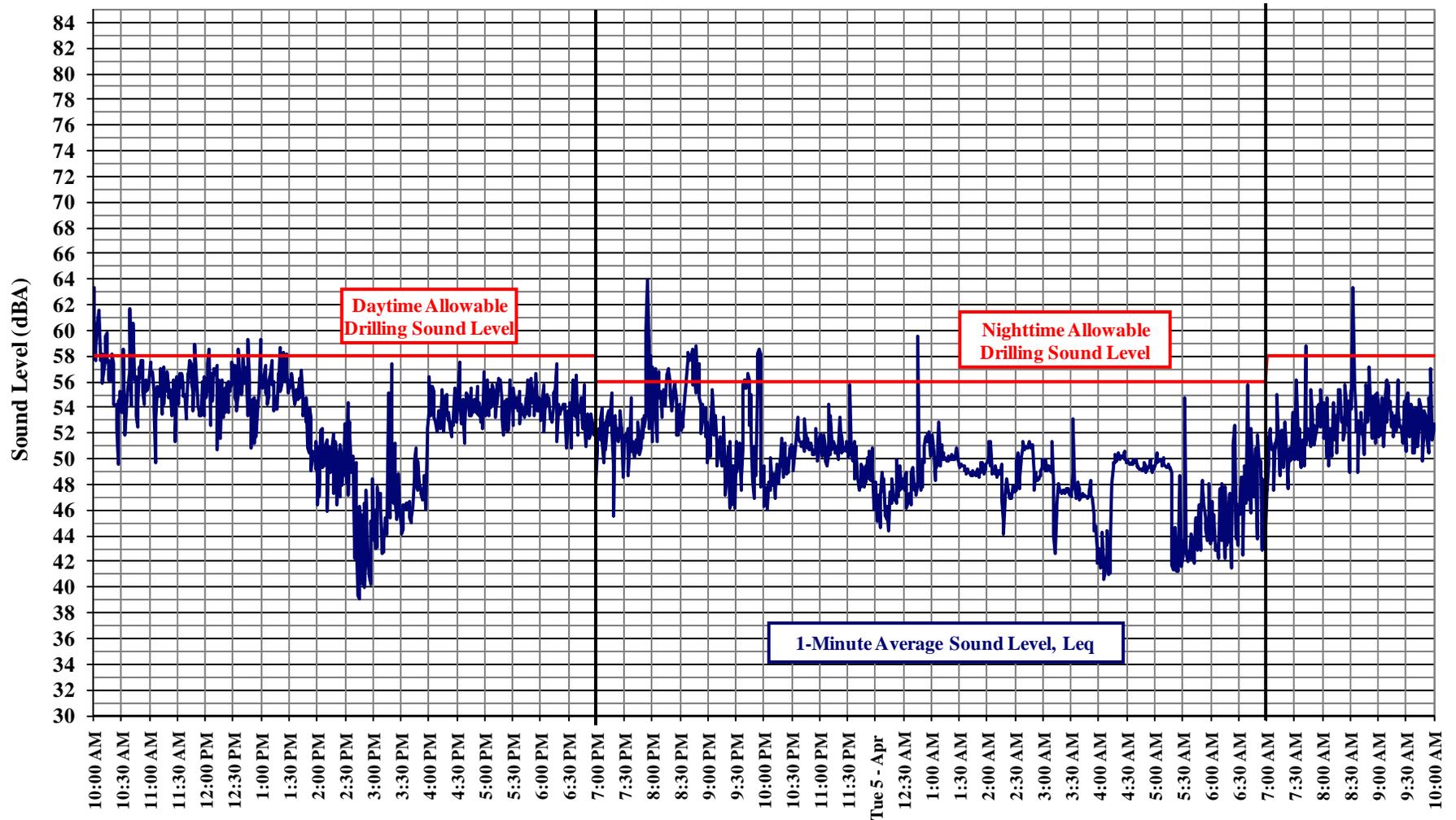


## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring





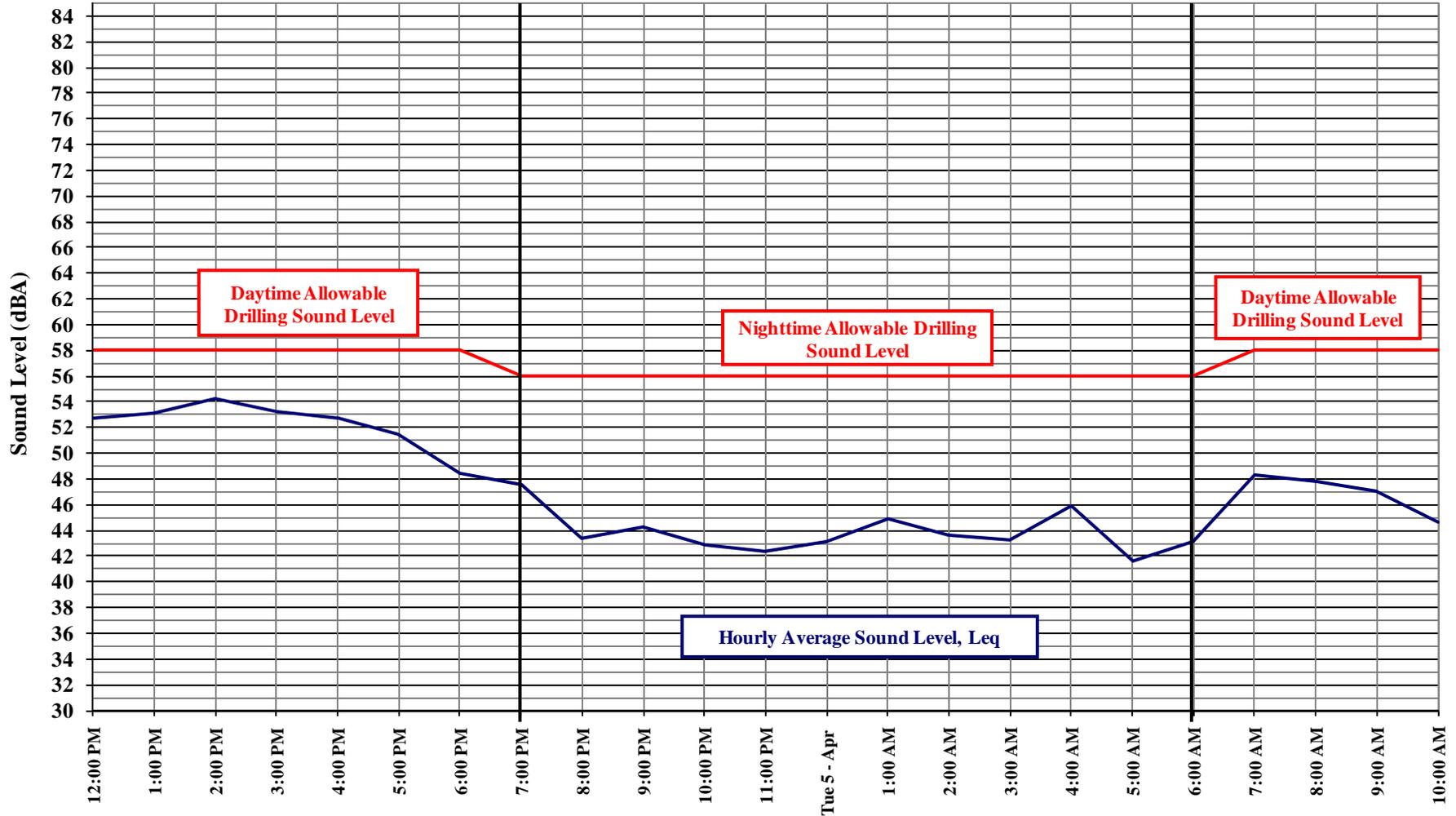
## Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



April 4 - April 5, 2011



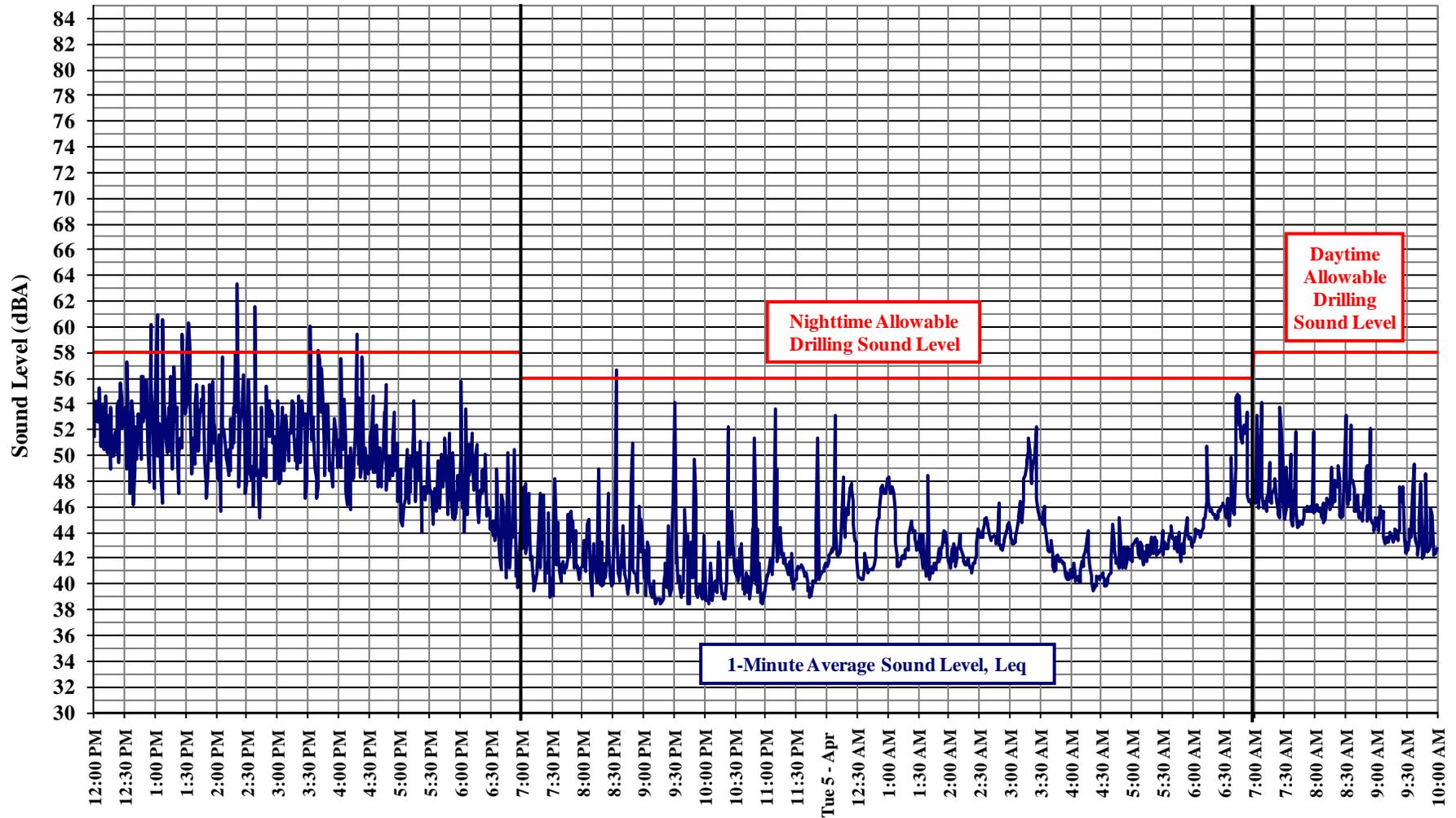
## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



April 4 - April 5, 2011



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



April 4 - April 5, 2011

# **Behrens and Associates, Inc.**

*Environmental Noise Control*



April 6, 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, April 5, to Wednesday, April 6, 2011. The charts display the measured hourly average sound levels and the 1-minute average (Leq) sound levels at Monitoring Location #2, (west of drill site).

Please contact me if you have any questions or comments.

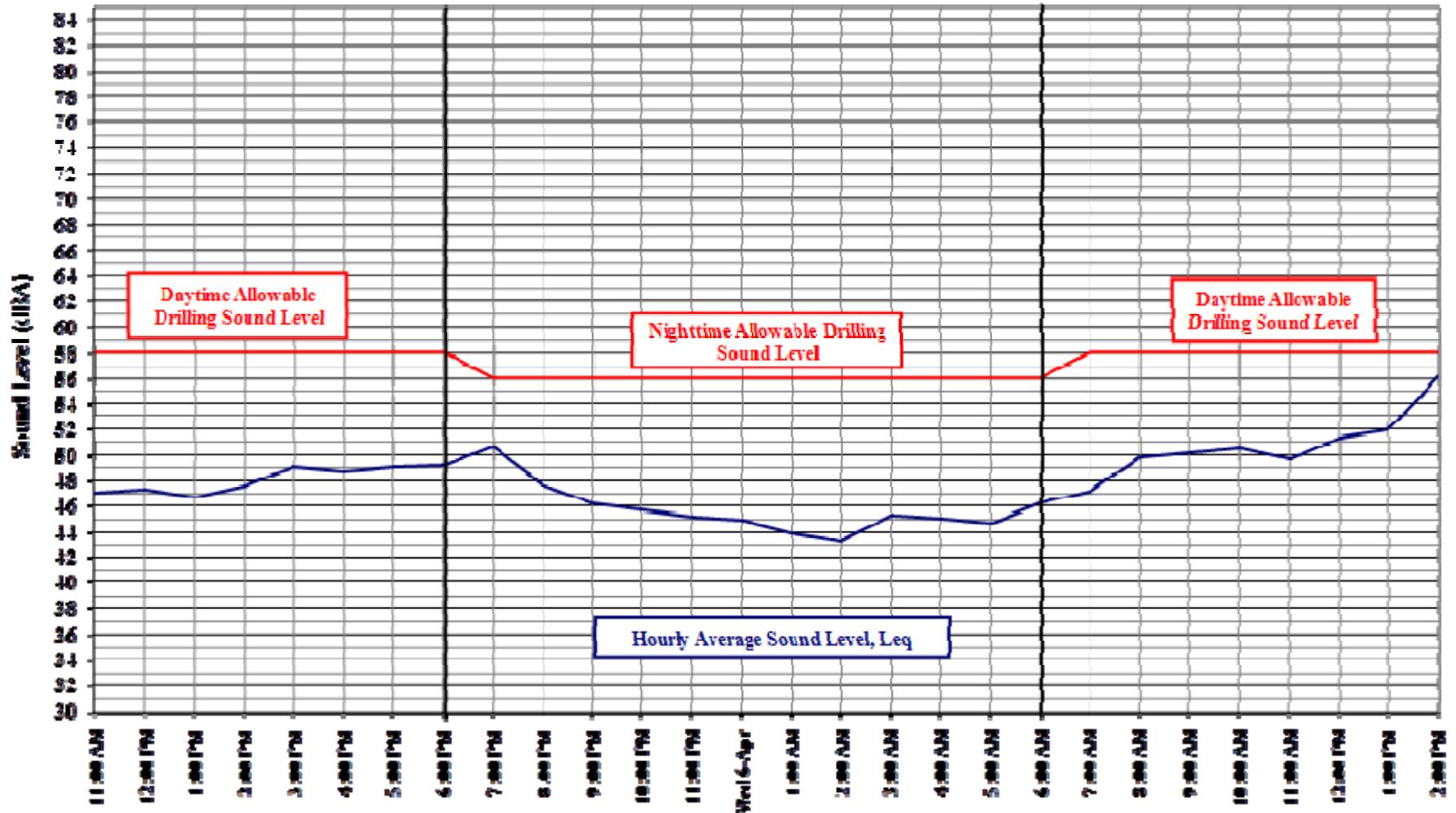
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## Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



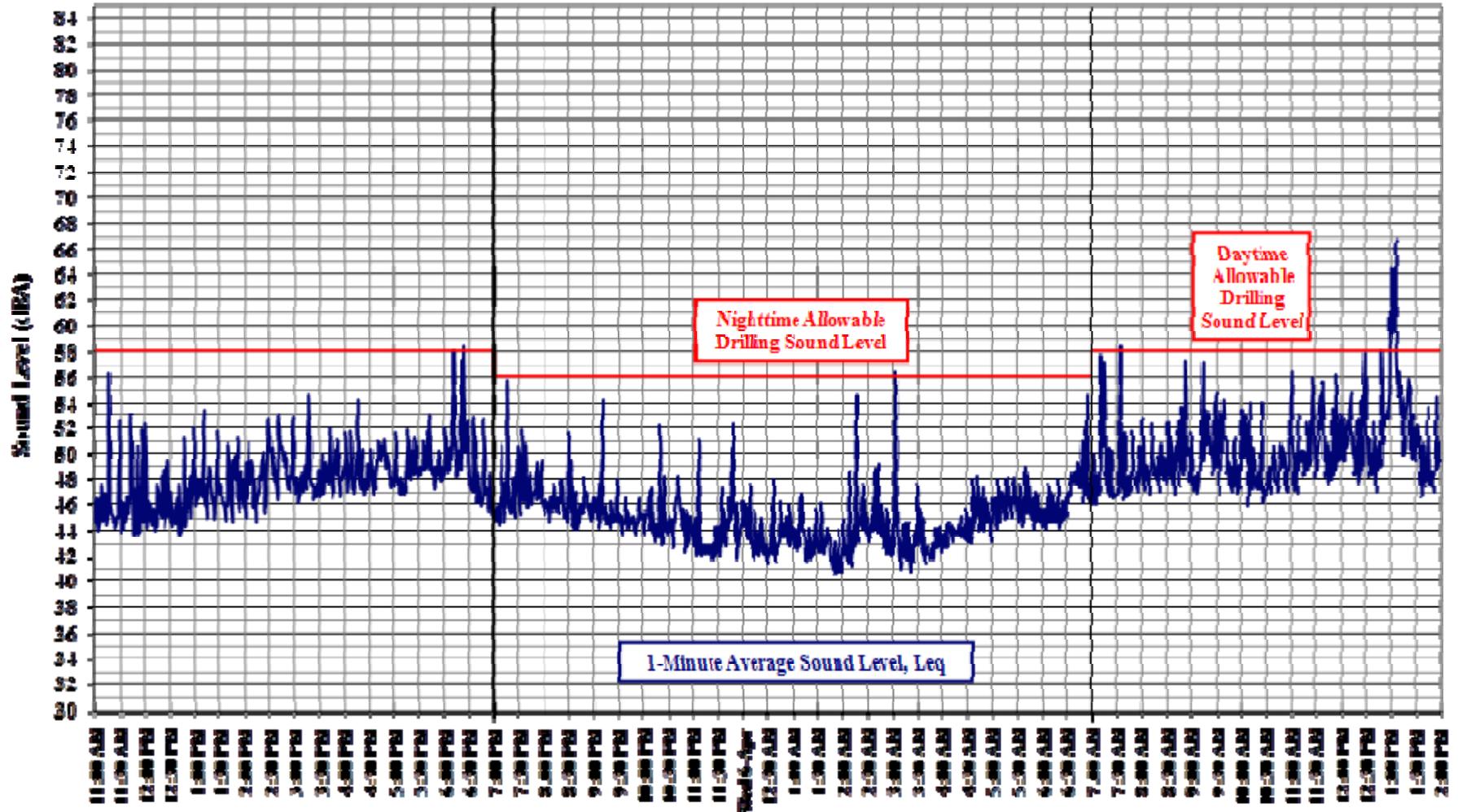
April 5 - April 6, 2011

# Behrens and Associates, Inc.

Environmental Noise Control



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



April 5 - April 6, 2011