

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

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

Date(s): June 1 – June 7, 2011

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

General Comments:

The “F” well has been completed and sealed. A “flow T” part of the wellhead on the completed wells are installed, as seen on wells “D” and “E” in photo below. Drilling is occurring on the “I” well which is the old “C” well renamed. Drilling is about half the total depth.



A bearing on one of the mud pumps failed this past week which has since been repaired.

The overall site condition this past week was good.

Noise

The daily noise reports continue to show outside noise sources contributing to high noise levels and noise spikes throughout the week. This week the sources are air traffic, birds, and coyotes. During the week, 1-hour Leq readings have been considerably lower than compliance levels on both metering sites.

Meter #1 had a malfunction which has since been corrected. At the time of the malfunction, metering location #2 showed 1-hour Leq levels around 10dB lower than compliance levels and 1-minute readings below compliance levels as well.

Environmental

Area wildlife has become accustomed to the frac pond behind the site. To the right is a photo of one turtle which has taken residence in the low water in the frac pond. The upper berm area around the pond is very dry.



Landscaping around the site is doing well with no dead trees or bushes, typical after transplanting.

Lime has been spread behind the living quarters to control moisture driven bacteria, mold, and mildew, resulting from days of rain a few weeks back. The areas behind the living quarters are constantly in the shade and take longer to dry out from rains.

Compliance/Documentation/Reporting

The “C” well was renamed the “I” well.

The entrance drive has become a popular place for vehicles of all sorts to turn around. This should be considered if violations of the approved truck route are reported.

Site Conditions

Caution areas, the rig railings and wrangler parts, were painted as part of routine maintenance as well as pressure washing areas of the work site.

The entrance drive has been kept clean of debris.

Areas of the pad have been re-graded due to settling in areas where heavy trucks typically drive.

Behrens and Associates, Inc.

Environmental Noise Control



June 2, 2011

Titan Operating, LLC
111 West 4th 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, June 1, to Thursday, June 2, 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.

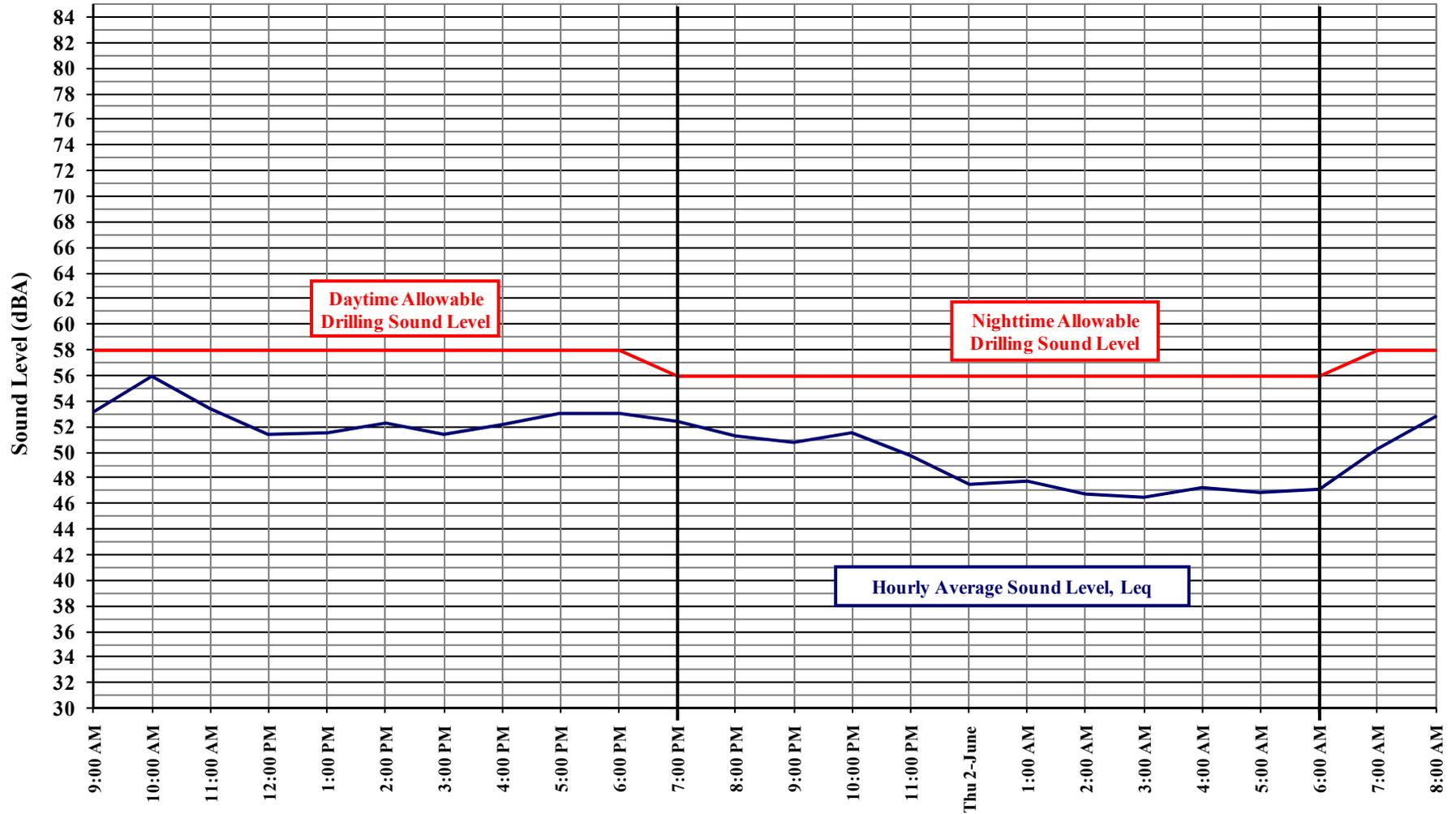
Very truly yours,

Don Behrens
President
95-4460624

Attachments



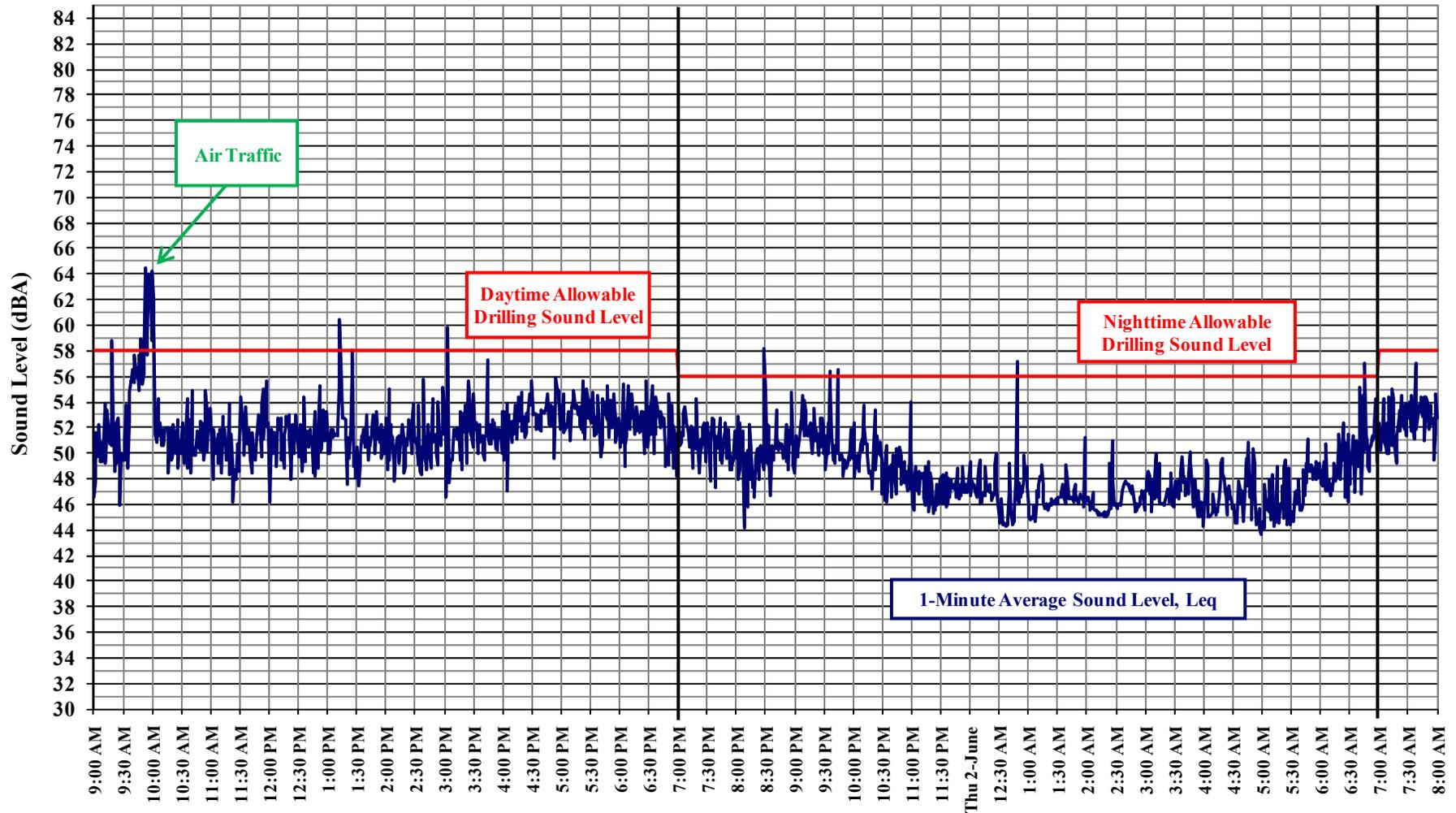
Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



June 1 - June 2, 2011



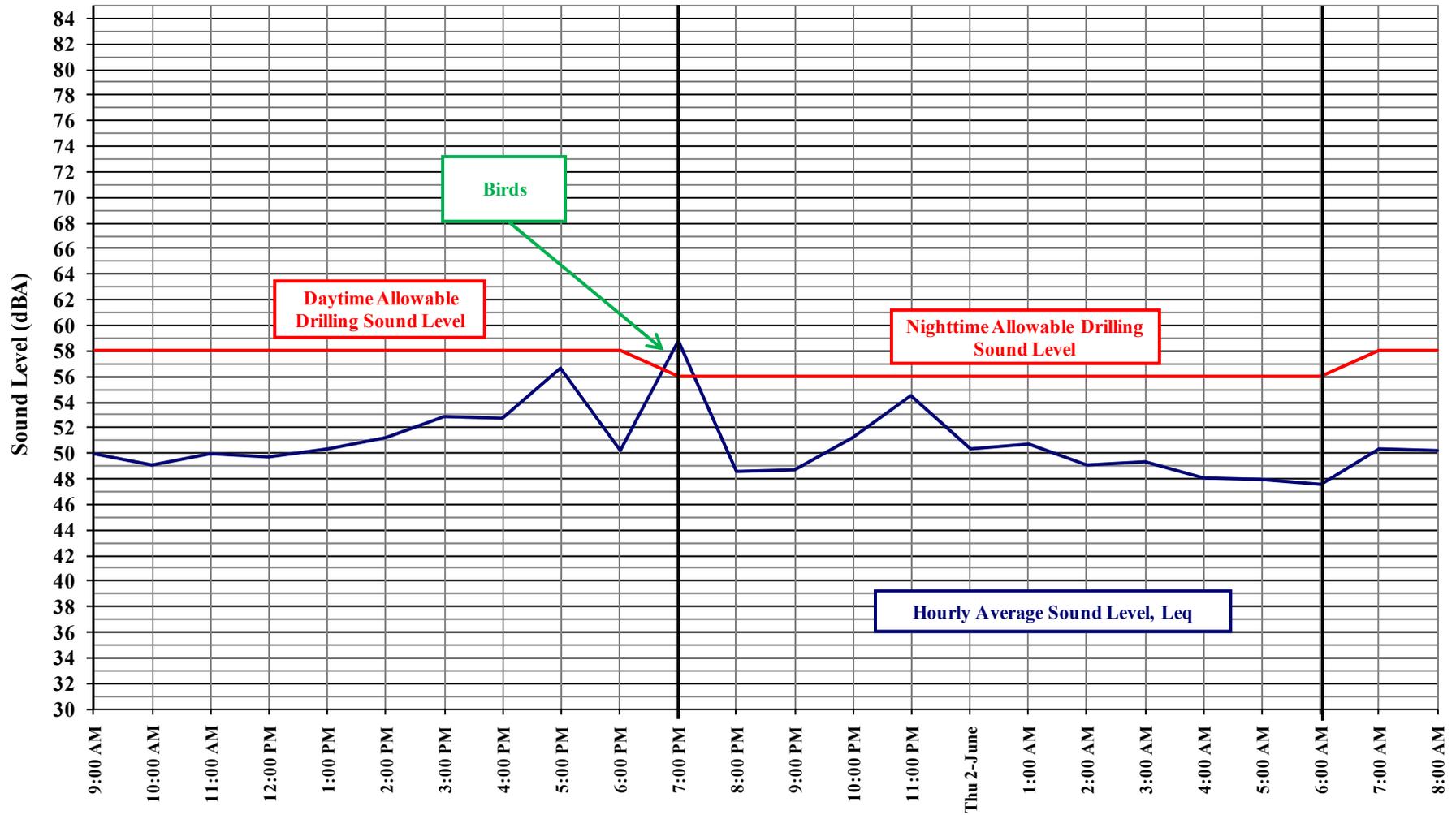
Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



June 1- June 2, 2011



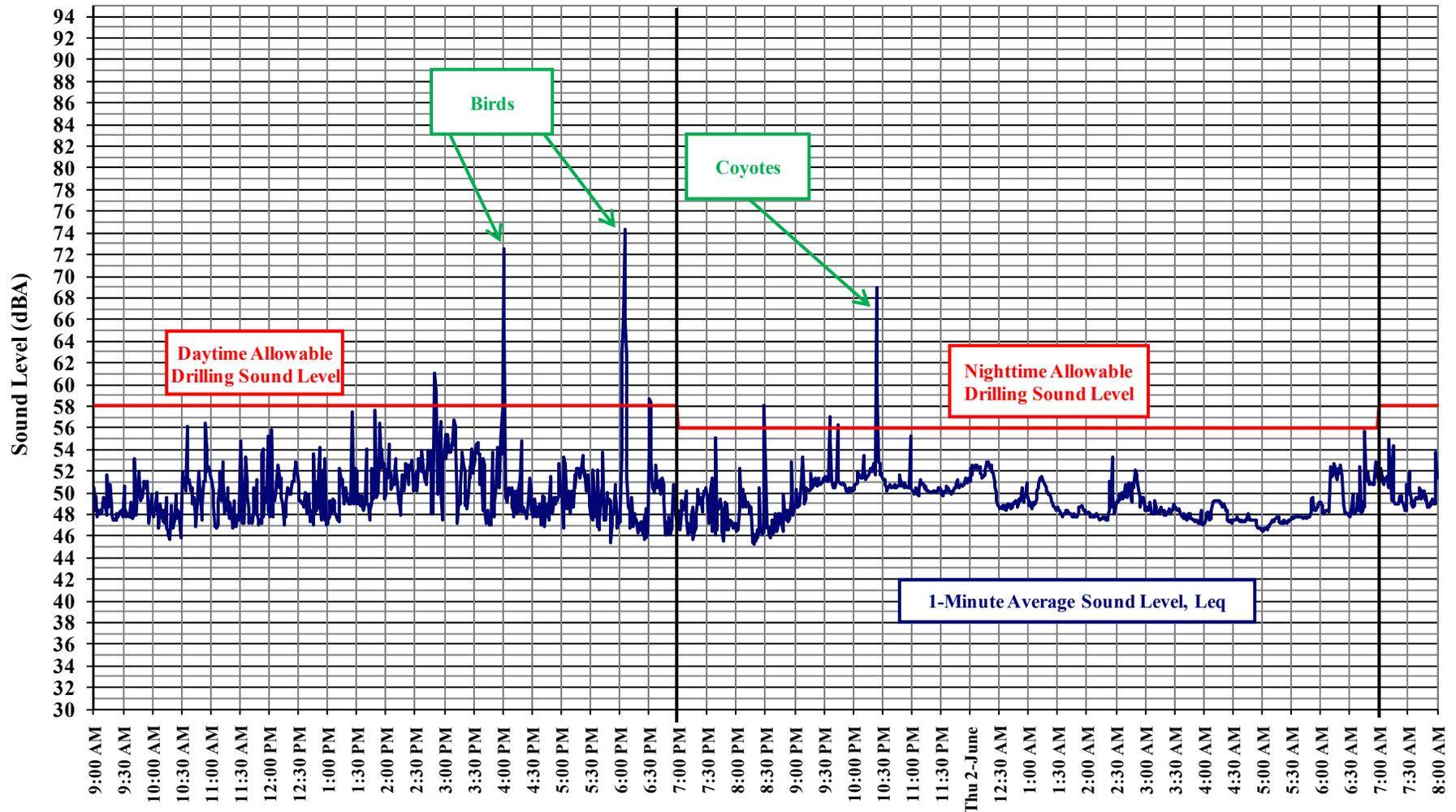
Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



June 1 - June 2, 2011



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



June 1 - June 2, 2011

Behrens and Associates, Inc.

Environmental Noise Control



June 3, 2011

Titan Operating, LLC
111 West 4th 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, June 2, to Friday, June 3, 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 – 6:00 PM on Thursday, June 2, 2011. Review of an audio recording made during the monitoring period revealed off-site noise from lawn maintenance 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,

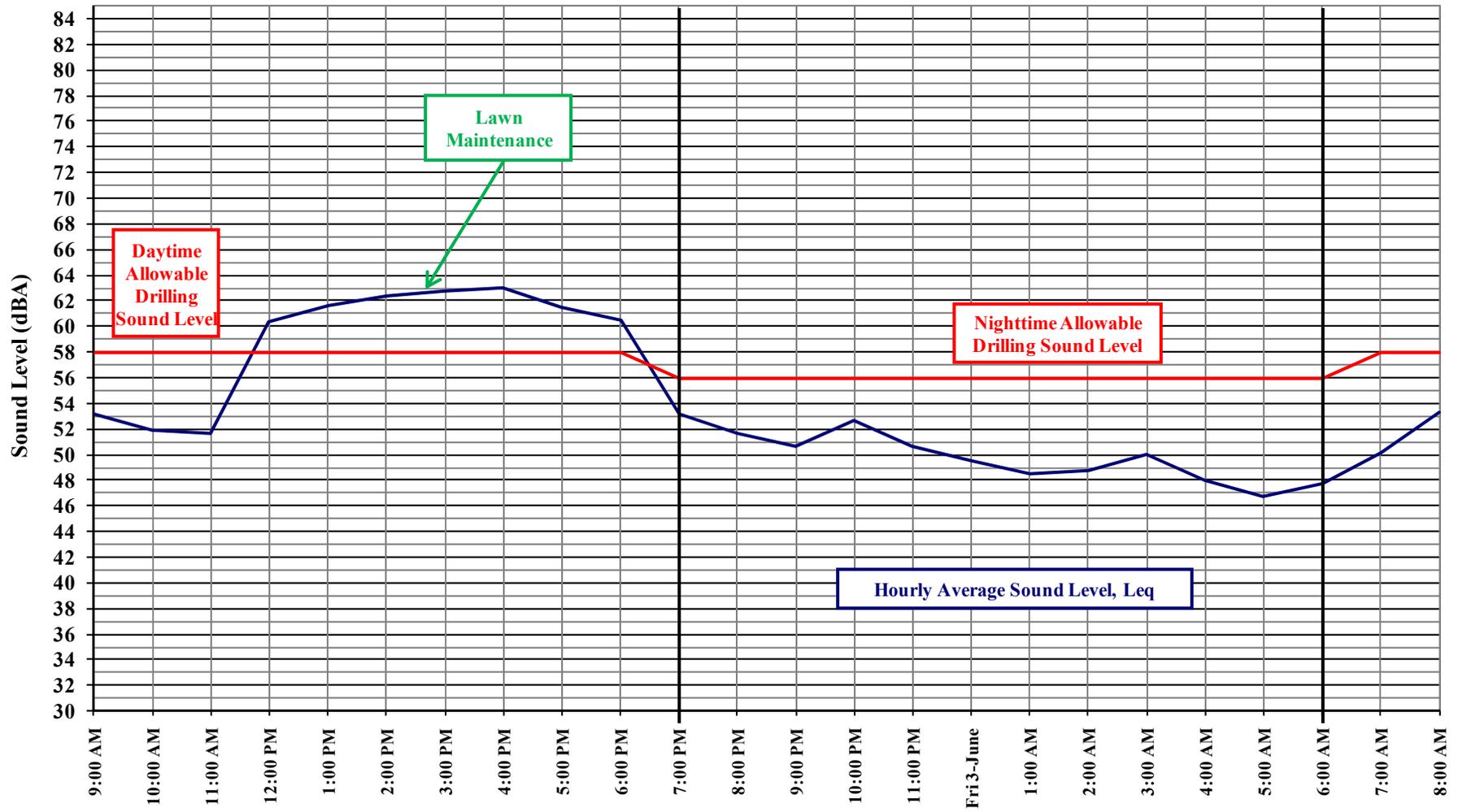
Don Behrens
President
95-4460624

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6003 Financial Plaza, Suite 202 A, Shreveport, LA 71129 ~ Telephone: 318-272-2040 ~ Facsimile: 318-686-5099
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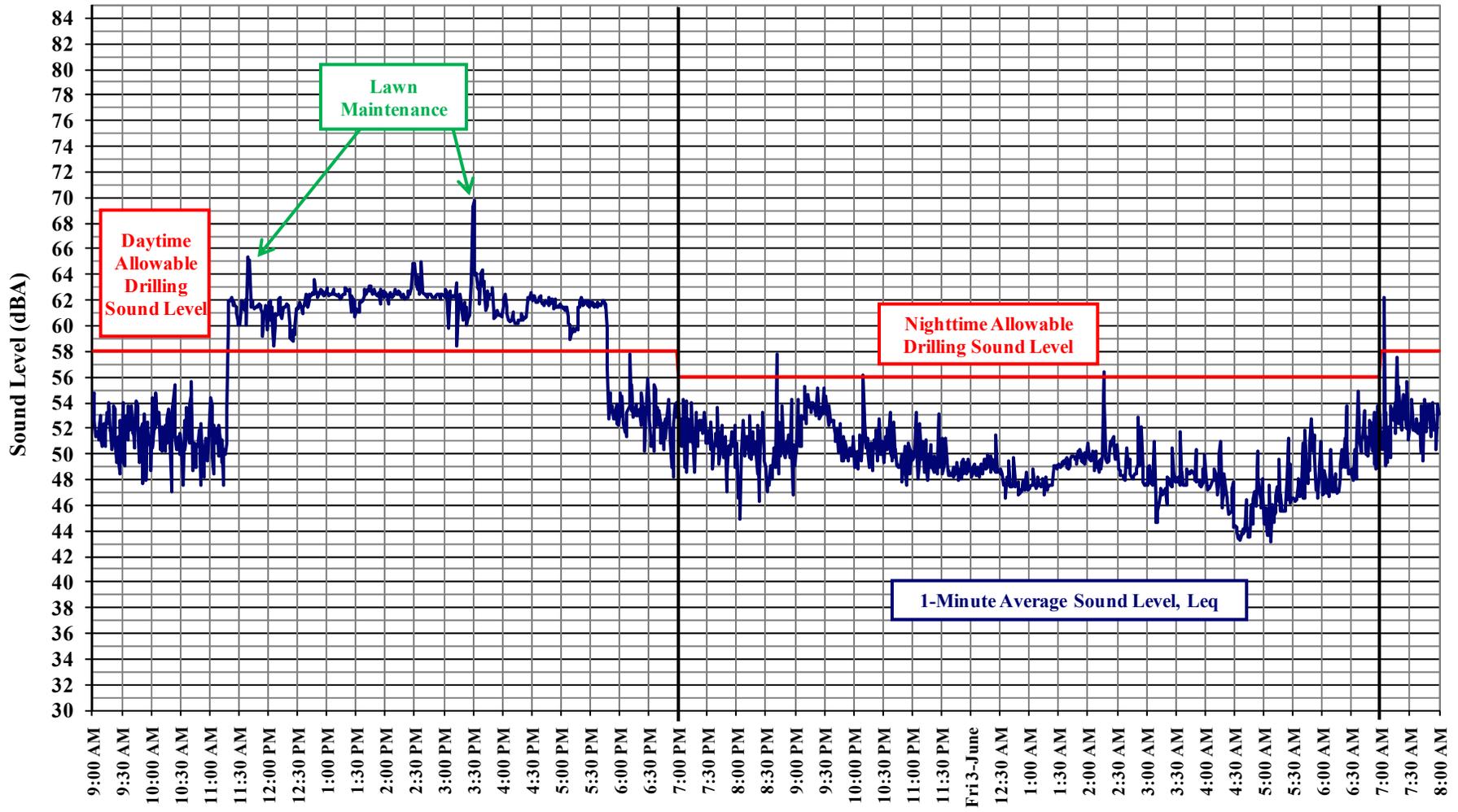
Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



June 2 - June 3, 2011



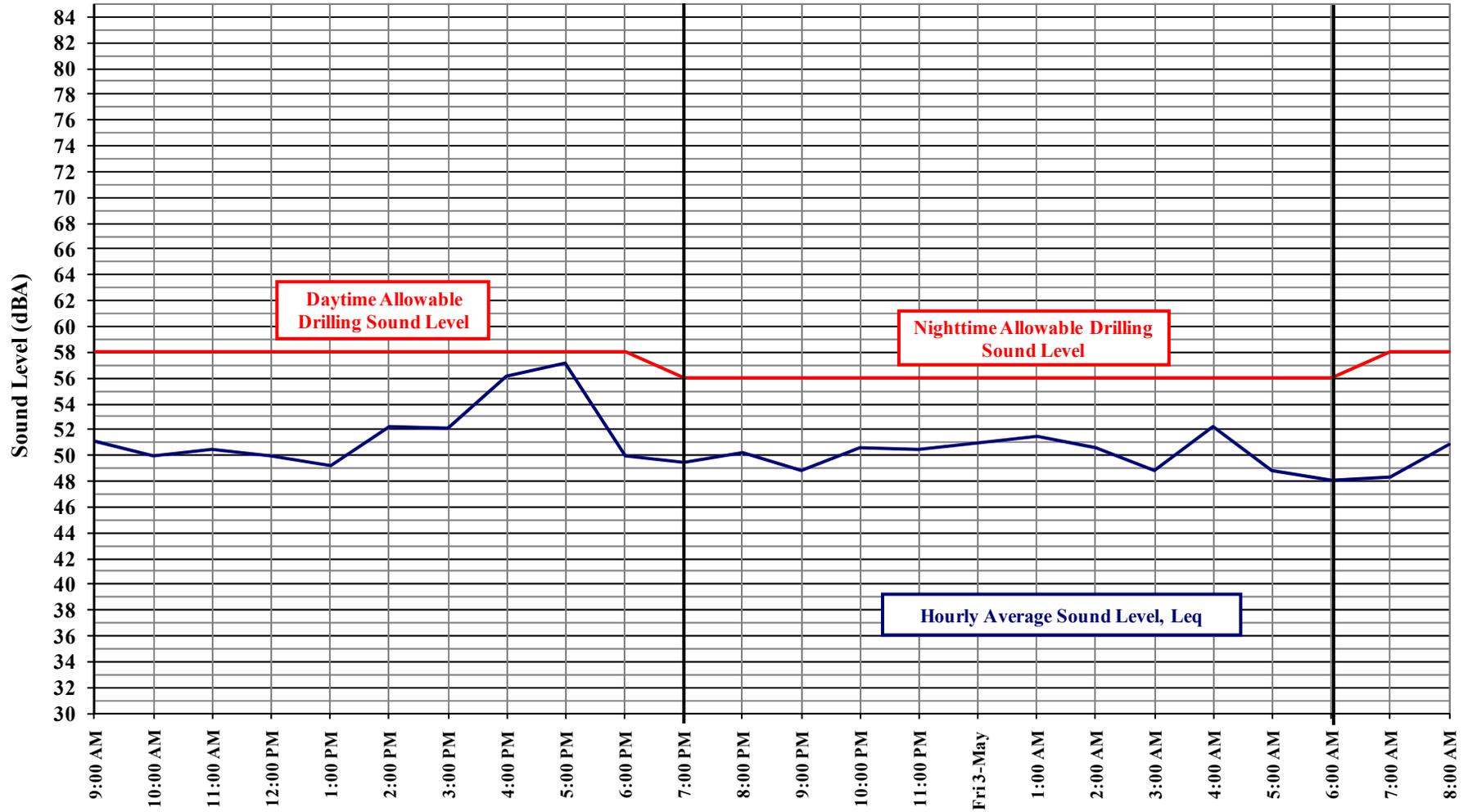
Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



June 2- June 3, 2011



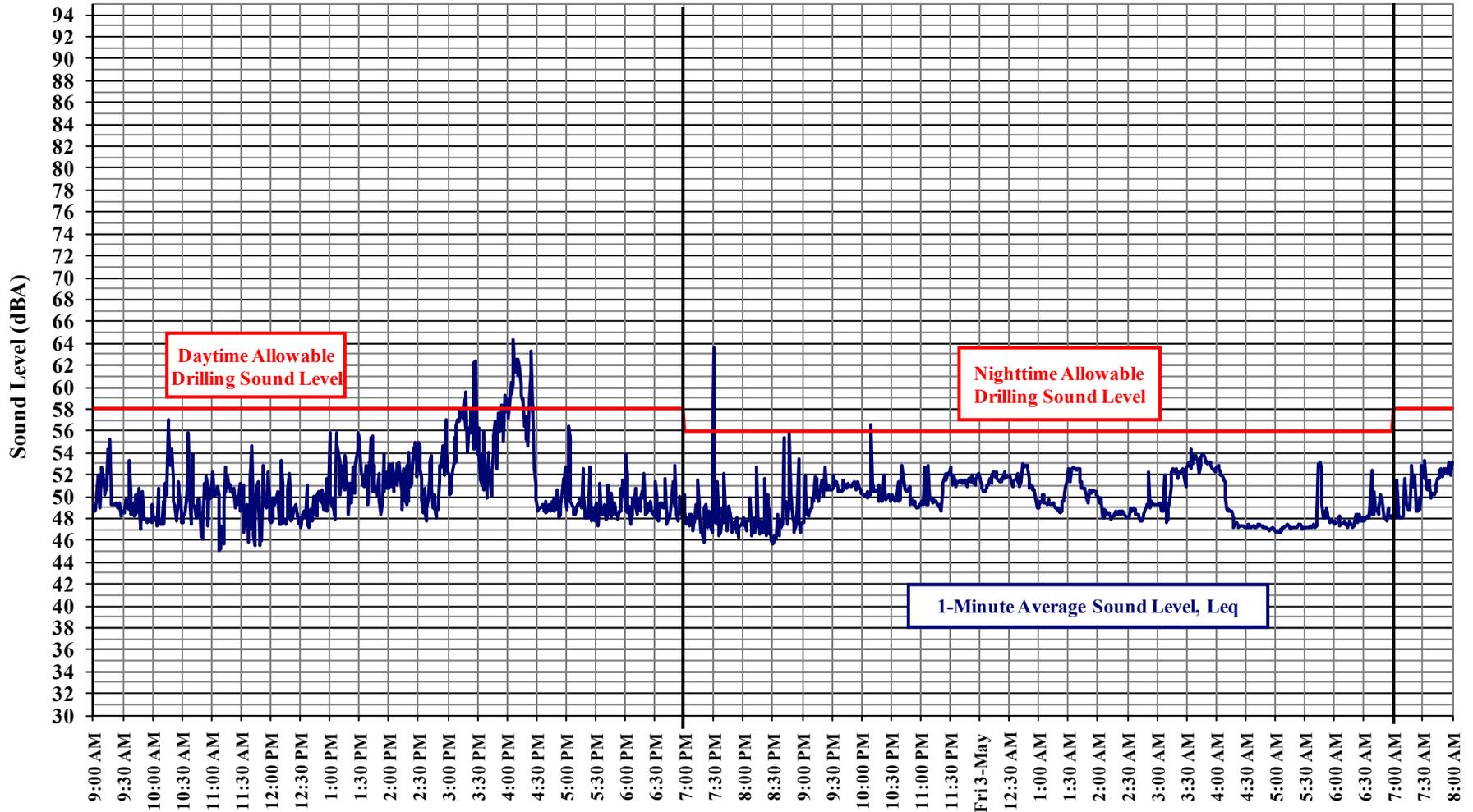
Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



June 2 - June 3, 2011



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



June 2 - June 3, 2011

Behrens and Associates, Inc.

Environmental Noise Control



June 4, 2011

Titan Operating, LLC
111 West 4th 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, June 3, to Saturday, June 4, 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 – 6:00 PM on Thursday, June 2, 2011. Review of an audio recording made during the monitoring period revealed off-site noise from lawn maintenance 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,

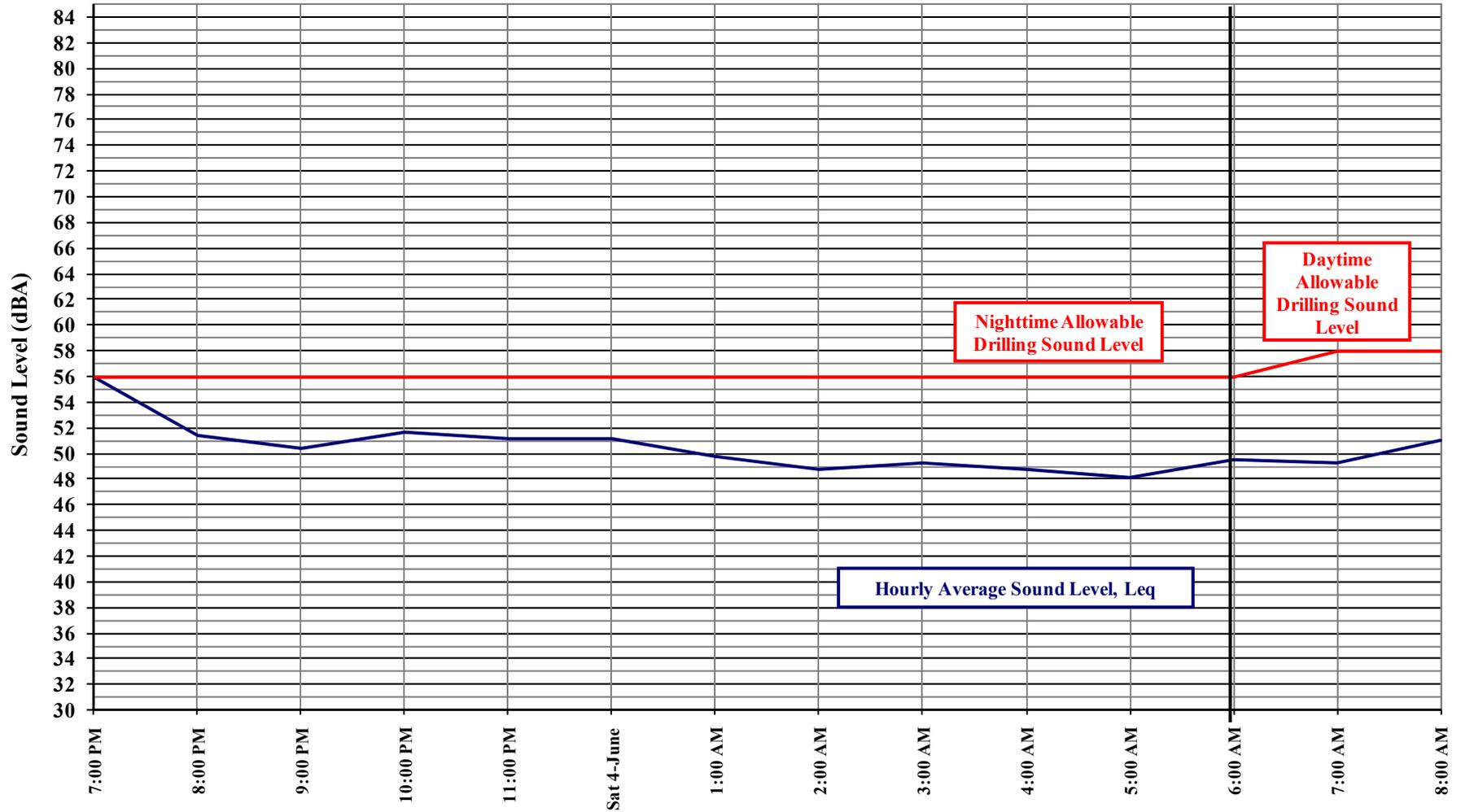
Don Behrens
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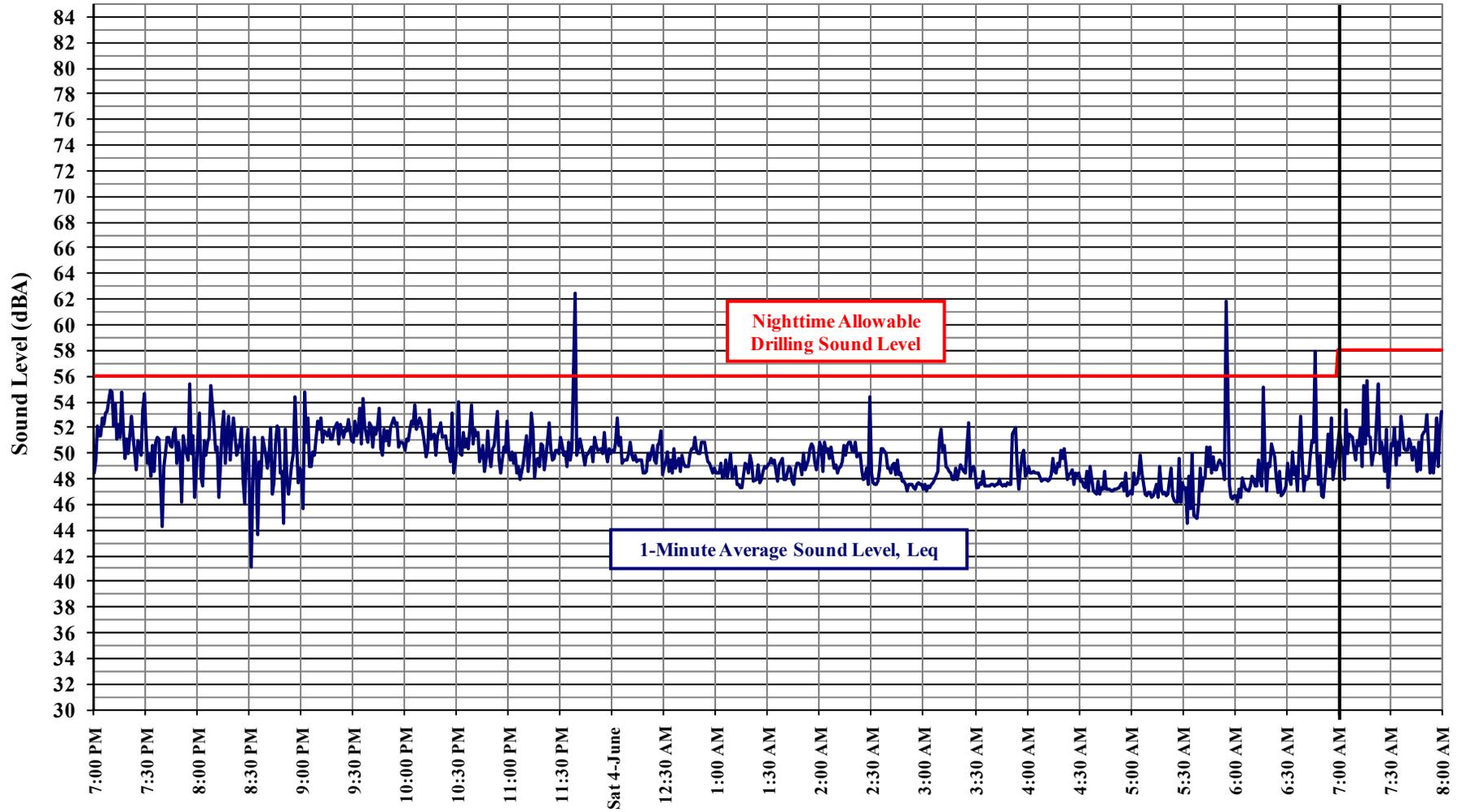
**Titan Operating
TCC 1H Drill Site - Monitoring Location #1
Continuous Sound Level Monitoring**



June 3 - June 4, 2011



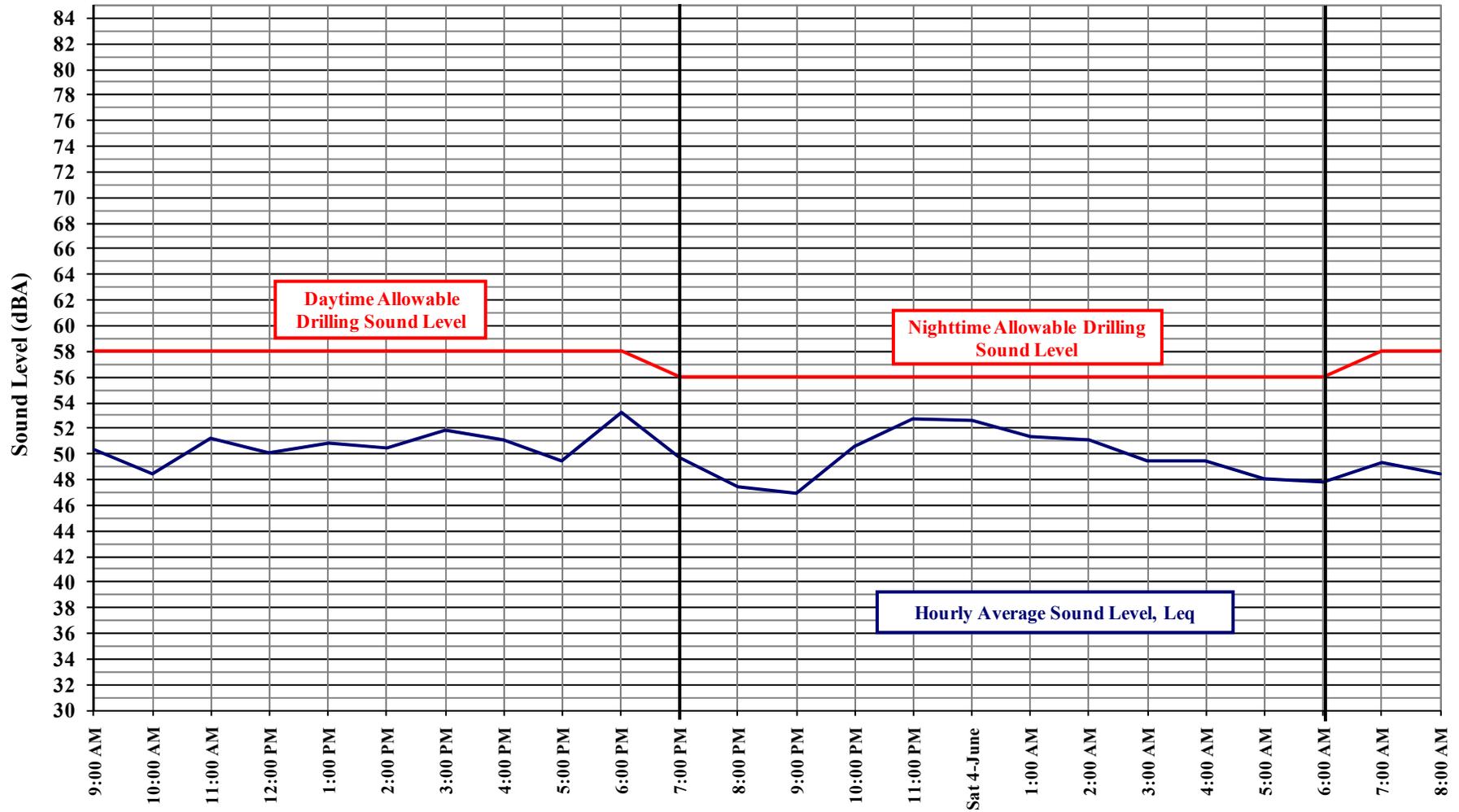
Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



June 3- June 4, 2011



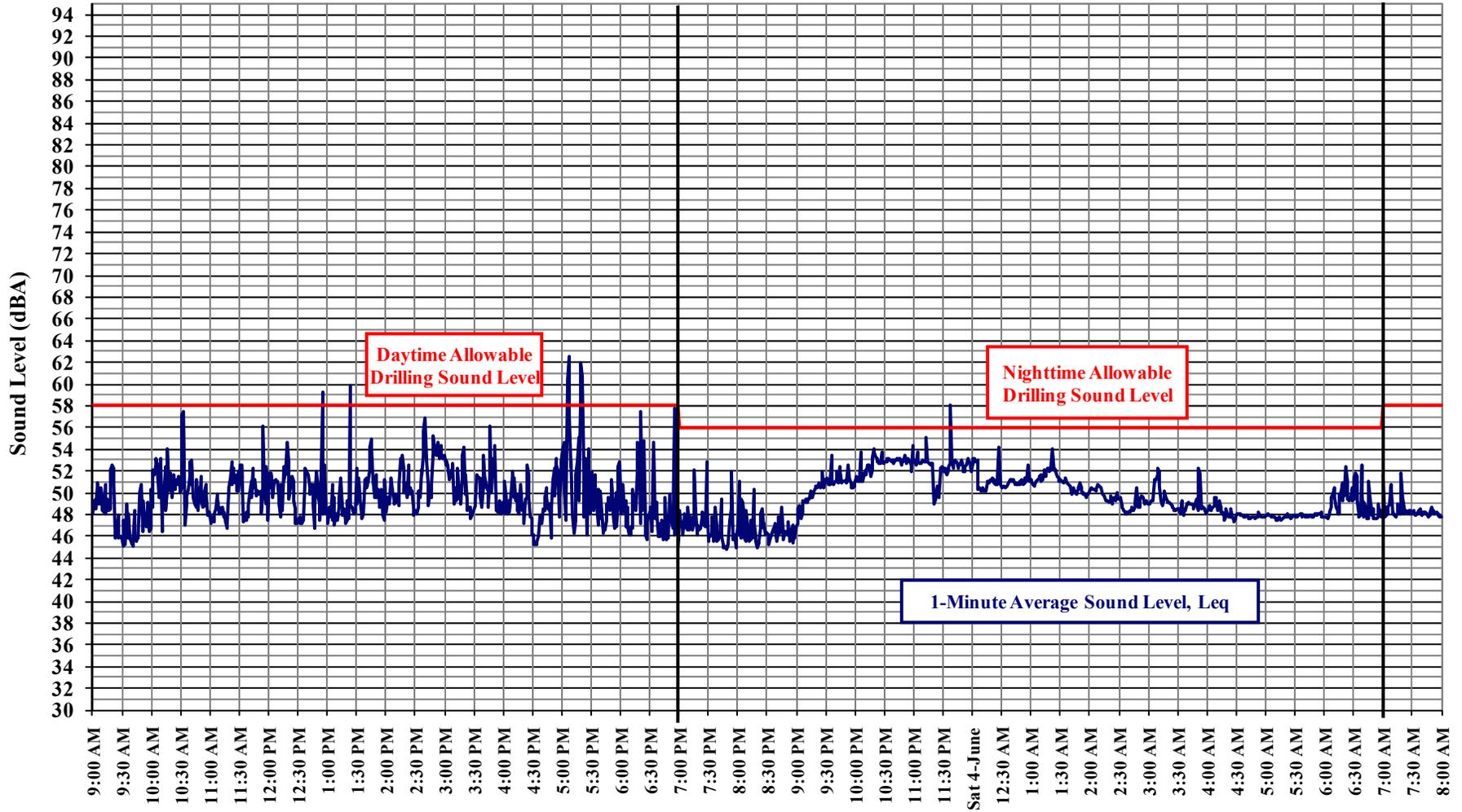
Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



June 3 - June 4, 2011



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



June 3 - June 4, 2011

Behrens and Associates, Inc.

Environmental Noise Control



June 5, 2011

Titan Operating, LLC
111 West 4th 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, June 4, to Sunday, June 5, 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 – 7:00 PM on Saturday, June 4, 2011. Review of an audio recording made during the monitoring period revealed off-site noise from the meter malfunctioning 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,

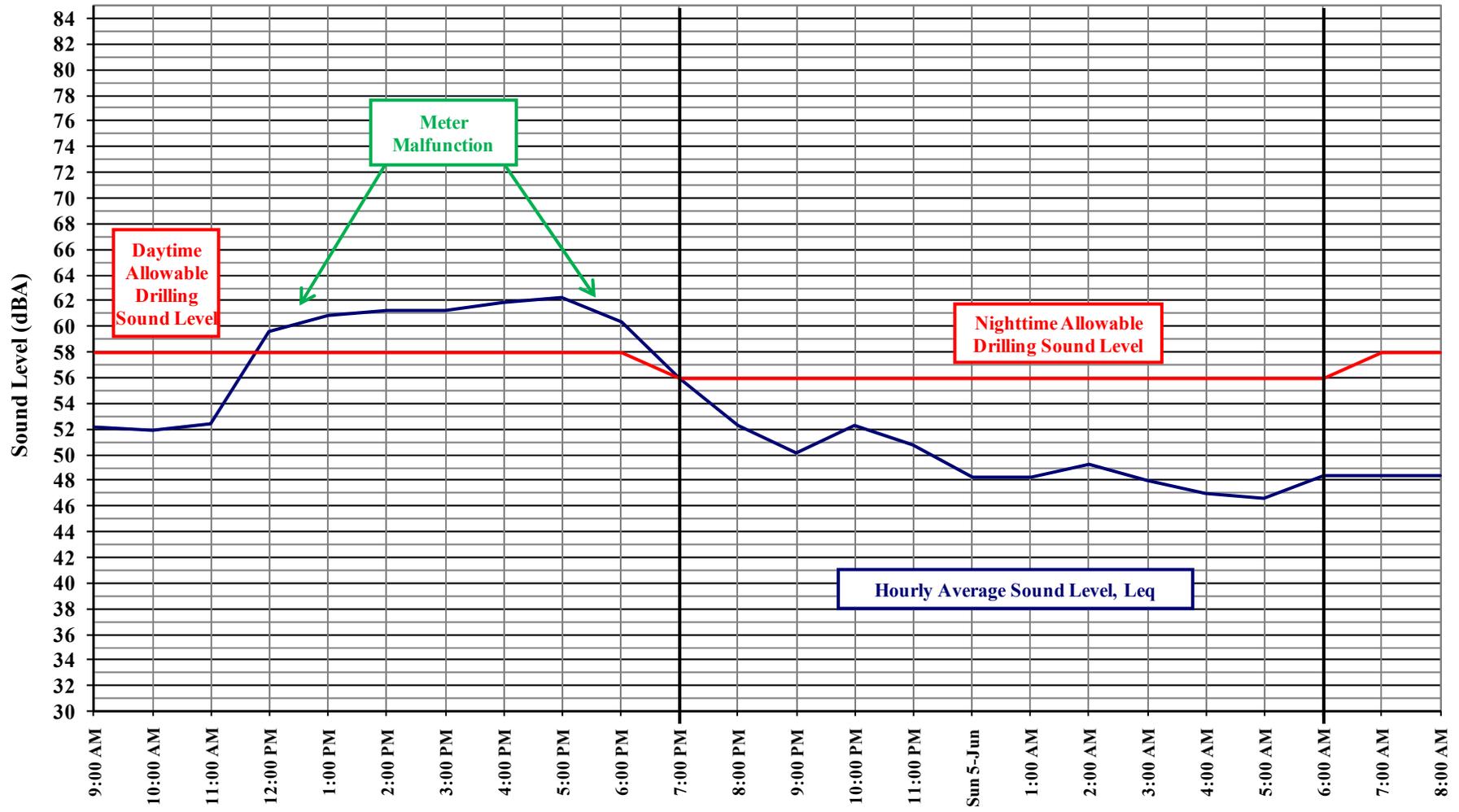
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President
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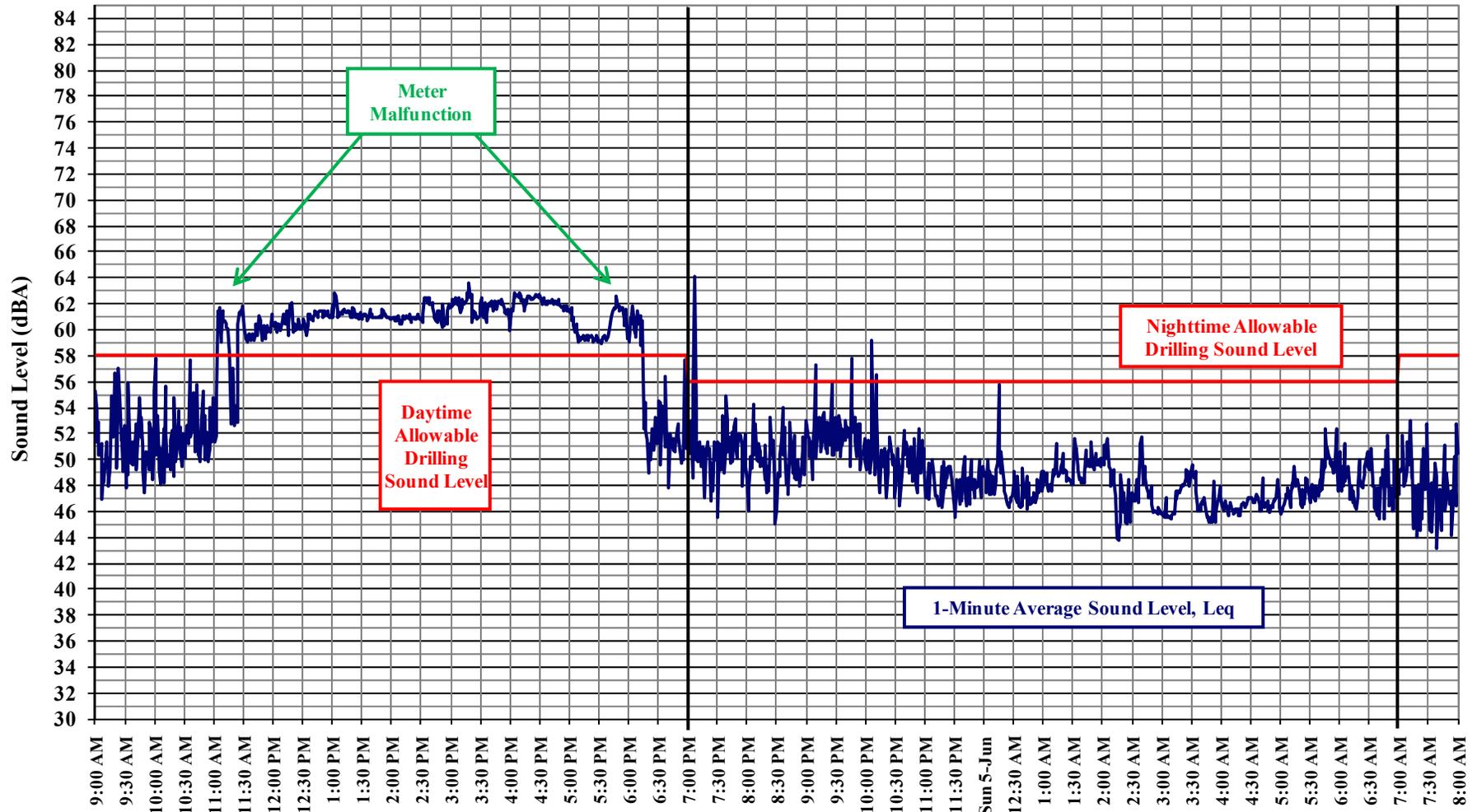
Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



June 4 - June 5, 2011



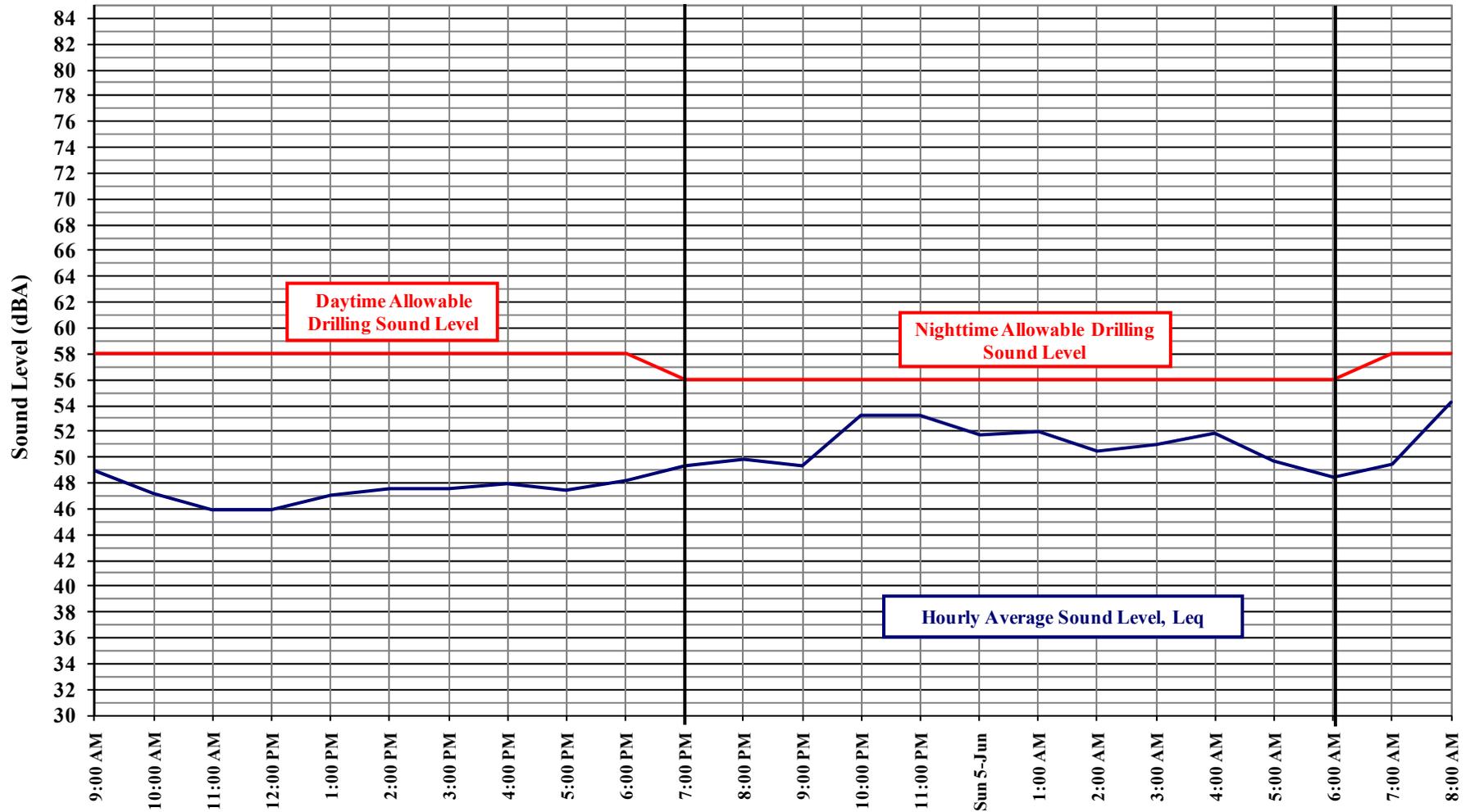
Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



June 4 - June 5, 2011



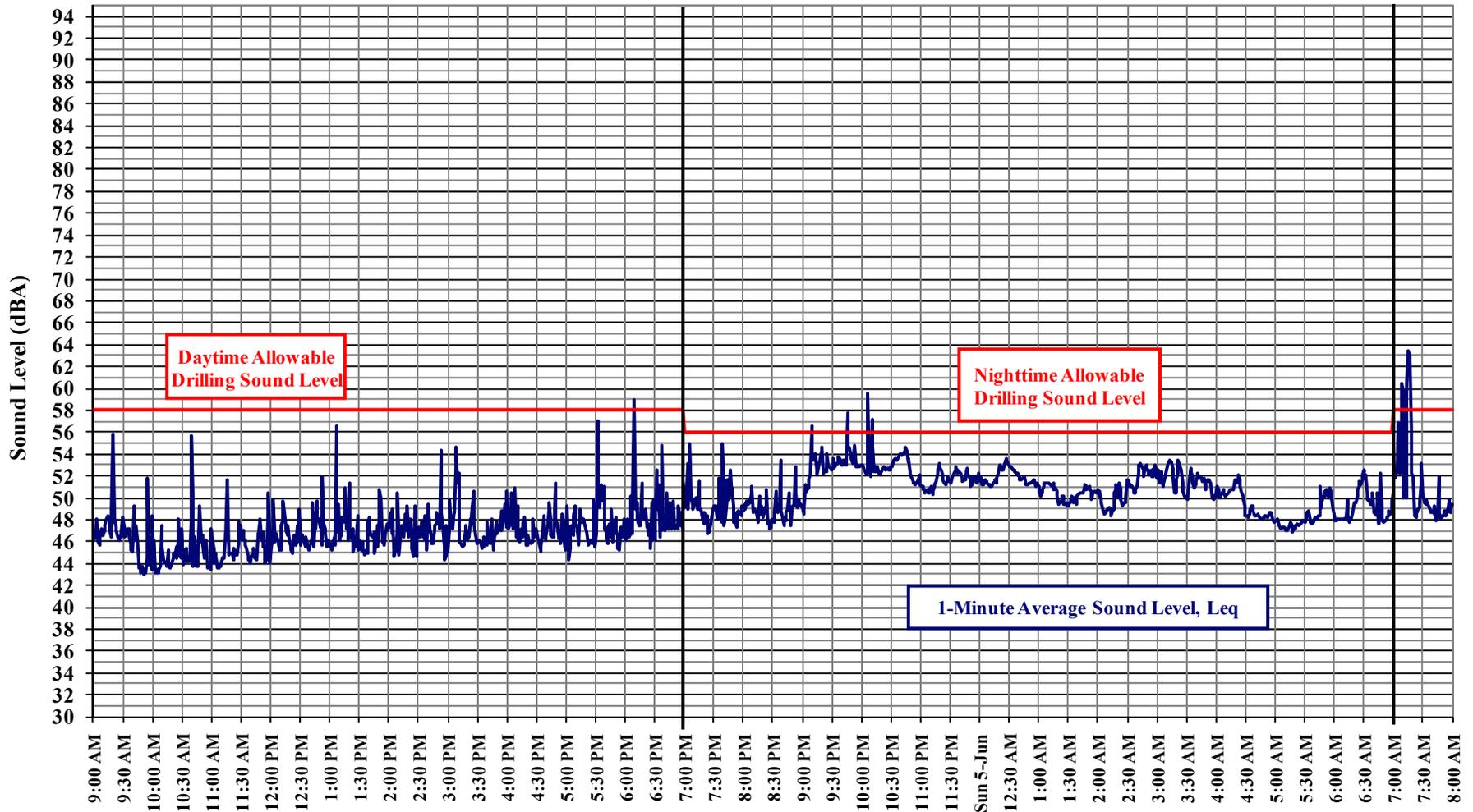
Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



June 4 - June 5, 2011



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



June 4 - June 5, 2011

Behrens and Associates, Inc.

Environmental Noise Control



June 6, 2011

Titan Operating, LLC
111 West 4th 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, June 5, to Monday, June 6, 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 – 6:30 PM on Sunday, June 5, 2011. Review of an audio recording made during the monitoring period revealed off-site noise from the meter malfunctioning 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,

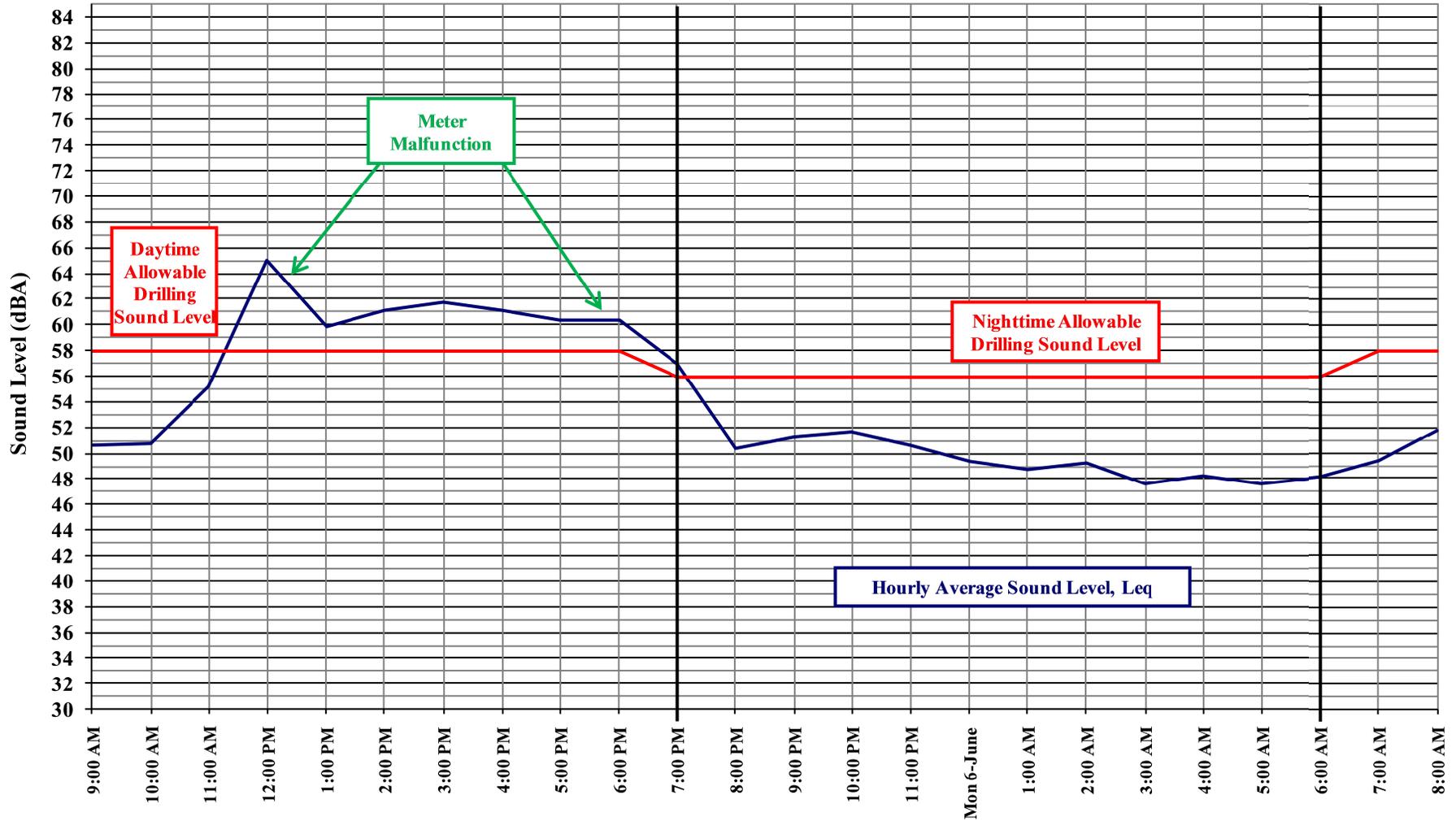
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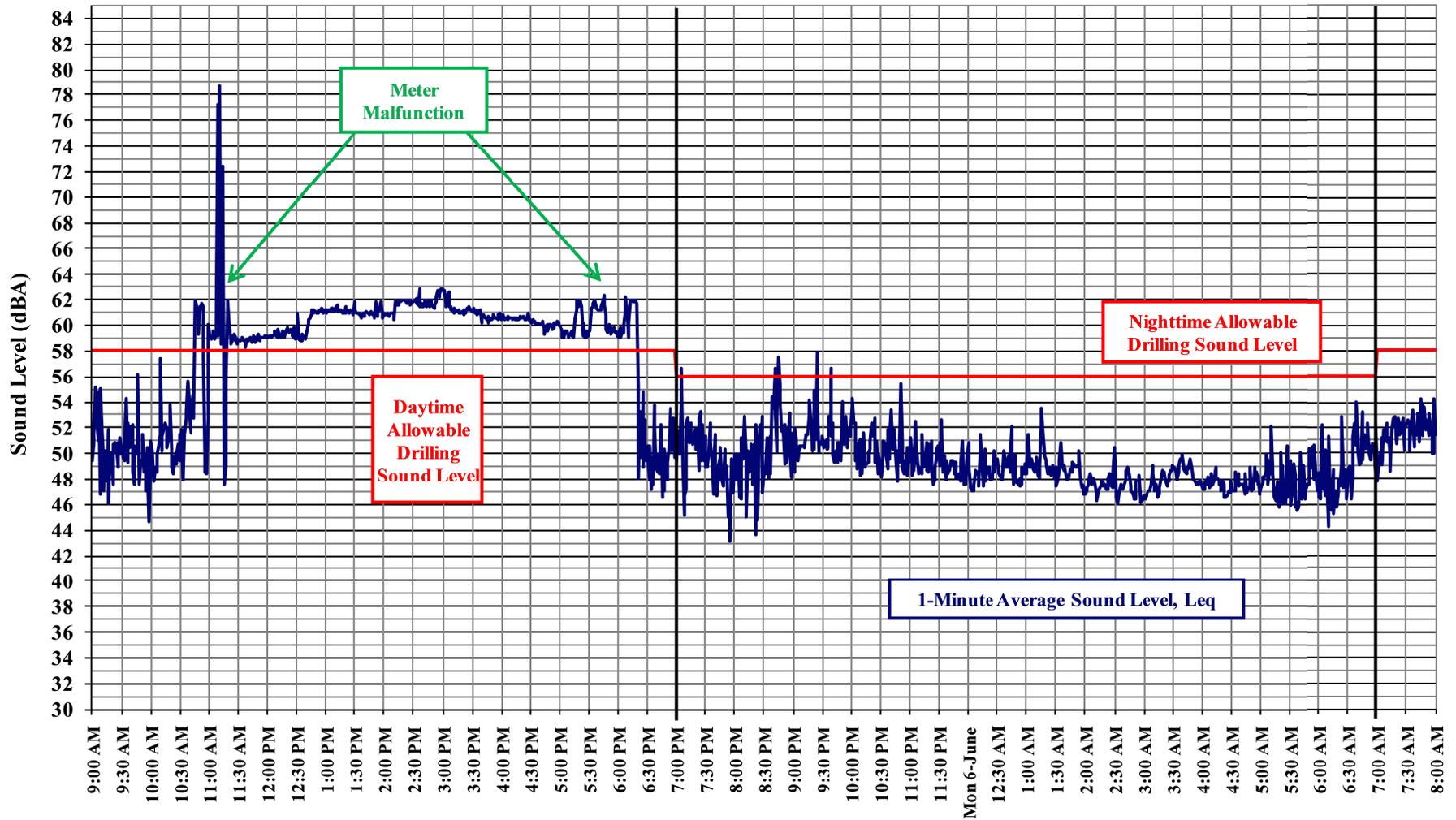
Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



June 5 - June 6, 2011



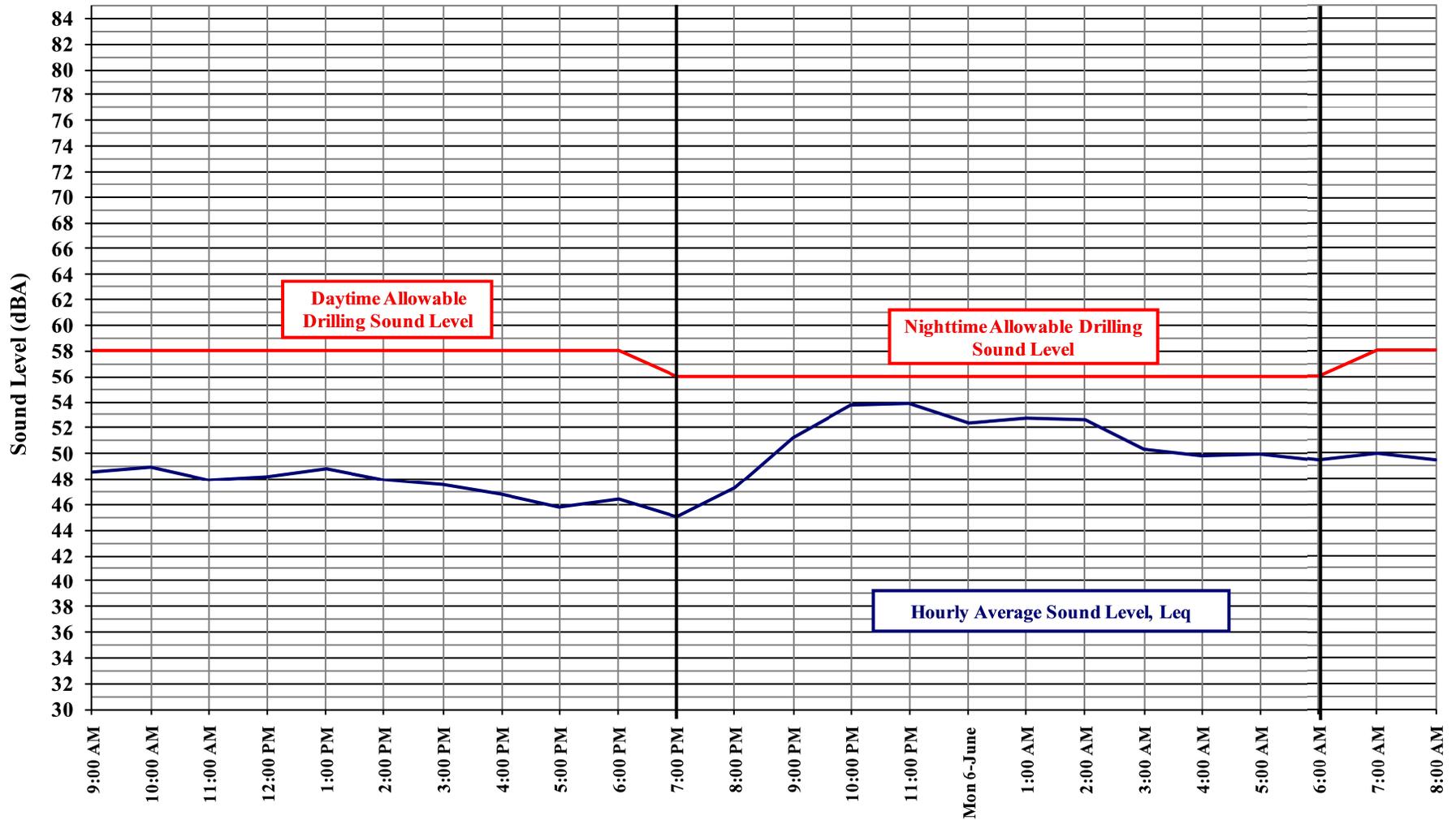
Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



June 5 - June 6, 2011



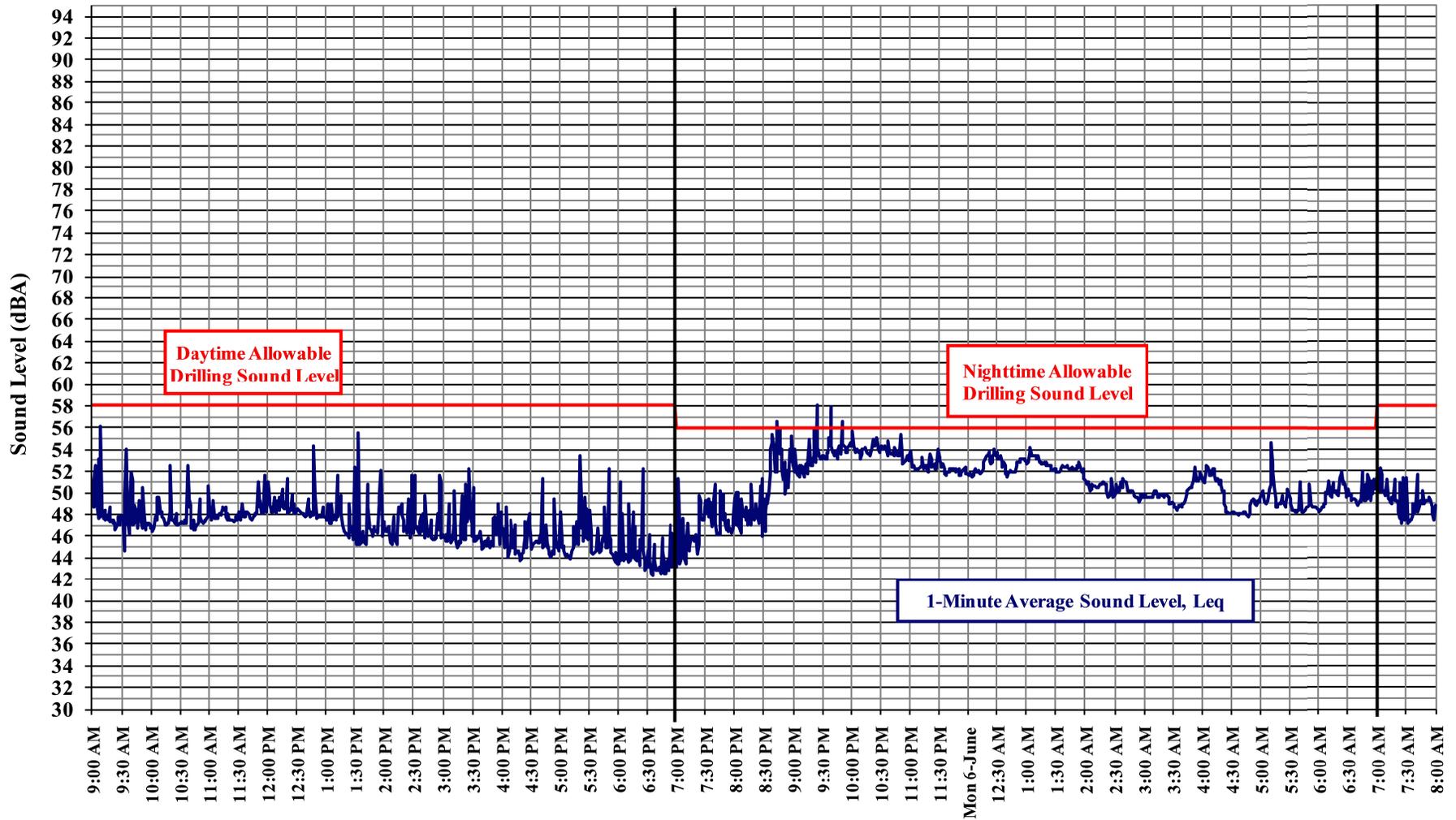
Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



June 5 - June 6, 2011



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



June 5 - June 6, 2011

Behrens and Associates, Inc.

Environmental Noise Control



June 7, 2011

Titan Operating, LLC
111 West 4th 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, June 6, to Tuesday, June 7, 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 11:30 AM – 6:00 PM on Monday, June 6, 2011. Review of an audio recording made during the monitoring period revealed off-site noise from the meter malfunctioning and meter maintenance 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,

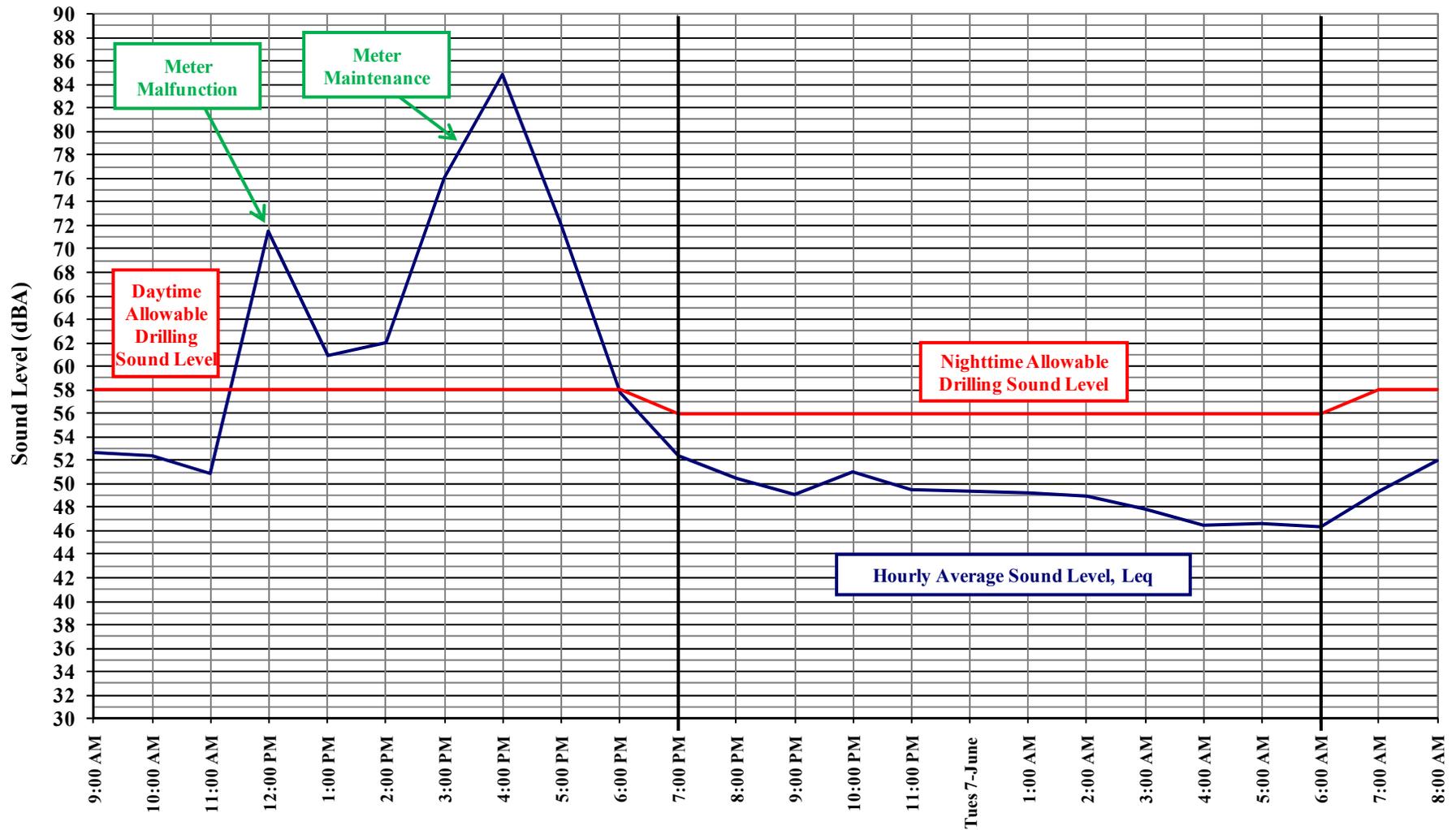
Don Behrens
President
95-4460624

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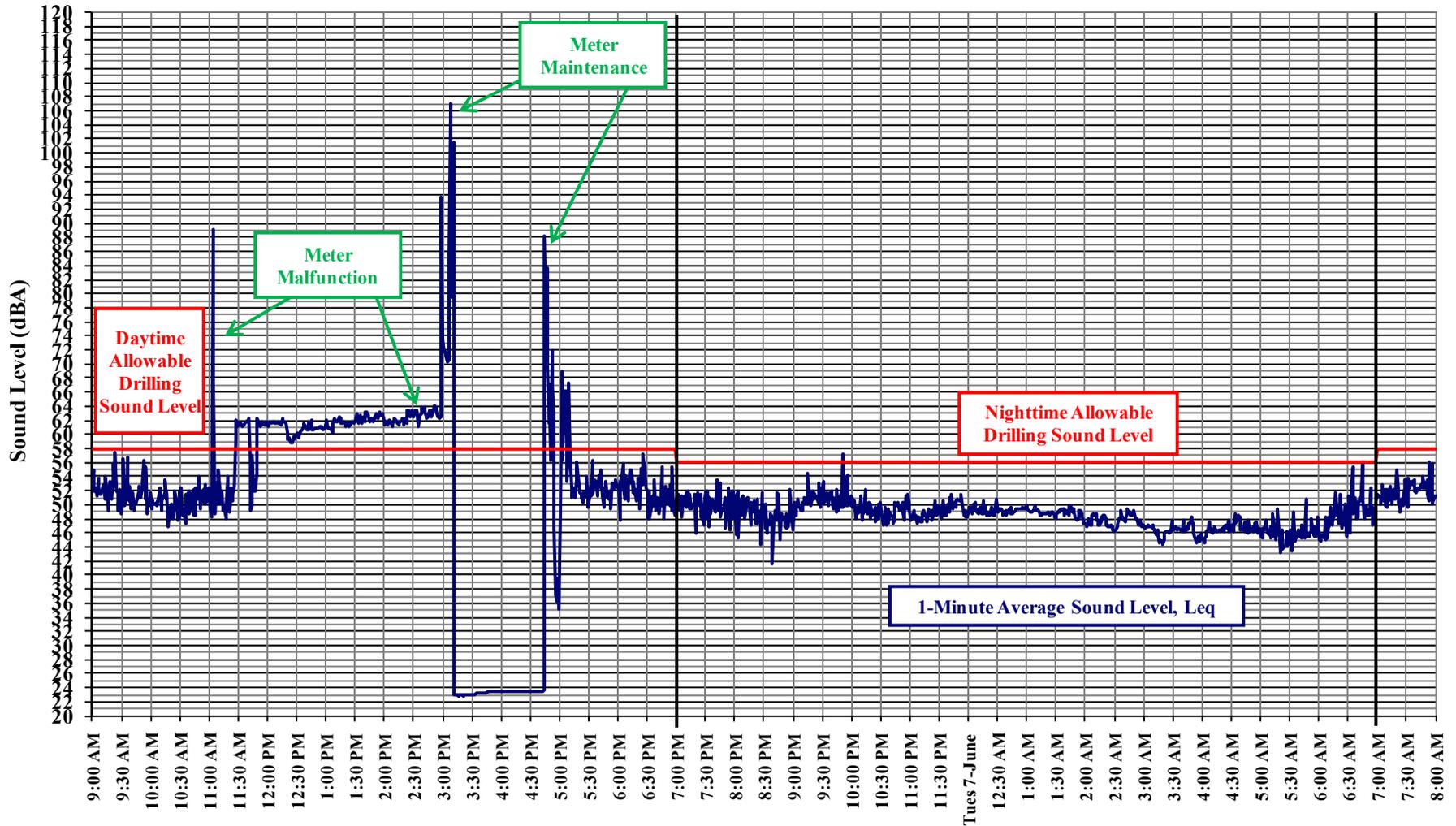
Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



June 6 - June 7, 2011



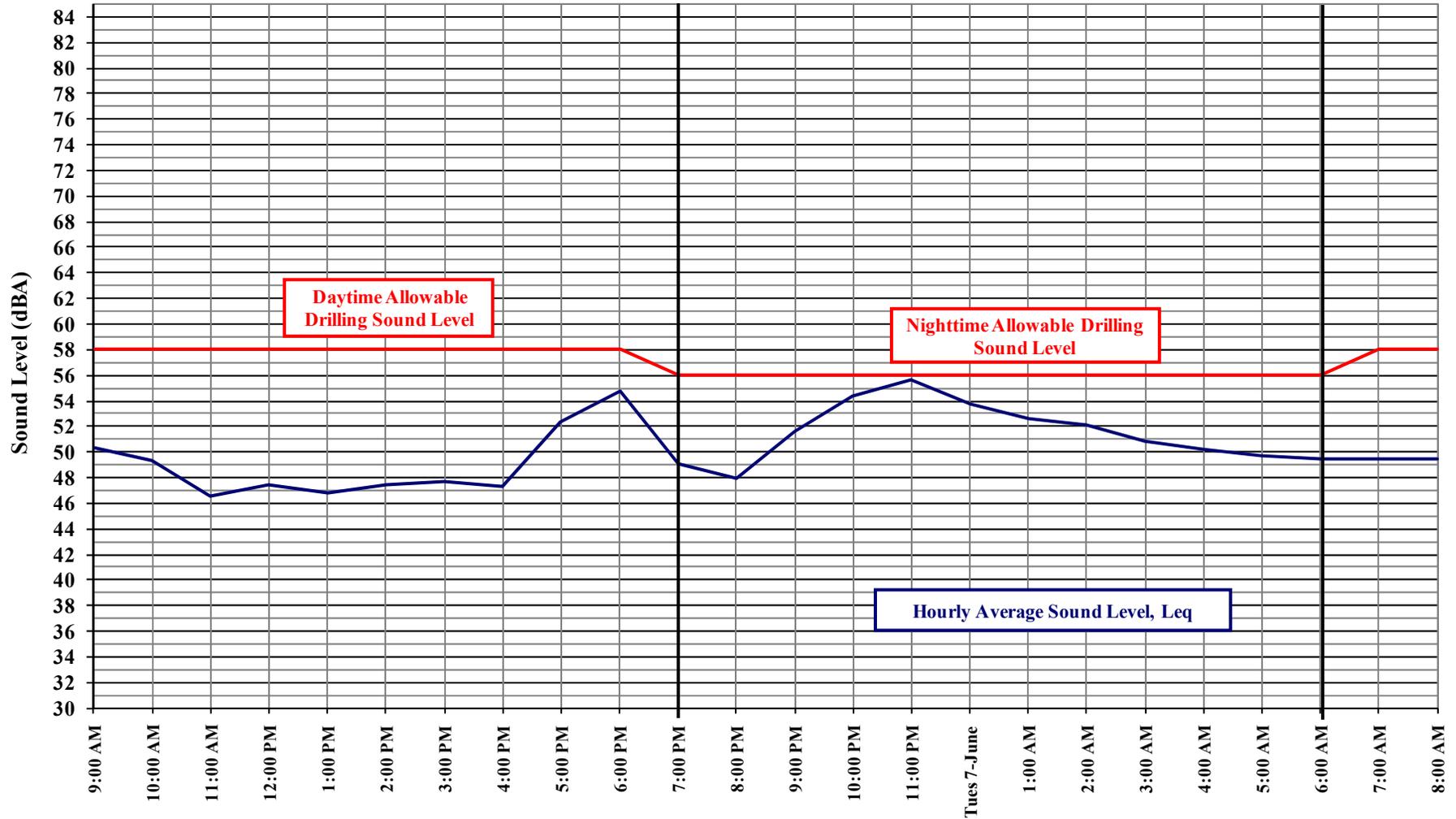
Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



June 6 - June 7, 2011



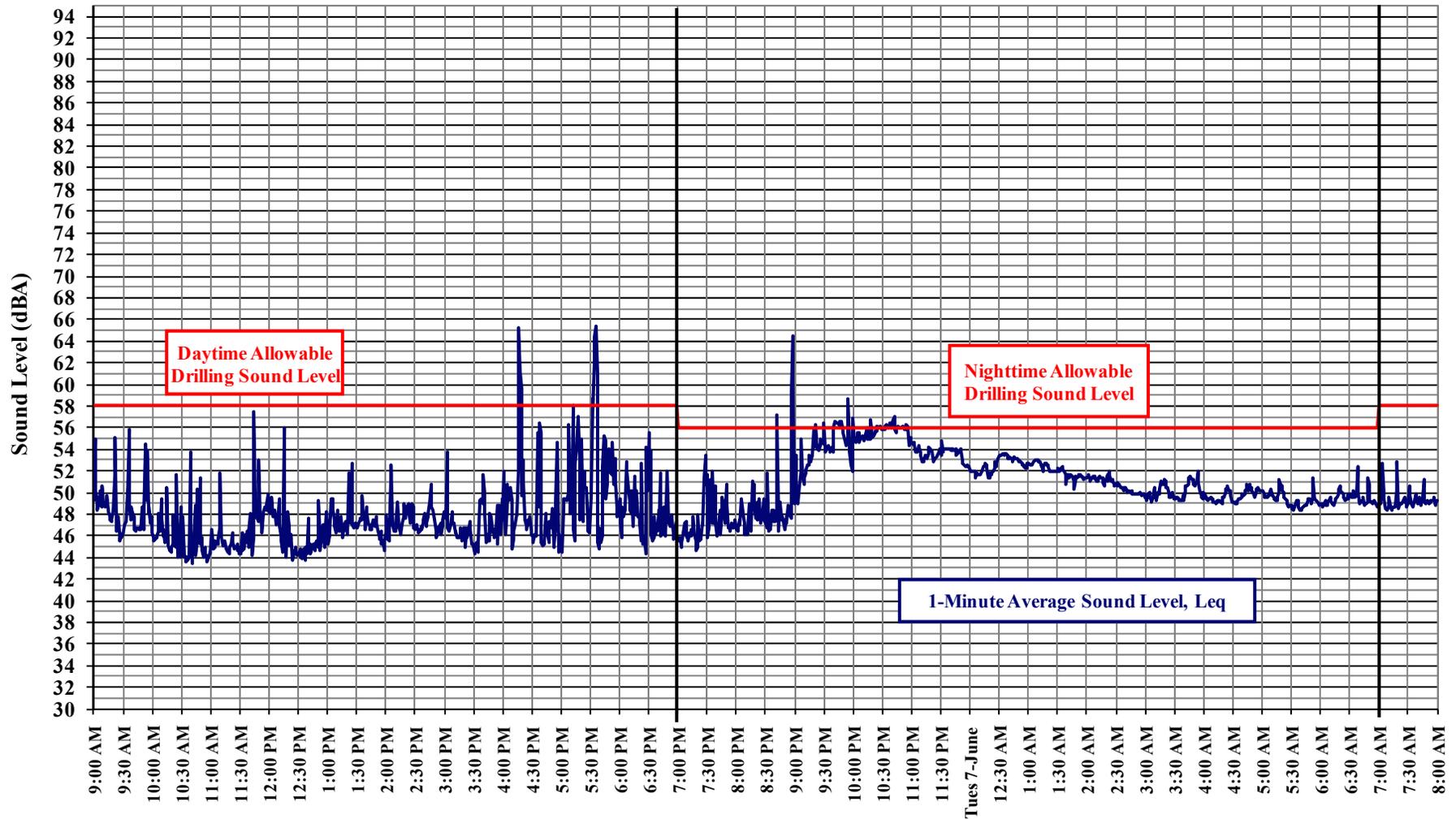
Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



June 6 - June 7, 2011



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



June 6 - June 7, 2011

Behrens and Associates, Inc.

Environmental Noise Control



June 8, 2011

Titan Operating, LLC
111 West 4th 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, June 7, to Wednesday, June 8, 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 1:00 PM – 3:00 PM on Tuesday, June 7, 2011. Review of an audio recording made during the monitoring period revealed off-site noise meter 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,

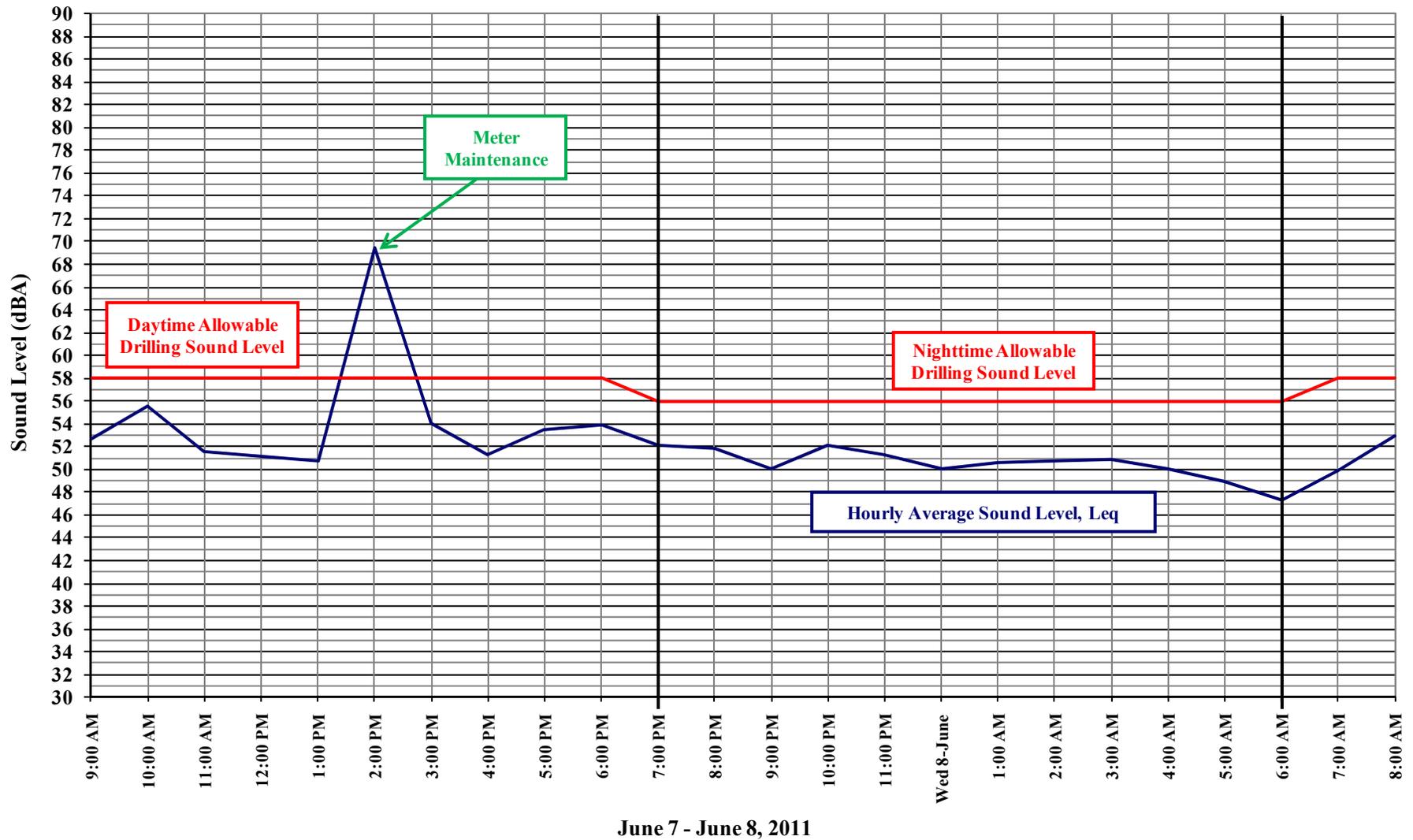
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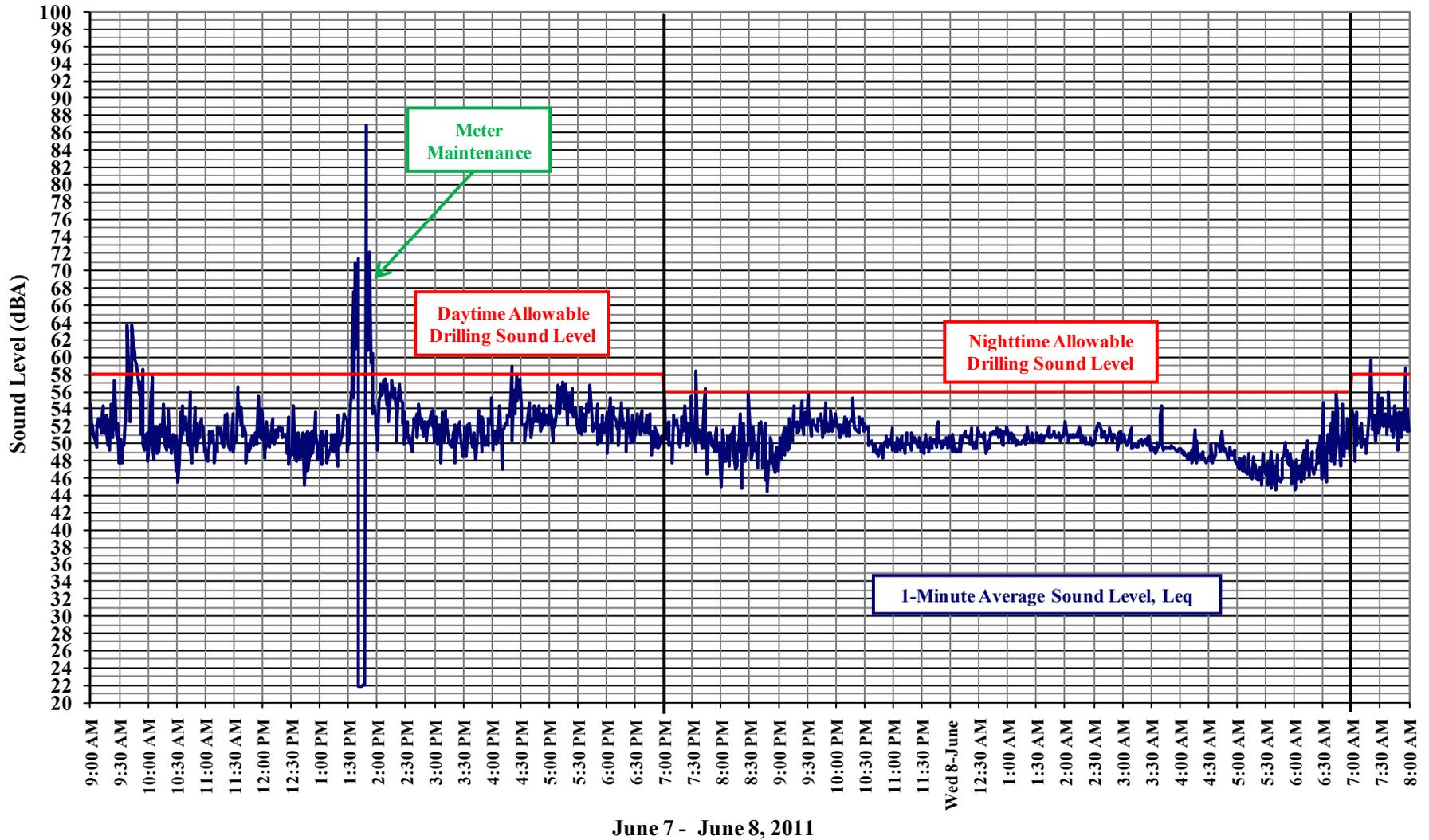


Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



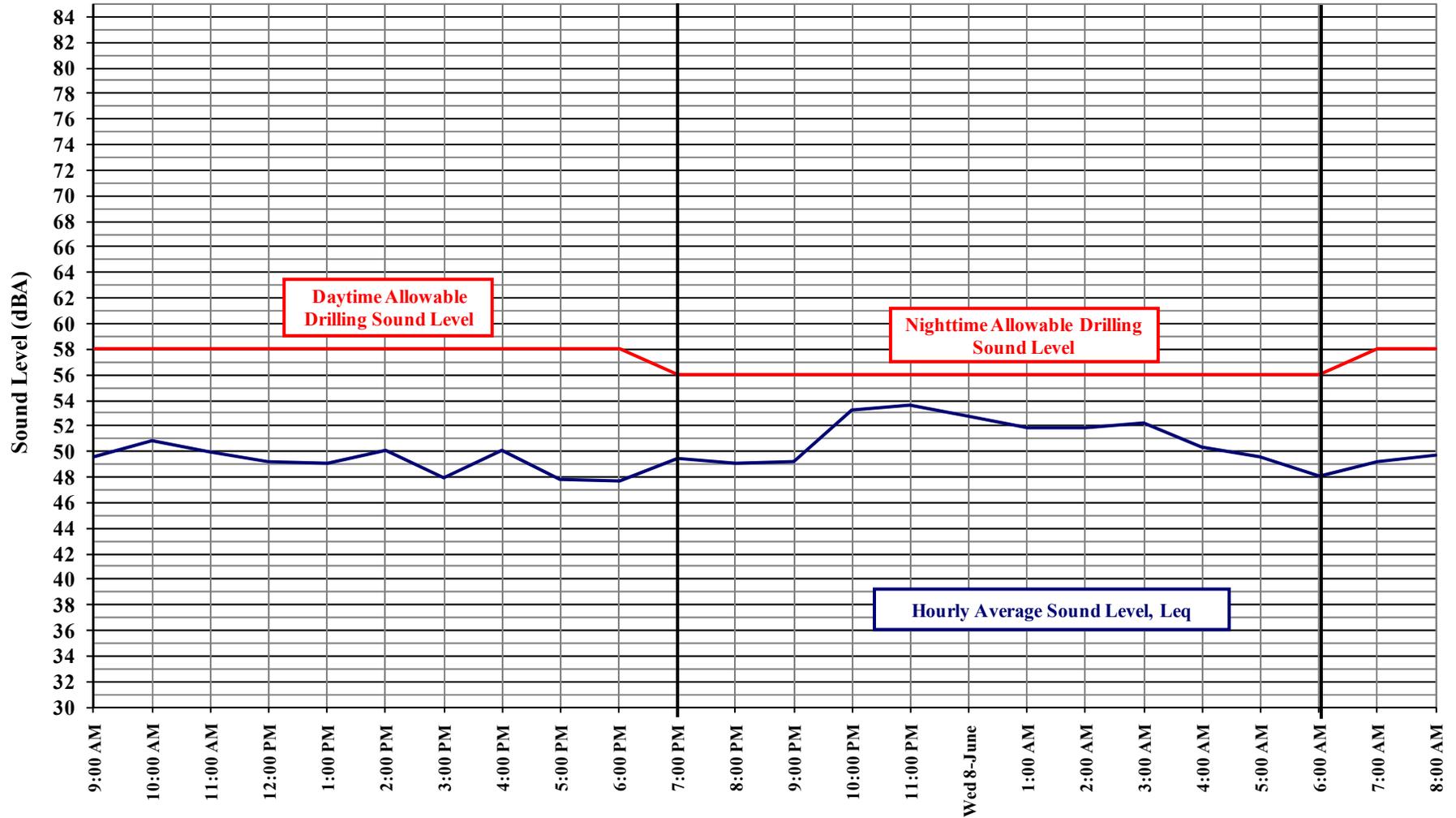


Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring





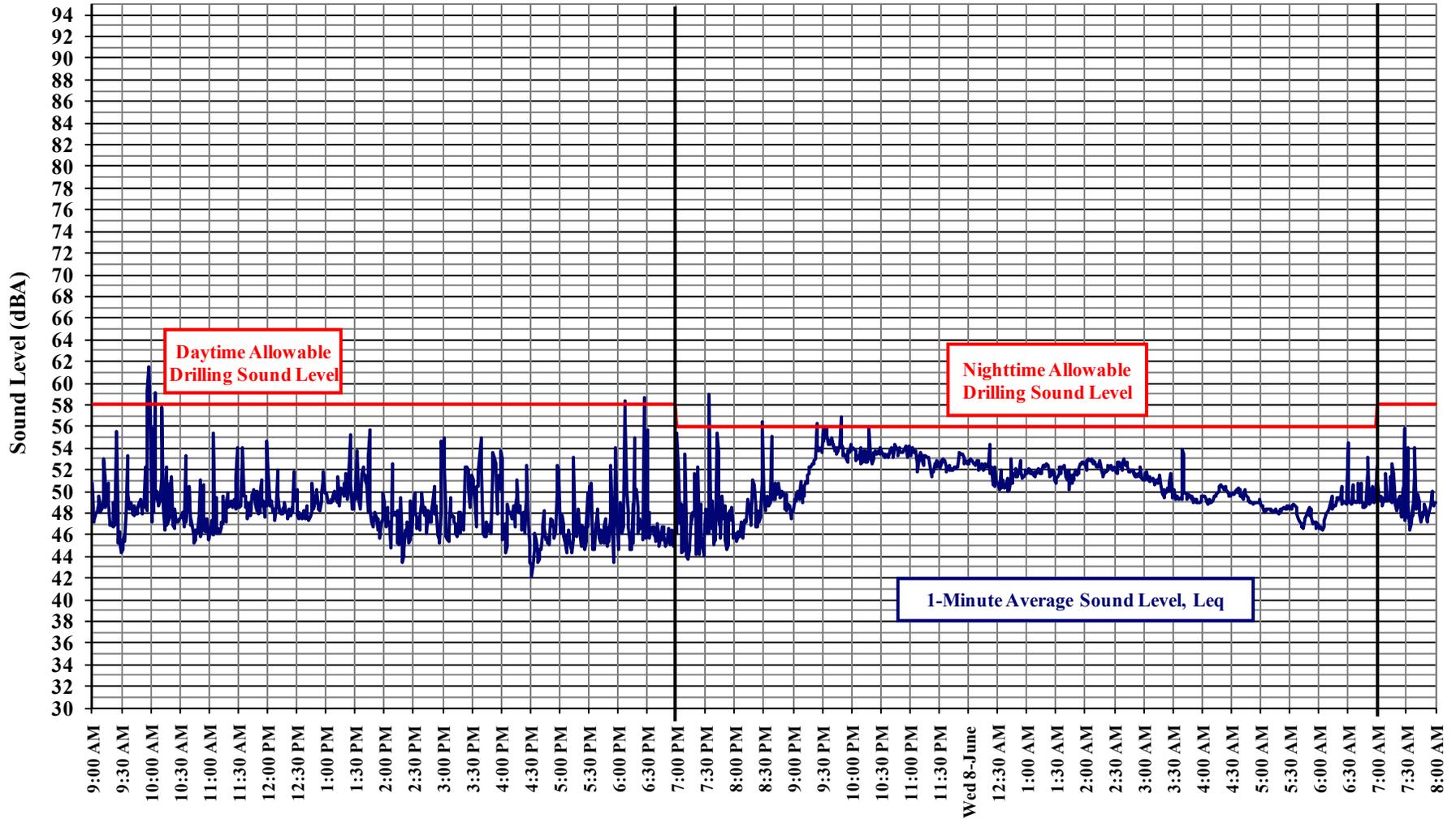
Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



June 7 - June 8, 2011



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



June 7 - June 8, 2011

Behrens and Associates, Inc.

Environmental Noise Control



June 9, 2011

Titan Operating, LLC
111 West 4th 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, June 8, to Thursday, June 9, 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 2:00 PM – 3:00 PM on Wednesday, June 8, 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,

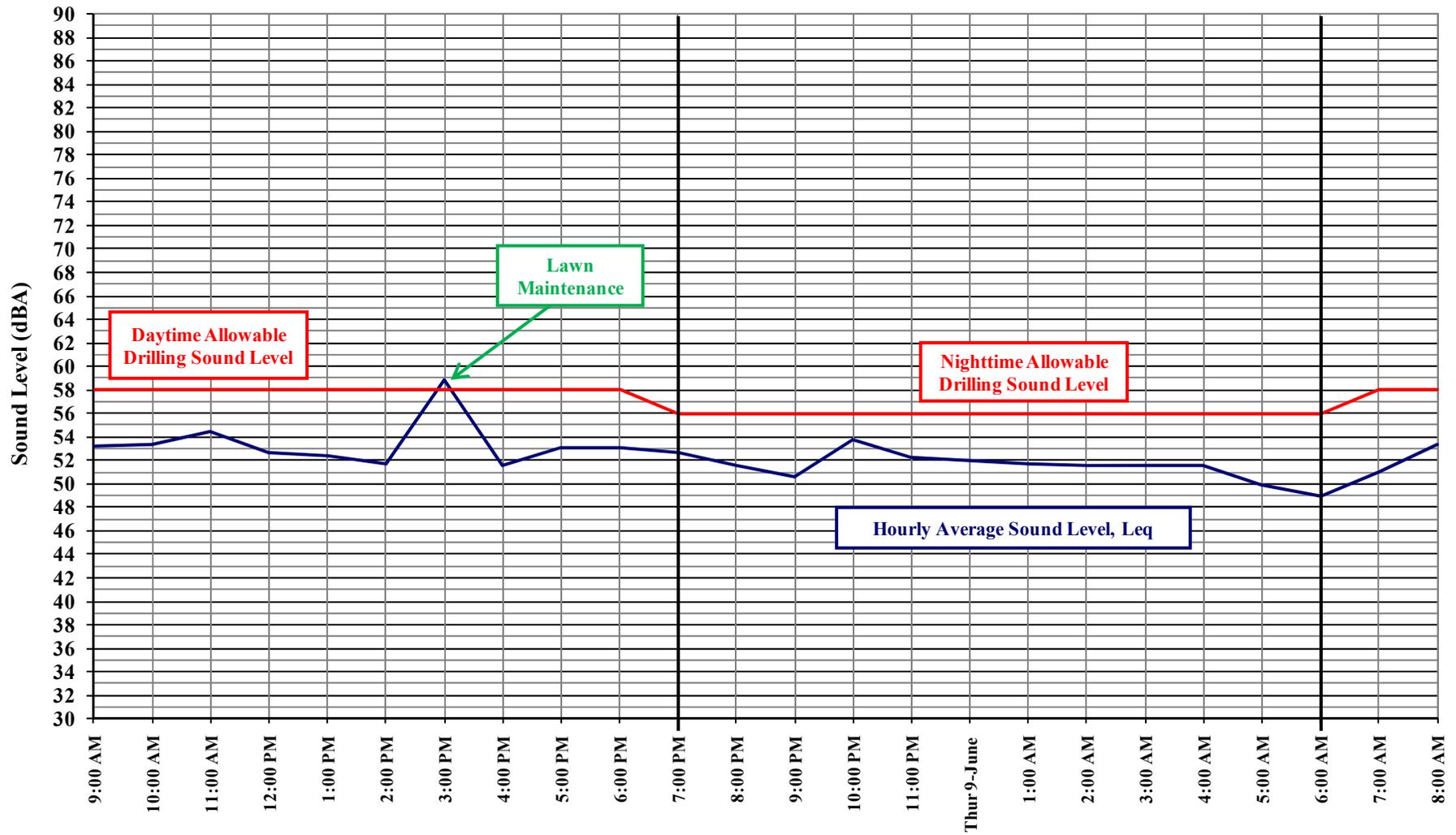
Don Behrens
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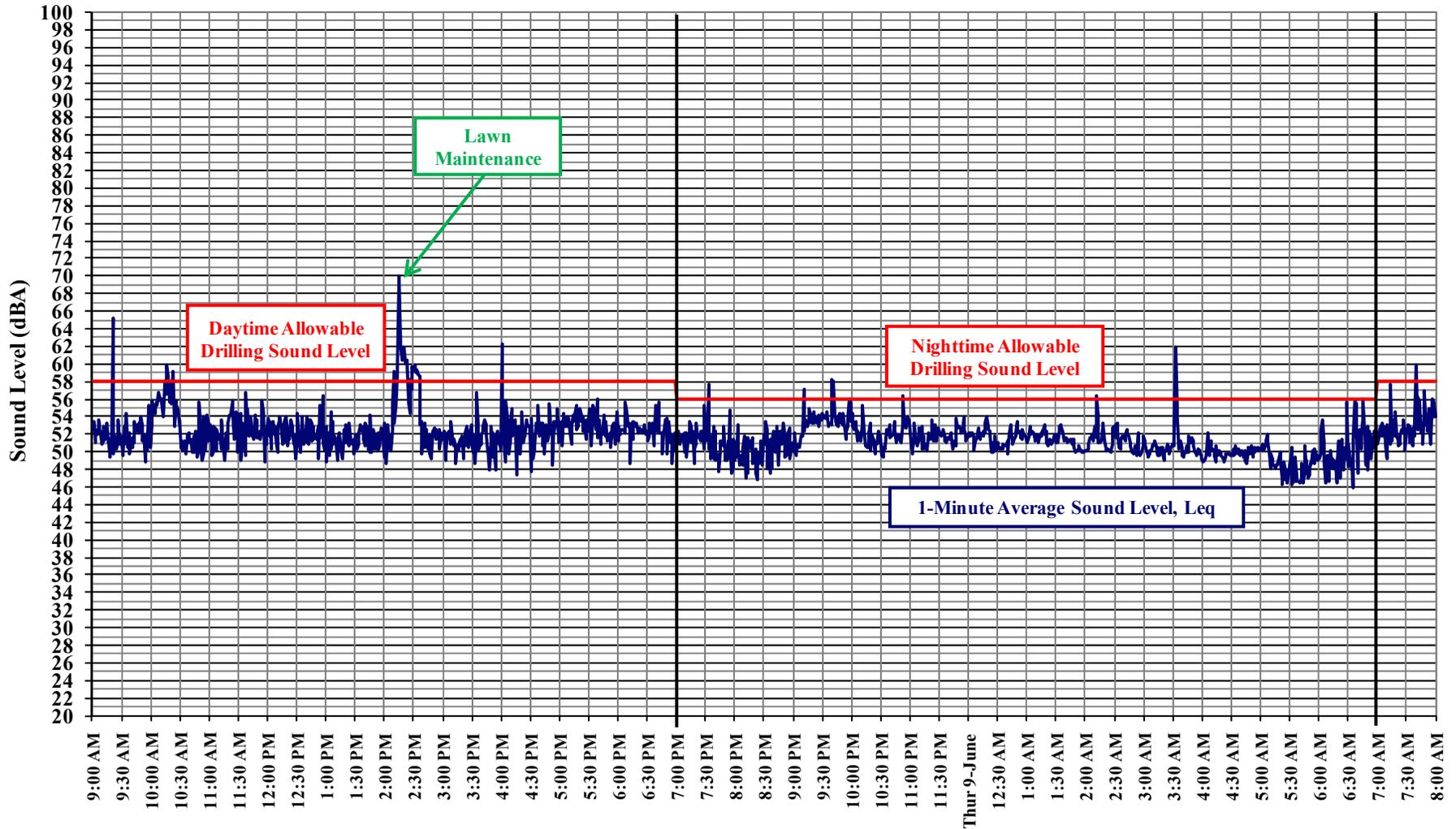
Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



June 8 - June 9, 2011



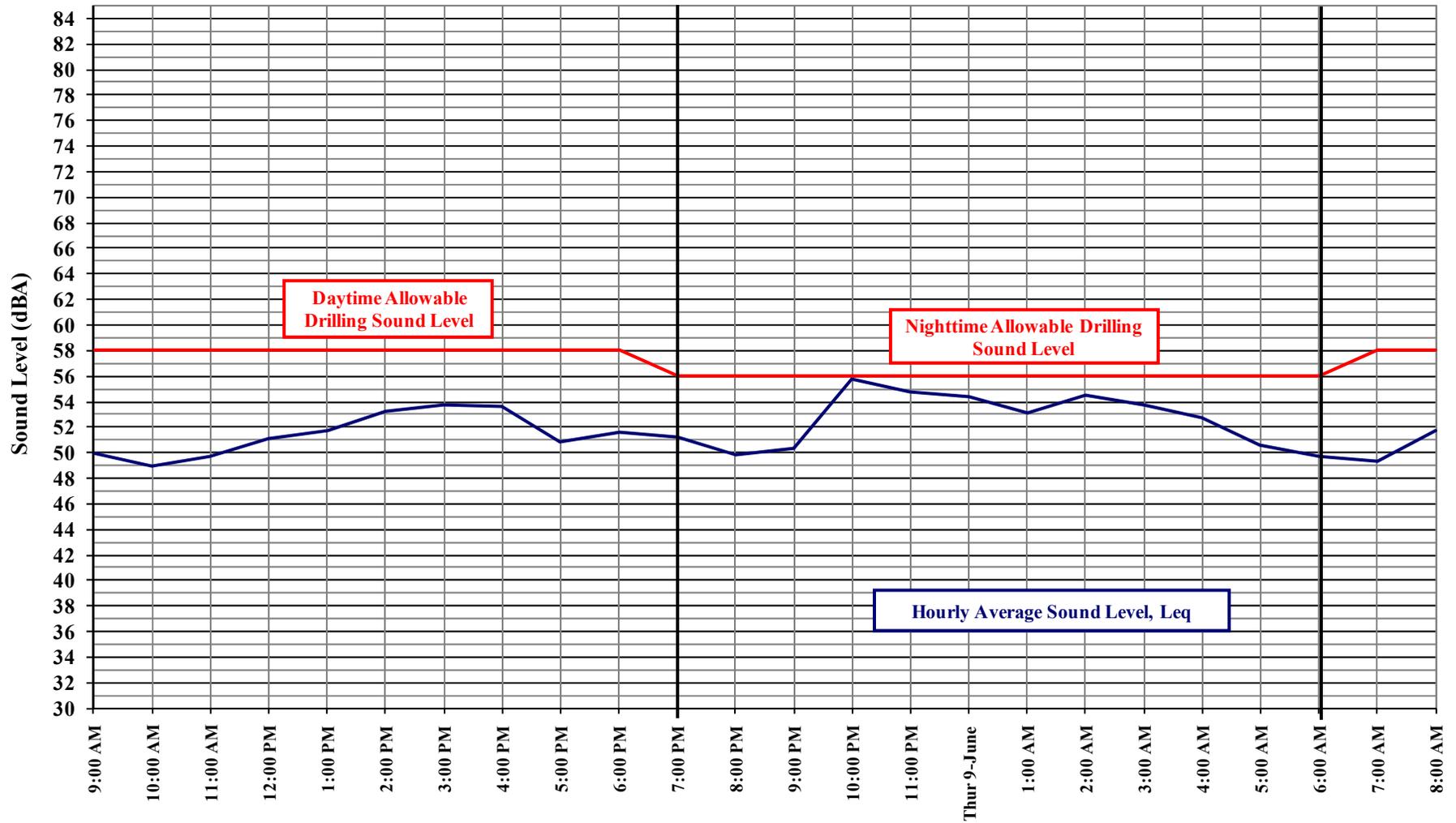
Titan Operating TCC 1H Drill Site - Monitoring Location #1 Continuous Sound Level Monitoring



June 8 - June 9, 2011



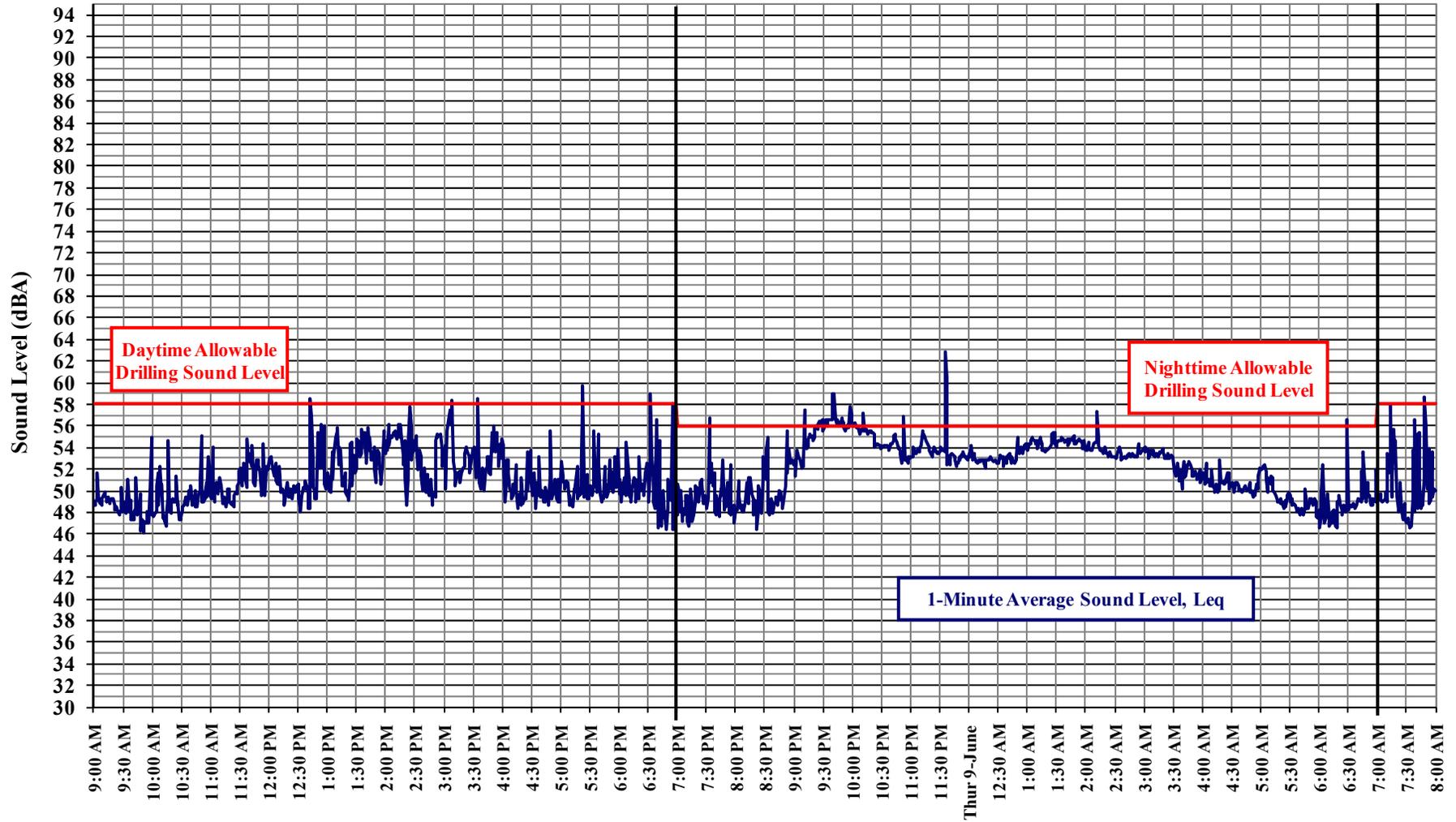
Titan Operating TCC 1H Drill Site - Monitoring Location #2 Continuous Sound Level Monitoring



June 8 - June 9, 2011



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



June 8 - June 9, 2011