

Environmental Protection Licence No 20532

- Silo Fumigation Post Commissioning Report

Introduction.

This report has been written to record the commissioning of the fumigation systems for the Quattro grain terminal. The grain terminal has 2 type of silo:

- 9 elevated cone bottom silos of approx. 2100 Tonne, 6 of which are fitted with fumigation equipment.
- 8 flat bottom silos of 10,000 Tonne, 4 of which are fitted with fumigation equipment.

The initial commissioning was carried out on one of each type. The 2100 t silo was silo number CL201 and the 10,000 t silo was silo number CL104. Reports on both these fumigations were submitted previously, refer Background section below.

Following the initial fumigation, improvements were made to the fumigation system and a further 2 No silos, 1 No 10,000t silo – CL104 and 1 No 2,100t silo – CL203 were fumigated to prove the system. These fumigations were completed between 28th April and 7th May 2016, with further details of this fumigation included in this report.

The fumigant designed to be used is Methyl Bromide (CH₃Br).

Background

The fumigations at Quattro Ports are being performed under Environmental Protection Licence (EPL) No. 20532, Anniversary Date: 22nd December 2015. And Variation Notices No.1536691, received 8th January 2016, and No. 1539156, received 22nd March 2016.

The first two (2) silos were fumigated during the initial commissioning of the fumigation system, between the 10th February and the 24th February 2016. During these fumigations, issues were experienced with the methyl Bromide sensors failing and the fumigation needed to be purged manually. The following Commissioning Reports and Incident Report were submitted to record these events.

- Silo Fumigation Commissioning Report – Silo CL201, on 19th February 2016
- Silo Fumigation Commissioning Report – Silo CL104, on 25th February 2016, and
- Incident Report – Conditions L2.1 and L2.2 – Quattro Ports Terminal – 10 February to 24 February 2016, on 17th March 2016.

Following the first two fumigations, modifications were made to the fumigation system to improve the performance and reliability of the sensors and sampling equipment. These changes were noted in the Incident Report – Conditions L2.1 and L2.2, and included:

- The LO level sensor is proposed to change to a PID sensor, this type of sensor is less prone to saturation and the resulting failure. It will also have a wider sample range, 0-1000ppm as opposed to the current 0-200ppm. The details of this sensor were submitted to EPA on Monday 7th March.

- An additional circulation pump for the fumigant sample. This new pump allowed the gas in the sample lines to be changed 8-10 times quicker than the current pump, thus allowing a decreased interval between gas concentration testing.
- The installation of improved moisture traps in the sample line before the sensors. The moisture traps are a Perma Pure design, which provide a more reliable protection of the sensors.

It was proposed to make changes to the initial purge velocities, but this was not required with the EPL Variation Notice No 1539156, permitting the average Flux to calculate over a 1 hour period. Additional changes were made to the PLC control system, to allow & record the Initial Purge mode, and for the control of the above equipment changes.

Commissioning.

Similar to the initial fumigations, the process was recorded on a Wet Commissioning Check sheet. This document provides the process for checks and steps to take, at each part of the fumigation process.

The check sheet was broken into the 4 main steps as follows.

- Part 1 describes the initial requirements and dry commissioning. Certain test records are required to be taken before the silo is filled.
- Part 2 is the requirements and steps for the dosing of the CH₃Br into the silo.
- Part 3 is the holding or "Fumigation" steps.
- Part 4 is the purging or venting of the silo.

The check sheets are available for review, if required.

Weather data is also required and as part of the fumigation the weather station data is to be logged. The weather data logger has been combined with the Fumigation Gas Reading Log, refer attached.

Commissioning of Silo CL104

Thursday 28/4/16

Prechecks

- Fumigation pre-checks, including weather station checks and silo pressure testing were completed prior to the fumigation commencing.

Dosing

- Fumigant Dosing started at 12.13pm and was completed at 3.30pm.
- Concentration to be 32 g/m³. (Total of 397 kg of 100% Methyl Bromide)
- 4.30pm High range sensor showed 36 g/m³ @ 4.30pm
- 5.24pm Uniphos handheld monitor was used to verify the sample reading, sensors within +/- 2g/m³, so OK.

Purging

- Initial purging commenced at 3.30pm on 29th April.
- Final Fumigation gas concentration reading was 12.7g/m³
- Initial Purge stage was continued past the 1 hour, whilst representatives from the sensor supplier Uniphos monitored the sensor performance.
- The purge was paused at 6.03pm, so that purging could be continued and monitored the next morning.
- Initial Purging recommenced at 7.07am on 30th April. And advanced to Purge mode at 8.19am.
- 3.57pm on 30th April, Exceedance of the emission flux was recorded, when the PLC control positioned the modulating valve, using the previous sample recording.
 - o Incident Report for this exceedance was submitted on 2nd May 2016
- 4.32pm on 30th April, Purge recommenced after Control system corrected.
- 6.40pm on 2nd May, Purge cleared.

Commissioning of Silo CL203

Wednesday 4/5/16

Prechecks

- Fumigation pre-checks, including weather station checks and silo pressure testing were completed prior to the fumigation commencing.

Dosing

- Fumigant Dosing started at 2.15pm and was completed at 3.00pm.
- Concentration to be 32 g/m³. (Total of 86 kg of 100% Methyl Bromide)
- 4.04pm High range sensor showed 58 g/m³

Purging

- Initial purging commenced at 3.20pm on 5th May.
- Final Fumigation gas concentration reading was 16.311g/m³
- The purge was paused at 8.45pm, so that purging could be continued and monitored the next morning.
- Initial Purging recommenced at 9.30am on 6th May. And advanced to Purge mode at 10.30am.
- 8.22 am on 7th May Purge cleared.

Issues Encountered and Successfully Resolved

During the fumigation of the 4No silos the follow issues have been encountered and successfully resolved.

Sensor reliability

- The LO level sensor was changed to a PID type sensor after the initial 2No fumigations. This sensor performed well in the recent fumigations, giving accurate results, as verified by the handheld monitor.

Turnover of Sample

- The additional recirculation pump was installed and provided greater turnover of sample gas, thus allowing the interval between subsequent test samples to be reduced.

Saturation of Sample

- There was a concern from the initial two fumigations that moisture in the sample lines may be affecting the HI level sensor reading. Improved moisture traps were installed, replacing the previous inline disposable filters. These moisture traps were run continuously during the fumigation and no issues due to moisture within the sample line were experienced.

Early Emission Rates

- During the initial fumigations a high gas reading was recorded during the initial purge. This was addressed through the installation of an Initial Purge Mode to clear the ducting and by providing a better sealing of the modulating valve. The step increments for opening the modulating valve were also reduced, to give greater control of the gas emissions during the early stages of the Purge mode. These changes were successful, as early emissions during the recent fumigation were within the EPL limits

PLC Reaction Time

- This issue was encountered during the fumigation of CL104 from the 28th April, and resulted in the exceedance of the emission limit, an incident Report was issued on 2nd May. The reason for the exceedance was the PLC reaction time was too quick, and positioned the modulating valve from the gas sample reading recorded 12minutes earlier. The fumigation was paused, whilst this issue was corrected, and the purge was recommenced. The PLC operator completed checks and confirmed these changes were successful.

Consistent Sample Readings

- During the recent fumigation it was necessary to modify the recirculation and sample pump run times to give a more consistent reading. The sample pump run time was increased to 2 minutes.

Results

Both silos, CL104 and CL203 have been successfully fumigated for insects. Refer the fumigator issued certificates.

The purging of both silos was successfully controlled automatically by the sampling panel sensors and the PLC system

Fumigation Gas Reading Logs for both fumigations are attached.

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| Silo | Gas Reading Date | Gas Reading mg/l | Stack Flow Rate l/s | Exhaust Flux g/s | Average Hourly Exhaust Flux g/s | Fumigation State | Wind Speed m/s | Direction ° | Notes |
|--------------------|---------------------|------------------|---------------------|------------------|---------------------------------|------------------|----------------|-------------|------------------|
| Silo: CL104 | | | | | | | | | |
| | 28/04/2016 12:19 PM | 0.51 | 0 | 0.000 | | Dosing | 0.7 | 25 | Dosing commenced |
| | 28/04/2016 12:31 PM | 0 | 0 | 0.000 | | Dosing | 0.2 | 13 | |
| | 28/04/2016 12:43 PM | 0.097 | 0 | 0.000 | | Dosing | 2.2 | 35 | |
| | 28/04/2016 12:55 PM | 0 | 0 | 0.000 | | Dosing | 1.2 | 23 | |
| | 28/04/2016 01:07 PM | 0 | 0 | 0.000 | | Dosing | 2.5 | 20 | |
| | 28/04/2016 01:19 PM | 0.097 | 0 | 0.000 | | Dosing | 2.5 | 1 | |
| | 28/04/2016 01:31 PM | 0 | 0 | 0.000 | | Dosing | 1.3 | 55 | |
| | 28/04/2016 01:43 PM | 0.922 | 0 | 0.000 | | Dosing | 1.5 | 42 | |
| | 28/04/2016 01:55 PM | 0 | 0 | 0.000 | | Dosing | 2.6 | 6 | |
| | 28/04/2016 02:07 PM | 0 | 0 | 0.000 | | Dosing | 2.3 | 6 | |
| | 28/04/2016 02:19 PM | 0.825 | 0 | 0.000 | | Dosing | 2.2 | 8 | |
| | 28/04/2016 02:31 PM | 0.024 | 0 | 0.000 | | Dosing | 2.2 | 7 | |
| | 28/04/2016 02:43 PM | 0 | 0 | 0.000 | | Dosing | 2.9 | 27 | |
| | 28/04/2016 02:55 PM | 0.655 | 0 | 0.000 | | Dosing | 2.7 | 4 | |
| | 28/04/2016 03:07 PM | 0.049 | 0 | 0.000 | | Dosing | 2.9 | 35 | |
| | 28/04/2016 03:19 PM | 0.243 | 0 | 0.000 | | Dosing | 2.9 | 0 | |
| | 28/04/2016 03:32 PM | 0.121 | 0 | 0.000 | | Dosing | 2.8 | 46 | |
| | 28/04/2016 03:44 PM | 0 | 0 | 0.000 | | Dosing | 3.1 | 0 | |
| | 28/04/2016 03:56 PM | 0 | 0 | 0.000 | | Dosing | 2.6 | 42 | |
| | 28/04/2016 04:08 PM | 7.597 | 0 | 0.000 | | Dosing | 2.4 | 11 | |
| | 28/04/2016 04:20 PM | 3.374 | 0 | 0.000 | | Dosing | 3.1 | 18 | |
| | 28/04/2016 04:34 PM | 18.956 | 0 | 0.000 | | Dosing | 2.7 | 4 | Dosing completed |
| | 28/04/2016 04:42 PM | 35.218 | 0 | 0.000 | | Dosing | 2.8 | 0 | |
| | 28/04/2016 04:53 PM | 41.165 | 0 | 0.000 | | Fumigation | 3.1 | 15 | |
| | 28/04/2016 05:04 PM | 29.515 | 0 | 0.000 | | Fumigation | 3.1 | 359 | |
| | 28/04/2016 05:15 PM | 29.005 | 0 | 0.000 | | Fumigation | 2.5 | 8 | |
| | 28/04/2016 05:26 PM | 28.35 | 0 | 0.000 | | Fumigation | 2.4 | 356 | |
| | 28/04/2016 05:38 PM | 31.772 | 0 | 0.000 | | Fumigation | 2.1 | 345 | |

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| | | | | | | |
|---------------------|--------|---|-------|------------|-----|-----|
| 28/04/2016 05:50 PM | 47.476 | 0 | 0.000 | Fumigation | 1.2 | 38 |
| 28/04/2016 06:02 PM | 38.617 | 0 | 0.000 | Fumigation | 1.8 | 359 |
| 28/04/2016 06:14 PM | 32.209 | 0 | 0.000 | Fumigation | 2 | 13 |
| 28/04/2016 06:26 PM | 33.301 | 0 | 0.000 | Fumigation | 2 | 343 |
| 28/04/2016 06:38 PM | 26.99 | 0 | 0.000 | Fumigation | 2 | 309 |
| 28/04/2016 06:50 PM | 26.772 | 0 | 0.000 | Fumigation | 1.3 | 359 |
| 28/04/2016 07:02 PM | 31.019 | 0 | 0.000 | Fumigation | 1.2 | 347 |
| 28/04/2016 07:14 PM | 34.126 | 0 | 0.000 | Fumigation | 0.3 | 325 |
| 28/04/2016 07:26 PM | 32.864 | 0 | 0.000 | Fumigation | 0.5 | 312 |
| 28/04/2016 07:38 PM | 33.058 | 0 | 0.000 | Fumigation | 0 | 270 |
| 28/04/2016 07:50 PM | 34.272 | 0 | 0.000 | Fumigation | 0 | 270 |
| 28/04/2016 08:02 PM | 29.296 | 0 | 0.000 | Fumigation | 0.6 | 308 |
| 28/04/2016 08:14 PM | 24.539 | 0 | 0.000 | Fumigation | 1.3 | 302 |
| 28/04/2016 08:26 PM | 27.184 | 0 | 0.000 | Fumigation | 1.7 | 280 |
| 28/04/2016 08:38 PM | 25.971 | 0 | 0.000 | Fumigation | 0 | 302 |
| 28/04/2016 08:50 PM | 25.583 | 0 | 0.000 | Fumigation | 0 | 302 |
| 28/04/2016 09:02 PM | 35.704 | 0 | 0.000 | Fumigation | 0 | 302 |
| 28/04/2016 09:15 PM | 23.592 | 0 | 0.000 | Fumigation | 0 | 302 |
| 28/04/2016 09:27 PM | 25.146 | 0 | 0.000 | Fumigation | 0 | 302 |
| 28/04/2016 09:39 PM | 35.437 | 0 | 0.000 | Fumigation | 0.8 | 352 |
| 28/04/2016 09:51 PM | 17.379 | 0 | 0.000 | Fumigation | 0 | 354 |
| 28/04/2016 10:03 PM | 32.573 | 0 | 0.000 | Fumigation | 2.2 | 28 |
| 28/04/2016 10:15 PM | 24.369 | 0 | 0.000 | Fumigation | 0.4 | 30 |
| 28/04/2016 10:27 PM | 22.33 | 0 | 0.000 | Fumigation | 1.7 | 14 |
| 28/04/2016 10:39 PM | 20.534 | 0 | 0.000 | Fumigation | 1.9 | 352 |
| 28/04/2016 10:51 PM | 24.345 | 0 | 0.000 | Fumigation | 1.7 | 15 |
| 28/04/2016 11:03 PM | 22.087 | 0 | 0.000 | Fumigation | 1.6 | 11 |
| 28/04/2016 11:15 PM | 24.636 | 0 | 0.000 | Fumigation | 1.2 | 39 |
| 28/04/2016 11:27 PM | 23.374 | 0 | 0.000 | Fumigation | 1.1 | 323 |
| 28/04/2016 11:39 PM | 22.16 | 0 | 0.000 | Fumigation | 0 | 8 |
| 28/04/2016 11:51 PM | 22.403 | 0 | 0.000 | Fumigation | 0.4 | 4 |
| 29/04/2016 12:03 AM | 24.126 | 0 | 0.000 | Fumigation | 0.9 | 330 |

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| | | | | | | |
|---------------------|--------|---|-------|------------|-----|-----|
| 29/04/2016 12:15 AM | 21.383 | 0 | 0.000 | Fumigation | 0 | 329 |
| 29/04/2016 12:27 AM | 27.087 | 0 | 0.000 | Fumigation | 0 | 329 |
| 29/04/2016 12:39 AM | 21.117 | 0 | 0.000 | Fumigation | 0 | 283 |
| 29/04/2016 12:51 AM | 23.325 | 0 | 0.000 | Fumigation | 0.7 | 42 |
| 29/04/2016 01:03 AM | 18.155 | 0 | 0.000 | Fumigation | 0 | 42 |
| 29/04/2016 01:15 AM | 21.092 | 0 | 0.000 | Fumigation | 0 | 42 |
| 29/04/2016 01:27 AM | 24.636 | 0 | 0.000 | Fumigation | 0 | 18 |
| 29/04/2016 01:39 AM | 19.636 | 0 | 0.000 | Fumigation | 0 | 18 |
| 29/04/2016 01:51 AM | 19.66 | 0 | 0.000 | Fumigation | 0 | 323 |
| 29/04/2016 02:03 AM | 21.845 | 0 | 0.000 | Fumigation | 0 | 15 |
| 29/04/2016 02:15 AM | 15.534 | 0 | 0.000 | Fumigation | 0 | 15 |
| 29/04/2016 02:27 AM | 18.568 | 0 | 0.000 | Fumigation | 0 | 15 |
| 29/04/2016 02:39 AM | 26.893 | 0 | 0.000 | Fumigation | 0 | 339 |
| 29/04/2016 02:51 AM | 19.272 | 0 | 0.000 | Fumigation | 0 | 0 |
| 29/04/2016 03:03 AM | 16.481 | 0 | 0.000 | Fumigation | 0 | 325 |
| 29/04/2016 03:16 AM | 19.102 | 0 | 0.000 | Fumigation | 0 | 325 |
| 29/04/2016 03:28 AM | 18.204 | 0 | 0.000 | Fumigation | 0 | 325 |
| 29/04/2016 03:40 AM | 22.087 | 0 | 0.000 | Fumigation | 0 | 325 |
| 29/04/2016 03:52 AM | 26.869 | 0 | 0.000 | Fumigation | 0 | 325 |
| 29/04/2016 04:04 AM | 16.092 | 0 | 0.000 | Fumigation | 0 | 28 |
| 29/04/2016 04:16 AM | 19.806 | 0 | 0.000 | Fumigation | 0 | 28 |
| 29/04/2016 04:28 AM | 16.65 | 0 | 0.000 | Fumigation | 1.2 | 349 |
| 29/04/2016 04:40 AM | 20.995 | 0 | 0.000 | Fumigation | 1.2 | 53 |
| 29/04/2016 04:52 AM | 20.17 | 0 | 0.000 | Fumigation | 0.6 | 15 |
| 29/04/2016 05:04 AM | 17.767 | 0 | 0.000 | Fumigation | 0 | 8 |
| 29/04/2016 05:16 AM | 16.068 | 0 | 0.000 | Fumigation | 0 | 354 |
| 29/04/2016 05:28 AM | 18.981 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 05:40 AM | 16.723 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 05:52 AM | 20.364 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 06:04 AM | 16.068 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 06:16 AM | 17.063 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 06:28 AM | 16.092 | 0 | 0.000 | Fumigation | 0 | 48 |

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| | | | | | | |
|---------------------|--------|---|-------|------------|-----|-----|
| 29/04/2016 06:40 AM | 14.102 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 06:52 AM | 14.854 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 07:04 AM | 15.049 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 07:16 AM | 14.417 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 07:28 AM | 16.723 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 07:40 AM | 18.859 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 07:52 AM | 25.947 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 08:04 AM | 14.466 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 08:16 AM | 22.646 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 08:28 AM | 16.238 | 0 | 0.000 | Fumigation | 0 | 48 |
| 29/04/2016 08:40 AM | 15.898 | 0 | 0.000 | Fumigation | 0 | 18 |
| 29/04/2016 08:52 AM | 14.369 | 0 | 0.000 | Fumigation | 1.3 | 14 |
| 29/04/2016 09:04 AM | 14.806 | 0 | 0.000 | Fumigation | 1.5 | 10 |
| 29/04/2016 09:17 AM | 14.102 | 0 | 0.000 | Fumigation | 1.4 | 342 |
| 29/04/2016 09:29 AM | 14.66 | 0 | 0.000 | Fumigation | 2.5 | 32 |
| 29/04/2016 09:41 AM | 16.238 | 0 | 0.000 | Fumigation | 2.1 | 11 |
| 29/04/2016 09:53 AM | 15.34 | 0 | 0.000 | Fumigation | 2.4 | 23 |
| 29/04/2016 10:05 AM | 16.044 | 0 | 0.000 | Fumigation | 2.5 | 18 |
| 29/04/2016 10:17 AM | 21.019 | 0 | 0.000 | Fumigation | 2.4 | 32 |
| 29/04/2016 10:29 AM | 11.068 | 0 | 0.000 | Fumigation | 2.8 | 359 |
| 29/04/2016 10:41 AM | 13.35 | 0 | 0.000 | Fumigation | 3.1 | 15 |
| 29/04/2016 10:53 AM | 9.587 | 0 | 0.000 | Fumigation | 2.6 | 359 |
| 29/04/2016 11:05 AM | 9.83 | 0 | 0.000 | Fumigation | 2.3 | 353 |
| 29/04/2016 11:17 AM | 9.854 | 0 | 0.000 | Fumigation | 2.6 | 20 |
| 29/04/2016 11:29 AM | 18.762 | 0 | 0.000 | Fumigation | 3 | 7 |
| 29/04/2016 11:41 AM | 17.888 | 0 | 0.000 | Fumigation | 1.7 | 28 |
| 29/04/2016 11:53 AM | 11.044 | 0 | 0.000 | Fumigation | 2.4 | 11 |
| 29/04/2016 12:05 PM | 12.209 | 0 | 0.000 | Fumigation | 2.9 | 11 |
| 29/04/2016 12:17 PM | 9.83 | 0 | 0.000 | Fumigation | 2.4 | 13 |
| 29/04/2016 12:29 PM | 11.529 | 0 | 0.000 | Fumigation | 1.7 | 6 |
| 29/04/2016 12:41 PM | 20.121 | 0 | 0.000 | Fumigation | 1.5 | 37 |
| 29/04/2016 12:53 PM | 0.146 | 0 | 0.000 | Fumigation | 2.6 | 10 |

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| | | | | | | | | |
|---------------------|--------|------|-------|-------|-----------------|-----|-----|--------------------------|
| 29/04/2016 01:05 PM | 12.913 | 0 | 0.000 | | Fumigation | 2.9 | 44 | |
| 29/04/2016 01:17 PM | 17.16 | 0 | 0.000 | | Fumigation | 2.2 | 359 | |
| 29/04/2016 01:29 PM | 2.816 | 0 | 0.000 | | Fumigation | 2.5 | 14 | |
| 29/04/2016 01:41 PM | 17.476 | 0 | 0.000 | | Fumigation | 2.1 | 38 | |
| 29/04/2016 01:53 PM | 11.432 | 0 | 0.000 | | Fumigation | 2 | 31 | |
| 29/04/2016 02:04 PM | 20.121 | 0 | 0.000 | | Fumigation | 2.7 | 8 | |
| 29/04/2016 02:15 PM | 18.083 | 0 | 0.000 | | Fumigation | 2.7 | 28 | |
| 29/04/2016 02:26 PM | 0 | 0 | 0.000 | | Fumigation | 2.5 | 17 | |
| 29/04/2016 02:37 PM | 13.617 | 0 | 0.000 | | Fumigation | 2.7 | 359 | |
| 29/04/2016 02:48 PM | 13.859 | 0 | 0.000 | | Fumigation | 2.5 | 30 | |
| 29/04/2016 02:59 PM | 17.767 | 0 | 0.000 | | Fumigation | 2.8 | 359 | |
| 29/04/2016 03:11 PM | 17.257 | 0 | 0.000 | | Fumigation | 1.7 | 27 | |
| 29/04/2016 03:22 PM | 20.437 | 0 | 0.000 | | Fumigation | 2.5 | 7 | |
| 29/04/2016 03:33 PM | 12.767 | 0 | 0.000 | | Fumigation | 2.6 | 41 | |
| 29/04/2016 03:44 PM | 0.415 | 1696 | 0.704 | | Initial Purging | 1.6 | 7 | Initial purge commenced |
| 29/04/2016 03:55 PM | 0.095 | 1696 | 0.161 | | Initial Purging | 2.2 | 359 | |
| 29/04/2016 04:06 PM | 0 | 1696 | 0.000 | | Initial Purging | 1.9 | 30 | |
| 29/04/2016 04:17 PM | 0.065 | 1696 | 0.110 | | Initial Purging | 3.8 | 15 | |
| 29/04/2016 04:29 PM | 0.079 | 1696 | 0.134 | 0.232 | Initial Purging | 2.6 | 356 | |
| 29/04/2016 04:41 PM | 0.055 | 1696 | 0.093 | 0.100 | Initial Purging | 1.7 | 4 | |
| 29/04/2016 04:53 PM | 0.069 | 1696 | 0.117 | 0.091 | Initial Purging | 2.4 | 17 | |
| 29/04/2016 05:05 PM | 0.053 | 1696 | 0.090 | 0.109 | Initial Purging | 1.7 | 329 | |
| 29/04/2016 05:17 PM | 0.057 | 1696 | 0.097 | 0.106 | Initial Purging | 2.1 | 353 | |
| 29/04/2016 05:29 PM | 0.778 | 0 | 0.000 | 0.079 | Initial Purging | 2.4 | 10 | Fan stopped |
| 29/04/2016 05:41 PM | 0.068 | 1696 | 0.115 | 0.084 | Initial Purging | 2.1 | 359 | |
| 29/04/2016 05:53 PM | 0.056 | 1696 | 0.095 | 0.079 | Initial Purging | 0.6 | 333 | |
| 29/04/2016 06:05 PM | 0.041 | 1696 | 0.070 | 0.075 | Initial Purging | 0 | 359 | Purging paused overnight |
| 30/04/2016 07:07 AM | 0.059 | 1696 | 0.100 | | Initial Purging | 0 | 315 | |
| 30/04/2016 07:19 AM | 0.049 | 1696 | 0.083 | | Initial Purging | 0 | 315 | |
| 30/04/2016 07:31 AM | 0.044 | 1696 | 0.075 | | Initial Purging | 0 | 315 | |
| 30/04/2016 07:43 AM | 0.044 | 1696 | 0.075 | | Initial Purging | 1.8 | 302 | |
| 30/04/2016 07:55 AM | 0.038 | 1696 | 0.064 | 0.079 | Initial Purging | 0 | 224 | |

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| | | | | | | | |
|---------------------|-------|------|-------|-------|-----------------|-----|-----|
| 30/04/2016 08:07 AM | 0.033 | 1696 | 0.056 | 0.071 | Initial Purging | 0.6 | 257 |
| 30/04/2016 08:19 AM | 0.035 | 1696 | 0.059 | 0.066 | Purging | 0 | 280 |
| 30/04/2016 08:31 AM | 0.026 | 1696 | 0.044 | 0.060 | Purging | 0.3 | 218 |
| 30/04/2016 08:43 AM | 0.041 | 1696 | 0.070 | 0.059 | Purging | 0 | 311 |
| 30/04/2016 08:55 AM | 0.025 | 1696 | 0.042 | 0.054 | Purging | 0 | 246 |
| 30/04/2016 09:08 AM | 0.025 | 1696 | 0.042 | 0.052 | Purging | 0 | 242 |
| 30/04/2016 09:20 AM | 0.027 | 1696 | 0.046 | 0.049 | Purging | 0.7 | 322 |
| 30/04/2016 09:32 AM | 0.026 | 1696 | 0.044 | 0.049 | Purging | 0.1 | 224 |
| 30/04/2016 09:44 AM | 0.021 | 1696 | 0.036 | 0.042 | Purging | 0 | 122 |
| 30/04/2016 09:56 AM | 0.022 | 1696 | 0.037 | 0.041 | Purging | 1 | 107 |
| 30/04/2016 10:08 AM | 0.032 | 1696 | 0.054 | 0.043 | Purging | 0.2 | 101 |
| 30/04/2016 10:20 AM | 0.026 | 1696 | 0.044 | 0.043 | Purging | 0 | 35 |
| 30/04/2016 10:32 AM | 0.022 | 1696 | 0.037 | 0.042 | Purging | 0.5 | 44 |
| 30/04/2016 10:44 AM | 0 | 1696 | 0.000 | 0.035 | Purging | 1.4 | 15 |
| 30/04/2016 10:56 AM | 0.001 | 1696 | 0.002 | 0.027 | Purging | 0.9 | 37 |
| 30/04/2016 11:08 AM | 0.025 | 1696 | 0.042 | 0.025 | Purging | 1.2 | 28 |
| 30/04/2016 11:20 AM | 0.027 | 1696 | 0.046 | 0.025 | Purging | 0.7 | 42 |
| 30/04/2016 11:32 AM | 0.013 | 1696 | 0.022 | 0.022 | Purging | 1 | 6 |
| 30/04/2016 11:44 AM | 0.02 | 1696 | 0.034 | 0.029 | Purging | 0 | 15 |
| 30/04/2016 11:56 AM | 0.016 | 1696 | 0.027 | 0.034 | Purging | 0.5 | 35 |
| 30/04/2016 12:08 PM | 0.028 | 1696 | 0.047 | 0.035 | Purging | 1.6 | 115 |
| 30/04/2016 12:20 PM | 0 | 1696 | 0.000 | 0.026 | Purging | 2.3 | 138 |
| 30/04/2016 12:32 PM | 0.062 | 1696 | 0.105 | 0.043 | Purging | 2.6 | 134 |
| 30/04/2016 12:44 PM | 0.084 | 1696 | 0.142 | 0.064 | Purging | 1.7 | 132 |
| 30/04/2016 12:56 PM | 0.1 | 1696 | 0.170 | 0.093 | Purging | 2.2 | 117 |
| 30/04/2016 01:08 PM | 0.105 | 1696 | 0.178 | 0.119 | Purging | 0.1 | 52 |
| 30/04/2016 01:20 PM | 0.119 | 1696 | 0.202 | 0.159 | Purging | 0 | 82 |
| 30/04/2016 01:32 PM | 0.11 | 1696 | 0.187 | 0.176 | Purging | 1.1 | 114 |
| 30/04/2016 01:44 PM | 0.123 | 1696 | 0.209 | 0.189 | Purging | 0 | 44 |
| 30/04/2016 01:56 PM | 0.123 | 1696 | 0.209 | 0.197 | Purging | 0.8 | 28 |
| 30/04/2016 02:08 PM | 0.126 | 1696 | 0.214 | 0.204 | Purging | 1.9 | 18 |
| 30/04/2016 02:20 PM | 0.118 | 1696 | 0.200 | 0.204 | Purging | 1.4 | 6 |

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| | | | | | | | | |
|---------------------|-------|------|-------|-------|-----------------|-----|-----|--------------------------------------------------------------|
| 30/04/2016 02:32 PM | 0.132 | 1696 | 0.224 | 0.211 | Purging | 1.4 | 345 | |
| 30/04/2016 02:44 PM | 0.124 | 1696 | 0.210 | 0.211 | Purging | 2.3 | 7 | |
| 30/04/2016 02:56 PM | 0.141 | 1696 | 0.239 | 0.217 | Purging | 1.8 | 52 | |
| 30/04/2016 03:09 PM | 0.778 | 1696 | 1.319 | 0.439 | Purging | 2.3 | 1 | Mod valve open 100% |
| 30/04/2016 03:21 PM | 0.778 | 1696 | 1.319 | 0.662 | Purging | 2.3 | 359 | PLC timing error - no step closure of Mod valve |
| 30/04/2016 03:33 PM | 0.147 | 1696 | 0.249 | 0.668 | Purging | 2.1 | 359 | Mod valve closed to 75% |
| 30/04/2016 03:45 PM | 0.127 | 1696 | 0.215 | 0.669 | Purging | 1.5 | 28 | Mod valve closed to 50% |
| 30/04/2016 03:57 PM | 0.778 | 1696 | 1.319 | 0.885 | Purging | | | PLC operator error - mod valve open 100%. Purging paused. |
| | | | | | | 2 | 14 | |
| 30/04/2016 04:32 PM | 0.033 | 1696 | 0.056 | | Initial Purging | 1.7 | 18 | Initial purging commenced after PLC corrected. |
| 30/04/2016 04:44 PM | 0 | 1696 | 0.000 | | Initial Purging | 2 | 14 | |
| 30/04/2016 04:56 PM | 0.023 | 1696 | 0.039 | | Initial Purging | 1.4 | 1 | |
| 30/04/2016 05:08 PM | 0 | 1696 | 0.000 | | Initial Purging | 2.7 | 32 | |
| 30/04/2016 05:20 PM | 0.019 | 1696 | 0.032 | 0.026 | Initial Purging | 1.3 | 359 | |
| 30/04/2016 05:32 PM | 0.054 | 1696 | 0.092 | 0.033 | Purging | 1.8 | 18 | |
| 30/04/2016 05:44 PM | 0.002 | 1696 | 0.003 | 0.033 | Purging | 1.4 | 352 | |
| 30/04/2016 05:56 PM | 0.057 | 1696 | 0.097 | 0.045 | Purging | 1.1 | 304 | Mod valve held at 75% open overnight |
| 30/04/2016 06:08 PM | 0.063 | 1696 | 0.107 | 0.066 | Purging | 1.3 | 359 | |
| 30/04/2016 06:20 PM | 0.058 | 1696 | 0.098 | 0.079 | Purging | 0 | 31 | |
| 30/04/2016 06:32 PM | 0.053 | 1696 | 0.090 | 0.079 | Purging | 1.4 | 328 | |
| 30/04/2016 06:44 PM | 0.054 | 1696 | 0.092 | 0.097 | Purging | 0 | 329 | |
| 30/04/2016 06:56 PM | 0.055 | 1696 | 0.093 | 0.096 | Purging | 2.2 | 329 | |
| 30/04/2016 07:08 PM | 0.043 | 1696 | 0.073 | 0.089 | Purging | 1.9 | 316 | |
| 30/04/2016 07:20 PM | 0.049 | 1696 | 0.083 | 0.086 | Purging | 2.1 | 311 | |
| 30/04/2016 07:32 PM | 0.047 | 1696 | 0.080 | 0.084 | Purging | 2.6 | 323 | |
| 30/04/2016 07:44 PM | 0.001 | 1696 | 0.002 | 0.066 | Purging | 2.8 | 298 | |
| 30/04/2016 07:57 PM | 0.049 | 1696 | 0.083 | 0.064 | Purging | 3.4 | 330 | |
| 30/04/2016 08:09 PM | 0.054 | 1696 | 0.092 | 0.068 | Purging | 3.1 | 322 | |
| 30/04/2016 08:21 PM | 0.053 | 1696 | 0.090 | 0.069 | Purging | 2.6 | 336 | |
| 30/04/2016 08:33 PM | 0.047 | 1696 | 0.080 | 0.069 | Purging | 3.2 | 325 | |
| 30/04/2016 08:45 PM | 0.06 | 1696 | 0.102 | 0.089 | Purging | 2.4 | 359 | |
| 30/04/2016 08:57 PM | 0.049 | 1696 | 0.083 | 0.089 | Purging | 3.1 | 307 | |

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| | | | | | | | |
|---------------------|-------|------|-------|-------|---------|-----|-----|
| 30/04/2016 09:09 PM | 0.047 | 1696 | 0.080 | 0.087 | Purging | 3.1 | 1 |
| 30/04/2016 09:21 PM | 0.042 | 1696 | 0.071 | 0.083 | Purging | 1.7 | 314 |
| 30/04/2016 09:33 PM | 0.038 | 1696 | 0.064 | 0.080 | Purging | 1.7 | 332 |
| 30/04/2016 09:45 PM | 0.034 | 1696 | 0.058 | 0.071 | Purging | 3.3 | 314 |
| 30/04/2016 09:57 PM | 0.035 | 1696 | 0.059 | 0.066 | Purging | 3.2 | 325 |
| 30/04/2016 10:09 PM | 0.028 | 1696 | 0.047 | 0.060 | Purging | 0 | 336 |
| 30/04/2016 10:21 PM | 0.028 | 1696 | 0.047 | 0.055 | Purging | 0 | 359 |
| 30/04/2016 10:33 PM | 0.033 | 1696 | 0.056 | 0.054 | Purging | 0 | 359 |
| 30/04/2016 10:45 PM | 0.027 | 1696 | 0.046 | 0.051 | Purging | 1.5 | 347 |
| 30/04/2016 10:57 PM | 0.021 | 1696 | 0.036 | 0.046 | Purging | 0 | 326 |
| 30/04/2016 11:09 PM | 0.029 | 1696 | 0.049 | 0.047 | Purging | 1.7 | 242 |
| 30/04/2016 11:21 PM | 0.017 | 1696 | 0.029 | 0.043 | Purging | 0.2 | 226 |
| 30/04/2016 11:33 PM | 0.018 | 1696 | 0.031 | 0.038 | Purging | 1.7 | 312 |
| 30/04/2016 11:45 PM | 0.021 | 1696 | 0.036 | 0.036 | Purging | 2.9 | 301 |
| 30/04/2016 11:57 PM | 0.014 | 1696 | 0.024 | 0.034 | Purging | 2.1 | 283 |
| 01/05/2016 12:09 AM | 0.016 | 1696 | 0.027 | 0.029 | Purging | 0.8 | 293 |
| 01/05/2016 12:21 AM | 0.017 | 1696 | 0.029 | 0.029 | Purging | 2.3 | 246 |
| 01/05/2016 12:33 AM | 0.013 | 1696 | 0.022 | 0.027 | Purging | 0 | 346 |
| 01/05/2016 12:45 AM | 0.016 | 1696 | 0.027 | 0.026 | Purging | 0 | 346 |
| 01/05/2016 12:57 AM | 0.013 | 1696 | 0.022 | 0.025 | Purging | 0 | 346 |
| 01/05/2016 01:09 AM | 0.011 | 1696 | 0.019 | 0.024 | Purging | 0 | 321 |
| 01/05/2016 01:21 AM | 0.008 | 1696 | 0.014 | 0.021 | Purging | 0.8 | 13 |
| 01/05/2016 01:33 AM | 0.01 | 1696 | 0.017 | 0.020 | Purging | 0 | 349 |
| 01/05/2016 01:45 AM | 0.013 | 1696 | 0.022 | 0.019 | Purging | 0 | 349 |
| 01/05/2016 01:58 AM | 0.008 | 1696 | 0.014 | 0.017 | Purging | 0.7 | 150 |
| 01/05/2016 02:10 AM | 0.007 | 1696 | 0.012 | 0.016 | Purging | 1 | 290 |
| 01/05/2016 02:22 AM | 0.008 | 1696 | 0.014 | 0.016 | Purging | 0 | 290 |
| 01/05/2016 02:34 AM | 0.004 | 1696 | 0.007 | 0.014 | Purging | 0 | 290 |
| 01/05/2016 02:46 AM | 0.004 | 1696 | 0.007 | 0.011 | Purging | 0 | 290 |
| 01/05/2016 02:58 AM | 0.007 | 1696 | 0.012 | 0.010 | Purging | 0.8 | 14 |
| 01/05/2016 03:10 AM | 0.004 | 1696 | 0.007 | 0.009 | Purging | 1.4 | 11 |
| 01/05/2016 03:22 AM | 0.004 | 1696 | 0.007 | 0.008 | Purging | 0 | 1 |

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| | | | | | | | |
|---------------------|-------|------|-------|-------|---------|-----|-----|
| 01/05/2016 03:34 AM | 0.006 | 1696 | 0.010 | 0.008 | Purging | 0 | 30 |
| 01/05/2016 03:46 AM | 0.004 | 1696 | 0.007 | 0.008 | Purging | 1.1 | 191 |
| 01/05/2016 03:58 AM | 0.003 | 1696 | 0.005 | 0.007 | Purging | 0.1 | 104 |
| 01/05/2016 04:10 AM | 0.003 | 1696 | 0.005 | 0.007 | Purging | 0 | 104 |
| 01/05/2016 04:22 AM | 0.001 | 1696 | 0.002 | 0.006 | Purging | 0 | 104 |
| 01/05/2016 04:34 AM | 0.002 | 1696 | 0.003 | 0.004 | Purging | 1 | 308 |
| 01/05/2016 04:46 AM | 0.002 | 1696 | 0.003 | 0.004 | Purging | 0.9 | 267 |
| 01/05/2016 04:58 AM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 4.7 | 304 |
| 01/05/2016 05:10 AM | 0 | 1696 | 0.000 | 0.002 | Purging | 7.6 | 307 |
| 01/05/2016 05:22 AM | 0.002 | 1696 | 0.003 | 0.002 | Purging | 3.3 | 295 |
| 01/05/2016 05:34 AM | 0.002 | 1696 | 0.003 | 0.002 | Purging | 1.5 | 318 |
| 01/05/2016 05:46 AM | 0.002 | 1696 | 0.003 | 0.002 | Purging | 0.3 | 356 |
| 01/05/2016 05:58 AM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 1.1 | 339 |
| 01/05/2016 06:10 AM | 0.005 | 1696 | 0.008 | 0.004 | Purging | 1.7 | 32 |
| 01/05/2016 06:22 AM | 0.003 | 1696 | 0.005 | 0.004 | Purging | 1.6 | 3 |
| 01/05/2016 06:34 AM | 0.001 | 1696 | 0.002 | 0.004 | Purging | 1.7 | 44 |
| 01/05/2016 06:46 AM | 0.005 | 1696 | 0.008 | 0.005 | Purging | 0 | 42 |
| 01/05/2016 06:58 AM | 0.001 | 1696 | 0.002 | 0.005 | Purging | 1.7 | 15 |
| 01/05/2016 07:10 AM | 0.001 | 1696 | 0.002 | 0.004 | Purging | 2.7 | 20 |
| 01/05/2016 07:22 AM | 0.005 | 1696 | 0.008 | 0.004 | Purging | 2.7 | 53 |
| 01/05/2016 07:34 AM | 0.001 | 1696 | 0.002 | 0.004 | Purging | 3.7 | 359 |
| 01/05/2016 07:46 AM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 3.6 | 335 |
| 01/05/2016 07:59 AM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 2.8 | 24 |
| 01/05/2016 08:11 AM | 0.002 | 1696 | 0.003 | 0.003 | Purging | 2.1 | 18 |
| 01/05/2016 08:23 AM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 3.7 | 15 |
| 01/05/2016 08:35 AM | 0.002 | 1696 | 0.003 | 0.002 | Purging | 4.1 | 359 |
| 01/05/2016 08:47 AM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 3.2 | 6 |
| 01/05/2016 08:59 AM | 0.002 | 1696 | 0.003 | 0.003 | Purging | 3.9 | 13 |
| 01/05/2016 09:11 AM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 4.2 | 359 |
| 01/05/2016 09:23 AM | 0.002 | 1696 | 0.003 | 0.003 | Purging | 3 | 1 |
| 01/05/2016 09:35 AM | 0.002 | 1696 | 0.003 | 0.003 | Purging | 2.8 | 18 |
| 01/05/2016 09:47 AM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 2.6 | 18 |

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| | | | | | | | | |
|---------------------|-------|------|-------|-------|---------|-----|-----|---------------------|
| 01/05/2016 09:59 AM | 0.003 | 1696 | 0.005 | 0.003 | Purging | 2 | 359 | |
| 01/05/2016 10:11 AM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 2.5 | 8 | |
| 01/05/2016 10:23 AM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 2 | 359 | |
| 01/05/2016 10:35 AM | 0.074 | 1696 | 0.126 | 0.027 | Purging | 2.8 | 359 | Mod valve open 100% |
| 01/05/2016 10:47 AM | 0.072 | 1696 | 0.122 | 0.051 | Purging | 3.1 | 340 | |
| 01/05/2016 10:59 AM | 0 | 1696 | 0.000 | 0.050 | Purging | 2.1 | 6 | |
| 01/05/2016 11:11 AM | 0.064 | 1696 | 0.109 | 0.072 | Purging | 4.5 | 346 | |
| 01/05/2016 11:23 AM | 0.05 | 1696 | 0.085 | 0.088 | Purging | 2.5 | 18 | |
| 01/05/2016 11:35 AM | 0.046 | 1696 | 0.078 | 0.079 | Purging | 1.7 | 3 | |
| 01/05/2016 11:47 AM | 0.045 | 1696 | 0.076 | 0.070 | Purging | 1.5 | 23 | |
| 01/05/2016 11:59 AM | 0.042 | 1696 | 0.071 | 0.084 | Purging | 3.2 | 38 | |
| 01/05/2016 12:11 PM | 0 | 1696 | 0.000 | 0.062 | Purging | 3 | 21 | |
| 01/05/2016 12:23 PM | 0.035 | 1696 | 0.059 | 0.057 | Purging | 3.4 | 13 | |
| 01/05/2016 12:35 PM | 0.031 | 1696 | 0.053 | 0.052 | Purging | 4.4 | 20 | |
| 01/05/2016 12:47 PM | 0.028 | 1696 | 0.047 | 0.046 | Purging | 3.8 | 3 | |
| 01/05/2016 12:59 PM | 0.028 | 1696 | 0.047 | 0.041 | Purging | 4.1 | 10 | |
| 01/05/2016 01:11 PM | 0 | 1696 | 0.000 | 0.041 | Purging | 2.8 | 353 | |
| 01/05/2016 01:23 PM | 0.026 | 1696 | 0.044 | 0.038 | Purging | 2.1 | 11 | |
| 01/05/2016 01:35 PM | 0.025 | 1696 | 0.042 | 0.036 | Purging | 2.5 | 38 | |
| 01/05/2016 01:47 PM | 0.026 | 1696 | 0.044 | 0.036 | Purging | 1.5 | 359 | |
| 01/05/2016 02:00 PM | 0.001 | 1696 | 0.002 | 0.026 | Purging | 3.2 | 359 | |
| 01/05/2016 02:12 PM | 0.023 | 1696 | 0.039 | 0.034 | Purging | 3.1 | 8 | |
| 01/05/2016 02:24 PM | 0.025 | 1696 | 0.042 | 0.034 | Purging | 2.6 | 31 | |
| 01/05/2016 02:36 PM | 0.02 | 1696 | 0.034 | 0.032 | Purging | 1.7 | 15 | |
| 01/05/2016 02:48 PM | 0.021 | 1696 | 0.036 | 0.031 | Purging | 1.1 | 10 | |
| 01/05/2016 03:00 PM | 0.023 | 1696 | 0.039 | 0.038 | Purging | 4.8 | 280 | |
| 01/05/2016 03:12 PM | 0.019 | 1696 | 0.032 | 0.037 | Purging | 5.5 | 297 | |
| 01/05/2016 03:24 PM | 0.02 | 1696 | 0.034 | 0.035 | Purging | 4.4 | 294 | |
| 01/05/2016 03:36 PM | 0.027 | 1696 | 0.046 | 0.037 | Purging | 2.9 | 300 | |
| 01/05/2016 03:48 PM | 0.017 | 1696 | 0.029 | 0.036 | Purging | 6.8 | 284 | |
| 01/05/2016 04:00 PM | 0.017 | 1696 | 0.029 | 0.034 | Purging | 3.5 | 277 | |
| 01/05/2016 04:12 PM | 0.016 | 1696 | 0.027 | 0.033 | Purging | 4.5 | 280 | |

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| | | | | | | | |
|---------------------|-------|------|-------|-------|---------|-----|-----|
| 01/05/2016 04:24 PM | 0.015 | 1696 | 0.025 | 0.031 | Purging | 2.1 | 236 |
| 01/05/2016 04:36 PM | 0.015 | 1696 | 0.025 | 0.027 | Purging | 1.6 | 342 |
| 01/05/2016 04:48 PM | 0.012 | 1696 | 0.020 | 0.025 | Purging | 1 | 121 |
| 01/05/2016 05:00 PM | 0.013 | 1696 | 0.022 | 0.024 | Purging | 4.6 | 326 |
| 01/05/2016 05:12 PM | 0.012 | 1696 | 0.020 | 0.023 | Purging | 2.2 | 290 |
| 01/05/2016 05:24 PM | 0.009 | 1696 | 0.015 | 0.021 | Purging | 3.5 | 253 |
| 01/05/2016 05:36 PM | 0.013 | 1696 | 0.022 | 0.020 | Purging | 1.3 | 305 |
| 01/05/2016 05:48 PM | 0.018 | 1696 | 0.031 | 0.022 | Purging | 3.4 | 321 |
| 01/05/2016 06:00 PM | 0.01 | 1696 | 0.017 | 0.021 | Purging | 0.1 | 191 |
| 01/05/2016 06:12 PM | 0.012 | 1696 | 0.020 | 0.021 | Purging | 0 | 181 |
| 01/05/2016 06:24 PM | 0.01 | 1696 | 0.017 | 0.021 | Purging | 0 | 181 |
| 01/05/2016 06:36 PM | 0.009 | 1696 | 0.015 | 0.020 | Purging | 1.1 | 229 |
| 01/05/2016 06:48 PM | 0.011 | 1696 | 0.019 | 0.018 | Purging | 0.5 | 243 |
| 01/05/2016 07:00 PM | 0.008 | 1696 | 0.014 | 0.017 | Purging | 2.1 | 232 |
| 01/05/2016 07:12 PM | 0.006 | 1696 | 0.010 | 0.015 | Purging | 2.4 | 269 |
| 01/05/2016 07:24 PM | 0.009 | 1696 | 0.015 | 0.015 | Purging | 3.2 | 176 |
| 01/05/2016 07:36 PM | 0.009 | 1696 | 0.015 | 0.015 | Purging | 4.5 | 276 |
| 01/05/2016 07:48 PM | 0.006 | 1696 | 0.010 | 0.013 | Purging | 2.3 | 172 |
| 01/05/2016 08:01 PM | 0.005 | 1696 | 0.008 | 0.012 | Purging | 2.8 | 257 |
| 01/05/2016 08:13 PM | 0.003 | 1696 | 0.005 | 0.011 | Purging | 4.1 | 236 |
| 01/05/2016 08:25 PM | 0.003 | 1696 | 0.005 | 0.009 | Purging | 2.3 | 250 |
| 01/05/2016 08:37 PM | 0.002 | 1696 | 0.003 | 0.006 | Purging | 2.6 | 291 |
| 01/05/2016 08:49 PM | 0.004 | 1696 | 0.007 | 0.006 | Purging | 4.7 | 305 |
| 01/05/2016 09:01 PM | 0.001 | 1696 | 0.002 | 0.004 | Purging | 2.1 | 311 |
| 01/05/2016 09:13 PM | 0.001 | 1696 | 0.002 | 0.004 | Purging | 0.1 | 346 |
| 01/05/2016 09:25 PM | 0.002 | 1696 | 0.003 | 0.003 | Purging | 1.7 | 131 |
| 01/05/2016 09:37 PM | 0.008 | 1696 | 0.014 | 0.005 | Purging | 0.7 | 80 |
| 01/05/2016 09:49 PM | 0.002 | 1696 | 0.003 | 0.005 | Purging | 0.8 | 304 |
| 01/05/2016 10:01 PM | 0.005 | 1696 | 0.008 | 0.006 | Purging | 2.2 | 11 |
| 01/05/2016 10:13 PM | 0.001 | 1696 | 0.002 | 0.006 | Purging | 3.5 | 264 |
| 01/05/2016 10:25 PM | 0.001 | 1696 | 0.002 | 0.006 | Purging | 2.4 | 277 |
| 01/05/2016 10:37 PM | 0.005 | 1696 | 0.008 | 0.005 | Purging | 2.8 | 290 |

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| | | | | | | | |
|---------------------|-------|------|-------|-------|---------|-----|-----|
| 01/05/2016 10:49 PM | 0.001 | 1696 | 0.002 | 0.004 | Purging | 1.5 | 266 |
| 01/05/2016 11:01 PM | 0 | 1696 | 0.000 | 0.003 | Purging | 0 | 155 |
| 01/05/2016 11:13 PM | 0.003 | 1696 | 0.005 | 0.003 | Purging | 0.8 | 291 |
| 01/05/2016 11:25 PM | 0.002 | 1696 | 0.003 | 0.004 | Purging | 1.6 | 278 |
| 01/05/2016 11:37 PM | 0 | 1696 | 0.000 | 0.002 | Purging | 2.3 | 214 |
| 01/05/2016 11:49 PM | 0 | 1696 | 0.000 | 0.002 | Purging | 4.3 | 291 |
| 02/05/2016 12:01 AM | 0 | 1696 | 0.000 | 0.002 | Purging | 3.8 | 284 |
| 02/05/2016 12:13 AM | 0.001 | 1696 | 0.002 | 0.001 | Purging | 1.6 | 330 |
| 02/05/2016 12:25 AM | 0.001 | 1696 | 0.002 | 0.001 | Purging | 3.1 | 259 |
| 02/05/2016 12:37 AM | 0.002 | 1696 | 0.003 | 0.001 | Purging | 3.3 | 194 |
| 02/05/2016 12:49 AM | 0 | 1696 | 0.000 | 0.001 | Purging | 3 | 193 |
| 02/05/2016 01:01 AM | 0 | 1696 | 0.000 | 0.001 | Purging | 2.2 | 256 |
| 02/05/2016 01:13 AM | 0.002 | 1696 | 0.003 | 0.002 | Purging | 4.8 | 186 |
| 02/05/2016 01:25 AM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 5 | 214 |
| 02/05/2016 01:37 AM | 0 | 1696 | 0.000 | 0.001 | Purging | 4.7 | 190 |
| 02/05/2016 01:49 AM | 0 | 1696 | 0.000 | 0.001 | Purging | 4.8 | 183 |
| 02/05/2016 02:02 AM | 0.002 | 1696 | 0.003 | 0.002 | Purging | 2.1 | 233 |
| 02/05/2016 02:14 AM | 0.001 | 1696 | 0.002 | 0.001 | Purging | 3 | 245 |
| 02/05/2016 02:26 AM | 0.004 | 1696 | 0.007 | 0.002 | Purging | 3.2 | 267 |
| 02/05/2016 02:38 AM | 0.002 | 1696 | 0.003 | 0.003 | Purging | 3 | 162 |
| 02/05/2016 02:50 AM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 2.1 | 287 |
| 02/05/2016 03:02 AM | 0.005 | 1696 | 0.008 | 0.004 | Purging | 2.9 | 269 |
| 02/05/2016 03:14 AM | 0 | 1696 | 0.000 | 0.004 | Purging | 5.2 | 280 |
| 02/05/2016 03:26 AM | 0 | 1696 | 0.000 | 0.003 | Purging | 2.4 | 53 |
| 02/05/2016 03:38 AM | 0.002 | 1696 | 0.003 | 0.003 | Purging | 2.1 | 266 |
| 02/05/2016 03:50 AM | 0 | 1696 | 0.000 | 0.002 | Purging | 0.5 | 253 |
| 02/05/2016 04:02 AM | 0.001 | 1696 | 0.002 | 0.001 | Purging | 2.9 | 242 |
| 02/05/2016 04:14 AM | 0.001 | 1696 | 0.002 | 0.001 | Purging | 1.1 | 315 |
| 02/05/2016 04:26 AM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 1.2 | 311 |
| 02/05/2016 04:38 AM | 0.001 | 1696 | 0.002 | 0.001 | Purging | 1.8 | 350 |
| 02/05/2016 04:50 AM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 0.8 | 309 |
| 02/05/2016 05:02 AM | 0 | 1696 | 0.000 | 0.001 | Purging | 1.1 | 333 |

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| | | | | | | | |
|---------------------|-------|------|-------|-------|---------|-----|-----|
| 02/05/2016 05:14 AM | 0.001 | 1696 | 0.002 | 0.001 | Purging | 1.5 | 350 |
| 02/05/2016 05:26 AM | 0.002 | 1696 | 0.003 | 0.002 | Purging | 1.6 | 321 |
| 02/05/2016 05:38 AM | 0.006 | 1696 | 0.010 | 0.003 | Purging | 1.7 | 23 |
| 02/05/2016 05:50 AM | 0.002 | 1696 | 0.003 | 0.004 | Purging | 1.4 | 350 |
| 02/05/2016 06:02 AM | 0 | 1696 | 0.000 | 0.004 | Purging | 2 | 354 |
| 02/05/2016 06:14 AM | 0.004 | 1696 | 0.007 | 0.005 | Purging | 2.2 | 18 |
| 02/05/2016 06:26 AM | 0.001 | 1696 | 0.002 | 0.004 | Purging | 1.9 | 359 |
| 02/05/2016 06:38 AM | 0.002 | 1696 | 0.003 | 0.003 | Purging | 1.1 | 322 |
| 02/05/2016 06:50 AM | 0.005 | 1696 | 0.008 | 0.004 | Purging | 2.7 | 8 |
| 02/05/2016 07:02 AM | 0 | 1696 | 0.000 | 0.004 | Purging | 2.1 | 359 |
| 02/05/2016 07:14 AM | 0 | 1696 | 0.000 | 0.003 | Purging | 0.8 | 332 |
| 02/05/2016 07:26 AM | 0.004 | 1696 | 0.007 | 0.004 | Purging | 1.7 | 7 |
| 02/05/2016 07:38 AM | 0 | 1696 | 0.000 | 0.003 | Purging | 2.2 | 336 |
| 02/05/2016 07:50 AM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 2.8 | 325 |
| 02/05/2016 08:03 AM | 0.004 | 1696 | 0.007 | 0.003 | Purging | 2.9 | 311 |
| 02/05/2016 08:15 AM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 1.2 | 333 |
| 02/05/2016 08:27 AM | 0.002 | 1696 | 0.003 | 0.003 | Purging | 2.2 | 345 |
| 02/05/2016 08:39 AM | 0.002 | 1696 | 0.003 | 0.003 | Purging | 2 | 298 |
| 02/05/2016 08:51 AM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 1.8 | 309 |
| 02/05/2016 09:03 AM | 0.003 | 1696 | 0.005 | 0.003 | Purging | 1.5 | 285 |
| 02/05/2016 09:15 AM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 1 | 354 |
| 02/05/2016 09:27 AM | 0.002 | 1696 | 0.003 | 0.003 | Purging | 1.5 | 301 |
| 02/05/2016 09:39 AM | 0.003 | 1696 | 0.005 | 0.003 | Purging | 1.1 | 7 |
| 02/05/2016 09:51 AM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 1.9 | 315 |
| 02/05/2016 10:03 AM | 0 | 1696 | 0.000 | 0.002 | Purging | 1.7 | 297 |
| 02/05/2016 10:15 AM | 0 | 1696 | 0.000 | 0.002 | Purging | 1 | 335 |
| 02/05/2016 10:27 AM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 1.1 | 352 |
| 02/05/2016 10:39 AM | 0.005 | 1696 | 0.008 | 0.002 | Purging | 0.3 | 160 |
| 02/05/2016 10:51 AM | 0 | 1696 | 0.000 | 0.002 | Purging | 0.8 | 238 |
| 02/05/2016 11:03 AM | 0 | 1696 | 0.000 | 0.002 | Purging | 1.4 | 335 |
| 02/05/2016 11:15 AM | 0.005 | 1696 | 0.008 | 0.004 | Purging | 0 | 252 |
| 02/05/2016 11:27 AM | 0.001 | 1696 | 0.002 | 0.004 | Purging | 1.9 | 269 |

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| | | | | | | | |
|---------------------|-------|------|-------|-------|---------|-----|-----|
| 02/05/2016 11:39 AM | 0 | 1696 | 0.000 | 0.002 | Purging | 1.1 | 232 |
| 02/05/2016 11:51 AM | 0.003 | 1696 | 0.005 | 0.003 | Purging | 2.2 | 330 |
| 02/05/2016 12:03 PM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 2.2 | 4 |
| 02/05/2016 12:15 PM | 0 | 1696 | 0.000 | 0.002 | Purging | 1.8 | 13 |
| 02/05/2016 12:27 PM | 0.002 | 1696 | 0.003 | 0.002 | Purging | 2.9 | 42 |
| 02/05/2016 12:39 PM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 2.7 | 359 |
| 02/05/2016 12:51 PM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 3.6 | 34 |
| 02/05/2016 01:03 PM | 0.002 | 1696 | 0.003 | 0.002 | Purging | 3 | 24 |
| 02/05/2016 01:15 PM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 2.2 | 60 |
| 02/05/2016 01:27 PM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 1.8 | 45 |
| 02/05/2016 01:39 PM | 0.002 | 1696 | 0.003 | 0.002 | Purging | 1.9 | 21 |
| 02/05/2016 01:51 PM | 0 | 1696 | 0.000 | 0.002 | Purging | 1.3 | 75 |
| 02/05/2016 02:04 PM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 0.9 | 34 |
| 02/05/2016 02:16 PM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 0.9 | 21 |
| 02/05/2016 02:28 PM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 1.8 | 359 |
| 02/05/2016 02:40 PM | 0 | 1696 | 0.000 | 0.001 | Purging | 2.1 | 4 |
| 02/05/2016 02:52 PM | 0.001 | 1696 | 0.002 | 0.001 | Purging | 2.2 | 35 |
| 02/05/2016 03:04 PM | 0.005 | 1696 | 0.008 | 0.003 | Purging | 1.7 | 18 |
| 02/05/2016 03:16 PM | 0.002 | 1696 | 0.003 | 0.003 | Purging | 2.6 | 11 |
| 02/05/2016 03:28 PM | 0.002 | 1696 | 0.003 | 0.003 | Purging | 3.2 | 352 |
| 02/05/2016 03:40 PM | 0.004 | 1696 | 0.007 | 0.005 | Purging | 3.2 | 11 |
| 02/05/2016 03:52 PM | 0.001 | 1696 | 0.002 | 0.005 | Purging | 3.1 | 359 |
| 02/05/2016 04:04 PM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 2.2 | 4 |
| 02/05/2016 04:16 PM | 0.004 | 1696 | 0.007 | 0.004 | Purging | 2.8 | 349 |
| 02/05/2016 04:28 PM | 0.001 | 1696 | 0.002 | 0.004 | Purging | 1.6 | 32 |
| 02/05/2016 04:40 PM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 2 | 359 |
| 02/05/2016 04:52 PM | 0 | 1696 | 0.000 | 0.002 | Purging | 1 | 11 |
| 02/05/2016 05:04 PM | 0 | 1696 | 0.000 | 0.002 | Purging | 0 | 8 |
| 02/05/2016 05:16 PM | 0.002 | 1696 | 0.003 | 0.001 | Purging | 0 | 8 |
| 02/05/2016 05:28 PM | 0.002 | 1696 | 0.003 | 0.002 | Purging | 1.6 | 283 |
| 02/05/2016 05:40 PM | 0.002 | 1696 | 0.003 | 0.002 | Purging | 0.8 | 285 |
| 02/05/2016 05:52 PM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 0 | 264 |

Fumigation Gas Reading Log

Selected Dates: 28/04/2016 and 2/05/2016

| | | | | | | | | |
|---------------------|-------|------|-------|-------|---------|-----|-----|------------------------------------------|
| 02/05/2016 06:04 PM | 0.001 | 1696 | 0.002 | 0.003 | Purging | 0 | 169 | |
| 02/05/2016 06:16 PM | 0.002 | 1696 | 0.003 | 0.003 | Purging | 0.6 | 176 | |
| 02/05/2016 06:28 PM | 0 | 1696 | 0.000 | 0.002 | Purging | 0 | 194 | |
| 02/05/2016 06:40 PM | 0.001 | 1696 | 0.002 | 0.002 | Purging | 0.2 | 242 | Fumigation clearance certificate issued. |



Fumigation Gas Reading Log

Selected Dates: 4/05/2016 and 7/05/2016

| Silo | Gas Reading Date | Gas Reading mg/l | Stack Flow Rate l/s | Exhaust Flux g/s | Hourly Average g/s | Fumigation State | Wind Speed m/s | Direction ° | Notes |
|-------------|---------------------|------------------|---------------------|------------------|--------------------|------------------|----------------|-------------|-------|
| Silo: CL203 | | | | | | | | | |
| | 04/05/2016 02:37 PM | 0 | 0 | 0.000 | 0 | Dosing | 4.8 | 156 | |
| | 04/05/2016 03:01 PM | 0 | 0 | 0.000 | 0 | Dosing | 6.7 | 181 | |
| | 04/05/2016 03:28 PM | 0.752 | 0 | 0.000 | 0 | Fumigation | 4.3 | 162 | |
| | 04/05/2016 03:40 PM | 0.777 | 0 | 0.000 | 0 | Fumigation | 4.3 | 158 | |
| | 04/05/2016 03:52 PM | 0.049 | 0 | 0.000 | 0 | Fumigation | 3.7 | 148 | |
| | 04/05/2016 04:04 PM | 58.857 | 0 | 0.000 | 0 | Fumigation | 5.5 | 142 | |
| | 04/05/2016 04:16 PM | 43.663 | 0 | 0.000 | 0 | Fumigation | 4.1 | 159 | |
| | 04/05/2016 04:28 PM | 16.187 | 0 | 0.000 | 0 | Fumigation | 5.3 | 160 | |
| | 04/05/2016 04:40 PM | 56.383 | 0 | 0.000 | 0 | Fumigation | 5.4 | 149 | |
| | 04/05/2016 04:52 PM | 31.286 | 0 | 0.000 | 0 | Fumigation | 3.4 | 192 | |
| | 04/05/2016 05:05 PM | 21.82 | 0 | 0.000 | 0 | Fumigation | 4 | 156 | |
| | 04/05/2016 05:17 PM | 26.553 | 0 | 0.000 | 0 | Fumigation | 3.9 | 115 | |
| | 04/05/2016 05:29 PM | 60.825 | 0 | 0.000 | 0 | Fumigation | 4.4 | 172 | |
| | 04/05/2016 05:41 PM | 62.84 | 0 | 0.000 | 0 | Fumigation | 3.5 | 152 | |
| | 04/05/2016 05:53 PM | 54.417 | 0 | 0.000 | 0 | Fumigation | 4.1 | 139 | |
| | 04/05/2016 06:05 PM | 46.65 | 0 | 0.000 | 0 | Fumigation | 4.6 | 145 | |
| | 04/05/2016 06:17 PM | 40.558 | 0 | 0.000 | 0 | Fumigation | 5.4 | 146 | |
| | 04/05/2016 06:29 PM | 32.015 | 0 | 0.000 | 0 | Fumigation | 2.9 | 155 | |
| | 04/05/2016 06:41 PM | 31.165 | 0 | 0.000 | 0 | Fumigation | 1.2 | 217 | |
| | 04/05/2016 06:53 PM | 42.84 | 0 | 0.000 | 0 | Fumigation | 3.2 | 188 | |
| | 04/05/2016 07:05 PM | 44.296 | 0 | 0.000 | 0 | Fumigation | 2.2 | 183 | |
| | 04/05/2016 07:17 PM | 43.981 | 0 | 0.000 | 0 | Fumigation | 0 | 359 | |
| | 04/05/2016 07:29 PM | 47.087 | 0 | 0.000 | 0 | Fumigation | 0 | 359 | |
| | 04/05/2016 07:41 PM | 40.485 | 0 | 0.000 | 0 | Fumigation | 0 | 359 | |
| | 04/05/2016 07:53 PM | 36.189 | 0 | 0.000 | 0 | Fumigation | 0 | 359 | |
| | 04/05/2016 08:05 PM | 34.515 | 0 | 0.000 | 0 | Fumigation | 0 | 359 | |
| | 04/05/2016 08:17 PM | 35.291 | 0 | 0.000 | 0 | Fumigation | 0 | 359 | |
| | 04/05/2016 08:29 PM | 40.728 | 0 | 0.000 | 0 | Fumigation | 0 | 359 | |
| | 04/05/2016 08:41 PM | 37.743 | 0 | 0.000 | 0 | Fumigation | 0 | 359 | |
| | 04/05/2016 08:53 PM | 38.617 | 0 | 0.000 | 0 | Fumigation | 0 | 359 | |
| | 04/05/2016 09:05 PM | 50.534 | 0 | 0.000 | 0 | Fumigation | 0 | 359 | |



Fumigation Gas Reading Log

Selected Dates: 4/05/2016 and 7/05/2016

| | | | | | | | |
|---------------------|--------|---|-------|---|------------|-----|-----|
| 04/05/2016 09:17 PM | 33.956 | 0 | 0.000 | 0 | Fumigation | 0 | 359 |
| 04/05/2016 09:29 PM | 33.01 | 0 | 0.000 | 0 | Fumigation | 2.7 | 323 |
| 04/05/2016 09:41 PM | 33.714 | 0 | 0.000 | 0 | Fumigation | 1 | 295 |
| 04/05/2016 09:53 PM | 34.854 | 0 | 0.000 | 0 | Fumigation | 2.3 | 271 |
| 04/05/2016 10:05 PM | 32.354 | 0 | 0.000 | 0 | Fumigation | 2.7 | 287 |
| 04/05/2016 10:17 PM | 36.359 | 0 | 0.000 | 0 | Fumigation | 2.2 | 290 |
| 04/05/2016 10:29 PM | 29.612 | 0 | 0.000 | 0 | Fumigation | 3.1 | 280 |
| 04/05/2016 10:41 PM | 31.553 | 0 | 0.000 | 0 | Fumigation | 1.7 | 325 |
| 04/05/2016 10:54 PM | 36.505 | 0 | 0.000 | 0 | Fumigation | 2 | 276 |
| 04/05/2016 11:06 PM | 31.942 | 0 | 0.000 | 0 | Fumigation | 2.6 | 280 |
| 04/05/2016 11:18 PM | 34.927 | 0 | 0.000 | 0 | Fumigation | 0.9 | 301 |
| 04/05/2016 11:30 PM | 33.01 | 0 | 0.000 | 0 | Fumigation | 1.3 | 266 |
| 04/05/2016 11:42 PM | 27.791 | 0 | 0.000 | 0 | Fumigation | 2.8 | 264 |
| 04/05/2016 11:54 PM | 27.184 | 0 | 0.000 | 0 | Fumigation | 2 | 270 |
| 05/05/2016 12:06 AM | 28.835 | 0 | 0.000 | 0 | Fumigation | 1.7 | 269 |
| 05/05/2016 12:18 AM | 32.087 | 0 | 0.000 | 0 | Fumigation | 0.4 | 304 |
| 05/05/2016 12:30 AM | 31.529 | 0 | 0.000 | 0 | Fumigation | 0.9 | 240 |
| 05/05/2016 12:42 AM | 38.519 | 0 | 0.000 | 0 | Fumigation | 2.2 | 287 |
| 05/05/2016 12:54 AM | 29.903 | 0 | 0.000 | 0 | Fumigation | 0 | 249 |
| 05/05/2016 01:06 AM | 29.854 | 0 | 0.000 | 0 | Fumigation | 3.1 | 262 |
| 05/05/2016 01:18 AM | 31.578 | 0 | 0.000 | 0 | Fumigation | 1.3 | 300 |
| 05/05/2016 01:30 AM | 29.563 | 0 | 0.000 | 0 | Fumigation | 0 | 316 |
| 05/05/2016 01:42 AM | 31.117 | 0 | 0.000 | 0 | Fumigation | 1.7 | 248 |
| 05/05/2016 01:54 AM | 42.015 | 0 | 0.000 | 0 | Fumigation | 1 | 333 |
| 05/05/2016 02:06 AM | 27.549 | 0 | 0.000 | 0 | Fumigation | 0.6 | 294 |
| 05/05/2016 02:18 AM | 28.058 | 0 | 0.000 | 0 | Fumigation | 1.8 | 290 |
| 05/05/2016 02:30 AM | 27.913 | 0 | 0.000 | 0 | Fumigation | 0 | 204 |
| 05/05/2016 02:42 AM | 34.976 | 0 | 0.000 | 0 | Fumigation | 1.7 | 257 |
| 05/05/2016 02:54 AM | 29.102 | 0 | 0.000 | 0 | Fumigation | 1 | 256 |
| 05/05/2016 03:06 AM | 27.451 | 0 | 0.000 | 0 | Fumigation | 0.8 | 295 |
| 05/05/2016 03:18 AM | 25.898 | 0 | 0.000 | 0 | Fumigation | 0 | 262 |
| 05/05/2016 03:30 AM | 28.131 | 0 | 0.000 | 0 | Fumigation | 2.5 | 273 |
| 05/05/2016 03:42 AM | 27.354 | 0 | 0.000 | 0 | Fumigation | 1.6 | 263 |
| 05/05/2016 03:54 AM | 27.112 | 0 | 0.000 | 0 | Fumigation | 1.9 | 293 |
| 05/05/2016 04:06 AM | 34.466 | 0 | 0.000 | 0 | Fumigation | 0 | 255 |

Fumigation Gas Reading Log

Selected Dates: 4/05/2016 and 7/05/2016

| | | | | | | | |
|---------------------|--------|---|-------|---|------------|-----|-----|
| 05/05/2016 04:18 AM | 26.82 | 0 | 0.000 | 0 | Fumigation | 0 | 255 |
| 05/05/2016 04:30 AM | 28.908 | 0 | 0.000 | 0 | Fumigation | 0 | 281 |
| 05/05/2016 04:42 AM | 26.675 | 0 | 0.000 | 0 | Fumigation | 3.4 | 285 |
| 05/05/2016 04:54 AM | 34.296 | 0 | 0.000 | 0 | Fumigation | 3.4 | 277 |
| 05/05/2016 05:07 AM | 37.087 | 0 | 0.000 | 0 | Fumigation | 4.1 | 283 |
| 05/05/2016 05:19 AM | 30.121 | 0 | 0.000 | 0 | Fumigation | 4.7 | 285 |
| 05/05/2016 05:31 AM | 26.311 | 0 | 0.000 | 0 | Fumigation | 4.9 | 298 |
| 05/05/2016 05:43 AM | 27.524 | 0 | 0.000 | 0 | Fumigation | 6.6 | 304 |
| 05/05/2016 05:55 AM | 24.102 | 0 | 0.000 | 0 | Fumigation | 5.9 | 267 |
| 05/05/2016 06:07 AM | 24.709 | 0 | 0.000 | 0 | Fumigation | 6 | 290 |
| 05/05/2016 06:19 AM | 27.403 | 0 | 0.000 | 0 | Fumigation | 5.8 | 290 |
| 05/05/2016 06:31 AM | 23.107 | 0 | 0.000 | 0 | Fumigation | 5.7 | 315 |
| 05/05/2016 06:43 AM | 23.35 | 0 | 0.000 | 0 | Fumigation | 5.6 | 283 |
| 05/05/2016 06:55 AM | 25.049 | 0 | 0.000 | 0 | Fumigation | 5.7 | 293 |
| 05/05/2016 07:07 AM | 19.102 | 0 | 0.000 | 0 | Fumigation | 5.3 | 283 |
| 05/05/2016 07:19 AM | 30.218 | 0 | 0.000 | 0 | Fumigation | 6 | 290 |
| 05/05/2016 07:31 AM | 22.5 | 0 | 0.000 | 0 | Fumigation | 6 | 271 |
| 05/05/2016 07:43 AM | 23.155 | 0 | 0.000 | 0 | Fumigation | 4.3 | 329 |
| 05/05/2016 07:55 AM | 33.665 | 0 | 0.000 | 0 | Fumigation | 5 | 298 |
| 05/05/2016 08:07 AM | 23.495 | 0 | 0.000 | 0 | Fumigation | 4.2 | 274 |
| 05/05/2016 08:19 AM | 24.199 | 0 | 0.000 | 0 | Fumigation | 3.7 | 300 |
| 05/05/2016 08:31 AM | 28.228 | 0 | 0.000 | 0 | Fumigation | 2.9 | 300 |
| 05/05/2016 08:43 AM | 23.155 | 0 | 0.000 | 0 | Fumigation | 2.6 | 293 |
| 05/05/2016 08:55 AM | 23.519 | 0 | 0.000 | 0 | Fumigation | 1.8 | 322 |
| 05/05/2016 09:07 AM | 24.345 | 0 | 0.000 | 0 | Fumigation | 1.5 | 276 |
| 05/05/2016 09:19 AM | 23.981 | 0 | 0.000 | 0 | Fumigation | 2 | 312 |
| 05/05/2016 09:31 AM | 34.345 | 0 | 0.000 | 0 | Fumigation | 1.5 | 288 |
| 05/05/2016 09:43 AM | 22.233 | 0 | 0.000 | 0 | Fumigation | 1 | 328 |
| 05/05/2016 09:55 AM | 23.762 | 0 | 0.000 | 0 | Fumigation | 1.2 | 318 |
| 05/05/2016 10:07 AM | 25.558 | 0 | 0.000 | 0 | Fumigation | 2.9 | 274 |
| 05/05/2016 10:19 AM | 25.825 | 0 | 0.000 | 0 | Fumigation | 0.2 | 246 |
| 05/05/2016 10:31 AM | 24.053 | 0 | 0.000 | 0 | Fumigation | 1 | 300 |
| 05/05/2016 10:43 AM | 24.782 | 0 | 0.000 | 0 | Fumigation | 0 | 169 |
| 05/05/2016 10:55 AM | 34.005 | 0 | 0.000 | 0 | Fumigation | 1.7 | 24 |
| 05/05/2016 11:08 AM | 21.262 | 0 | 0.000 | 0 | Fumigation | 2.8 | 338 |



Fumigation Gas Reading Log

Selected Dates: 4/05/2016 and 7/05/2016

| | | | | | | | | |
|---------------------|--------|-----|-------|-------|-----------------|-----|-----|-----------------|
| 05/05/2016 11:20 AM | 21.238 | 0 | 0.000 | 0 | Fumigation | 0 | 252 | |
| 05/05/2016 11:32 AM | 29.757 | 0 | 0.000 | 0 | Fumigation | 0.8 | 84 | |
| 05/05/2016 11:44 AM | 24.102 | 0 | 0.000 | 0 | Fumigation | 3.4 | 101 | |
| 05/05/2016 11:56 AM | 16.481 | 0 | 0.000 | 0 | Fumigation | 0.4 | 45 | |
| 05/05/2016 12:08 PM | 18.932 | 0 | 0.000 | 0 | Fumigation | 0.7 | 31 | |
| 05/05/2016 12:20 PM | 23.422 | 0 | 0.000 | 0 | Fumigation | 1.9 | 27 | |
| 05/05/2016 12:32 PM | 15.995 | 0 | 0.000 | 0 | Fumigation | 1.3 | 39 | |
| 05/05/2016 12:44 PM | 17.451 | 0 | 0.000 | 0 | Fumigation | 1 | 51 | |
| 05/05/2016 12:56 PM | 18.908 | 0 | 0.000 | 0 | Fumigation | 1.1 | 35 | |
| 05/05/2016 01:08 PM | 18.204 | 0 | 0.000 | 0 | Fumigation | 1.8 | 25 | |
| 05/05/2016 01:20 PM | 20.728 | 0 | 0.000 | 0 | Fumigation | 2.8 | 359 | |
| 05/05/2016 01:32 PM | 17.039 | 0 | 0.000 | 0 | Fumigation | 2.9 | 359 | |
| 05/05/2016 01:44 PM | 25.85 | 0 | 0.000 | 0 | Fumigation | 3.6 | 359 | |
| 05/05/2016 01:56 PM | 24.612 | 0 | 0.000 | 0 | Fumigation | 2.7 | 11 | |
| 05/05/2016 02:08 PM | 16.772 | 0 | 0.000 | 0 | Fumigation | 2.7 | 38 | |
| 05/05/2016 02:20 PM | 18.689 | 0 | 0.000 | 0 | Fumigation | 3.1 | 1 | |
| 05/05/2016 02:32 PM | 17.184 | 0 | 0.000 | 0 | Fumigation | 2.9 | 4 | |
| 05/05/2016 02:44 PM | 21.723 | 0 | 0.000 | 0 | Fumigation | 3.4 | 34 | |
| 05/05/2016 02:56 PM | 15.995 | 0 | 0.000 | 0 | Fumigation | 2.9 | 30 | |
| 05/05/2016 03:08 PM | 16.311 | 0 | 0.000 | 0 | Fumigation | 3.3 | 27 | |
| 05/05/2016 03:20 PM | 0.031 | 503 | 0.016 | 0 | Initial Purging | 3.1 | 11 | Purge Commenced |
| 05/05/2016 03:32 PM | 0.049 | 503 | 0.051 | 0 | Initial Purging | 2.9 | 11 | |
| 05/05/2016 03:44 PM | 0.001 | 503 | 0.001 | 0 | Initial Purging | 3 | 11 | |
| 05/05/2016 03:56 PM | 0.001 | 503 | 0.001 | 0 | Initial Purging | 3.6 | 8 | |
| 05/05/2016 04:08 PM | 0.001 | 503 | 0.001 | 0.027 | Initial Purging | 3.5 | 41 | |
| 05/05/2016 04:20 PM | 0.008 | 503 | 0.004 | 0.012 | Initial Purging | 2 | 338 | |
| 05/05/2016 04:32 PM | 0.003 | 503 | 0.002 | 0.002 | Purging | 2.8 | 17 | |
| 05/05/2016 04:44 PM | 0.004 | 503 | 0.002 | 0.002 | Purging | 3 | 359 | |
| 05/05/2016 04:56 PM | 0.108 | 503 | 0.054 | 0.013 | Purging | 3.5 | 13 | |
| 05/05/2016 05:09 PM | 0.215 | 503 | 0.108 | 0.034 | Purging | 2.3 | 10 | |
| 05/05/2016 05:21 PM | 0.221 | 503 | 0.111 | 0.055 | Purging | 2.3 | 23 | |
| 05/05/2016 05:33 PM | 0.234 | 503 | 0.118 | 0.079 | Purging | 2.6 | 359 | |
| 05/05/2016 05:45 PM | 0.265 | 503 | 0.133 | 0.105 | Purging | 2 | 14 | |
| 05/05/2016 05:57 PM | 0.287 | 503 | 0.144 | 0.123 | Purging | 1.4 | 3 | |
| 05/05/2016 06:09 PM | 0.305 | 503 | 0.153 | 0.132 | Purging | 0.8 | 45 | |

Fumigation Gas Reading Log

Selected Dates: 4/05/2016 and 7/05/2016

| | | | | | | | | |
|---------------------|-------|-----|-------|-------|-----------------|-----|-----|------------------------|
| 05/05/2016 06:21 PM | 0.323 | 503 | 0.162 | 0.142 | Purging | 0.5 | 346 | |
| 05/05/2016 06:33 PM | 0.331 | 503 | 0.166 | 0.152 | Purging | 1.6 | 298 | |
| 05/05/2016 06:45 PM | 0.4 | 503 | 0.201 | 0.165 | Purging | 0.9 | 15 | |
| 05/05/2016 06:57 PM | 0.354 | 503 | 0.178 | 0.172 | Purging | 1 | 315 | |
| 05/05/2016 07:09 PM | 0.365 | 503 | 0.184 | 0.178 | Purging | 0.9 | 319 | |
| 05/05/2016 07:21 PM | 0.376 | 503 | 0.189 | 0.184 | Purging | 0 | 332 | |
| 05/05/2016 07:33 PM | 0.38 | 503 | 0.191 | 0.189 | Purging | 1.5 | 345 | |
| 05/05/2016 07:45 PM | 0.393 | 503 | 0.198 | 0.188 | Purging | 2 | 315 | |
| 05/05/2016 07:57 PM | 0.4 | 503 | 0.201 | 0.193 | Purging | 2 | 301 | |
| 05/05/2016 08:09 PM | 0.405 | 503 | 0.204 | 0.197 | Purging | 1.5 | 285 | |
| 05/05/2016 08:21 PM | 0.408 | 503 | 0.205 | 0.200 | Purging | 1.1 | 311 | |
| 05/05/2016 08:33 PM | 0.41 | 503 | 0.206 | 0.203 | Purging | 1.5 | 298 | |
| 05/05/2016 08:45 PM | 0.41 | 503 | 0.206 | 0.204 | Purging | 1.3 | 329 | Purge Paused Overnight |
| 06/05/2016 09:30 AM | 0.06 | 503 | 0.030 | | Initial Purging | 2.7 | 295 | |
| 06/05/2016 09:42 AM | 0.008 | 503 | 0.004 | | Initial Purging | 2.3 | 302 | |
| 06/05/2016 09:54 AM | 0.004 | 503 | 0.002 | | Initial Purging | 3.7 | 204 | |
| 06/05/2016 10:06 AM | 0.025 | 503 | 0.013 | | Initial Purging | 3.5 | 287 | |
| 06/05/2016 10:18 AM | 0.012 | 503 | 0.006 | 0.011 | Initial Purging | 3.2 | 134 | |
| 06/05/2016 10:30 AM | 0.006 | 503 | 0.003 | 0.006 | Purging | 2.9 | 115 | |
| 06/05/2016 10:42 AM | 0.163 | 503 | 0.082 | 0.021 | Purging | 2.5 | 110 | |
| 06/05/2016 10:54 AM | 0.248 | 503 | 0.125 | 0.046 | Purging | 2.9 | 91 | |
| 06/05/2016 11:06 AM | 0.361 | 503 | 0.182 | 0.080 | Purging | 3.2 | 134 | |
| 06/05/2016 11:18 AM | 0.508 | 503 | 0.256 | 0.130 | Purging | 3.1 | 121 | |
| 06/05/2016 11:30 AM | 0.493 | 503 | 0.248 | 0.179 | Purging | 3.1 | 132 | |
| 06/05/2016 11:42 AM | 0.52 | 503 | 0.262 | 0.215 | Purging | 3.4 | 117 | |
| 06/05/2016 11:55 AM | 0.665 | 503 | 0.334 | 0.256 | Purging | 3.1 | 113 | |
| 06/05/2016 12:07 PM | 0.649 | 503 | 0.326 | 0.285 | Purging | 3.1 | 121 | |
| 06/05/2016 12:19 PM | 0.571 | 503 | 0.287 | 0.291 | Purging | 2.6 | 125 | |
| 06/05/2016 12:31 PM | 0.645 | 503 | 0.324 | 0.307 | Purging | 2.9 | 129 | |
| 06/05/2016 12:43 PM | 0.576 | 503 | 0.290 | 0.312 | Purging | 1.3 | 41 | |
| 06/05/2016 12:55 PM | 0.652 | 503 | 0.328 | 0.311 | Purging | 0.3 | 75 | |
| 06/05/2016 01:07 PM | 0.618 | 503 | 0.311 | 0.308 | Purging | 1.4 | 48 | |
| 06/05/2016 01:19 PM | 0.69 | 503 | 0.347 | 0.320 | Purging | 1.1 | 31 | |
| 06/05/2016 01:31 PM | 0.575 | 503 | 0.289 | 0.313 | Purging | 1.1 | 46 | |
| 06/05/2016 01:43 PM | 0.621 | 503 | 0.312 | 0.317 | Purging | 1.1 | 28 | |

Fumigation Gas Reading Log

Selected Dates: 4/05/2016 and 7/05/2016

| | | | | | | | |
|---------------------|-------|-----|-------|-------|---------|-----|-----|
| 06/05/2016 01:55 PM | 0.69 | 503 | 0.347 | 0.321 | Purging | 0.2 | 42 |
| 06/05/2016 02:07 PM | 0.657 | 503 | 0.330 | 0.325 | Purging | 1.6 | 35 |
| 06/05/2016 02:19 PM | 0.644 | 503 | 0.324 | 0.320 | Purging | 1.5 | 359 |
| 06/05/2016 02:31 PM | 0.69 | 503 | 0.347 | 0.332 | Purging | 1.1 | 6 |
| 06/05/2016 02:43 PM | 0.483 | 503 | 0.243 | 0.318 | Purging | 2.2 | 10 |
| 06/05/2016 02:55 PM | 0.695 | 503 | 0.350 | 0.319 | Purging | 1.7 | 42 |
| 06/05/2016 03:07 PM | 0.667 | 503 | 0.336 | 0.320 | Purging | 1.5 | 0 |
| 06/05/2016 03:19 PM | 0.579 | 503 | 0.291 | 0.313 | Purging | 1.6 | 10 |
| 06/05/2016 03:31 PM | 0.581 | 503 | 0.292 | 0.302 | Purging | 1.7 | 15 |
| 06/05/2016 03:43 PM | 0.543 | 503 | 0.273 | 0.308 | Purging | 1.9 | 359 |
| 06/05/2016 03:55 PM | 0.599 | 503 | 0.301 | 0.299 | Purging | 1.8 | 356 |
| 06/05/2016 04:07 PM | 0.657 | 503 | 0.330 | 0.297 | Purging | 0.8 | 24 |
| 06/05/2016 04:19 PM | 0.599 | 503 | 0.301 | 0.299 | Purging | 1.1 | 11 |
| 06/05/2016 04:31 PM | 0.636 | 503 | 0.320 | 0.305 | Purging | 1.2 | 23 |
| 06/05/2016 04:43 PM | 0.483 | 503 | 0.243 | 0.299 | Purging | 0 | 18 |
| 06/05/2016 04:55 PM | 0.525 | 503 | 0.264 | 0.292 | Purging | 1.2 | 18 |
| 06/05/2016 05:07 PM | 0.49 | 503 | 0.246 | 0.275 | Purging | 1 | 343 |
| 06/05/2016 05:19 PM | 0.477 | 503 | 0.240 | 0.263 | Purging | 1.4 | 338 |
| 06/05/2016 05:31 PM | 0.47 | 503 | 0.236 | 0.246 | Purging | 0.8 | 345 |
| 06/05/2016 05:43 PM | 0.459 | 503 | 0.231 | 0.243 | Purging | 0 | 342 |
| 06/05/2016 05:56 PM | 0.424 | 503 | 0.213 | 0.233 | Purging | 1 | 333 |
| 06/05/2016 06:08 PM | 0.42 | 503 | 0.211 | 0.226 | Purging | 0.8 | 330 |
| 06/05/2016 06:20 PM | 0.413 | 503 | 0.208 | 0.220 | Purging | 0 | 7 |
| 06/05/2016 06:32 PM | 0.376 | 503 | 0.189 | 0.210 | Purging | 0 | 338 |
| 06/05/2016 06:44 PM | 0.36 | 503 | 0.181 | 0.200 | Purging | 0.9 | 346 |
| 06/05/2016 06:56 PM | 0.339 | 503 | 0.171 | 0.192 | Purging | 1 | 315 |
| 06/05/2016 07:08 PM | 0.323 | 503 | 0.162 | 0.182 | Purging | 0 | 352 |
| 06/05/2016 07:20 PM | 0.312 | 503 | 0.157 | 0.172 | Purging | 0 | 318 |
| 06/05/2016 07:32 PM | 0.297 | 503 | 0.149 | 0.164 | Purging | 0 | 318 |
| 06/05/2016 07:44 PM | 0.285 | 503 | 0.143 | 0.156 | Purging | 0 | 318 |
| 06/05/2016 07:56 PM | 0.266 | 503 | 0.134 | 0.149 | Purging | 0 | 318 |
| 06/05/2016 08:08 PM | 0.304 | 503 | 0.153 | 0.147 | Purging | 0 | 318 |
| 06/05/2016 08:20 PM | 0.242 | 503 | 0.122 | 0.140 | Purging | 1.5 | 290 |
| 06/05/2016 08:32 PM | 0.215 | 503 | 0.108 | 0.132 | Purging | 0 | 285 |
| 06/05/2016 08:44 PM | 0.207 | 503 | 0.104 | 0.124 | Purging | 0 | 270 |

Fumigation Gas Reading Log

Selected Dates: 4/05/2016 and 7/05/2016

| | | | | | | | |
|---------------------|-------|-----|-------|-------|---------|-----|-----|
| 06/05/2016 08:56 PM | 0.226 | 503 | 0.114 | 0.120 | Purging | 0 | 270 |
| 06/05/2016 09:08 PM | 0.211 | 503 | 0.106 | 0.111 | Purging | 0 | 270 |
| 06/05/2016 09:20 PM | 0.23 | 503 | 0.116 | 0.110 | Purging | 1.5 | 276 |
| 06/05/2016 09:32 PM | 0.274 | 503 | 0.138 | 0.116 | Purging | 2 | 297 |
| 06/05/2016 09:44 PM | 0.252 | 503 | 0.127 | 0.120 | Purging | 1.7 | 288 |
| 06/05/2016 09:56 PM | 0.222 | 503 | 0.112 | 0.120 | Purging | 1.4 | 293 |
| 06/05/2016 10:08 PM | 0.222 | 503 | 0.112 | 0.121 | Purging | 0 | 221 |
| 06/05/2016 10:20 PM | 0.187 | 503 | 0.094 | 0.117 | Purging | 1 | 276 |
| 06/05/2016 10:32 PM | 0.168 | 503 | 0.085 | 0.106 | Purging | 0 | 246 |
| 06/05/2016 10:44 PM | 0.152 | 503 | 0.076 | 0.096 | Purging | 0 | 276 |
| 06/05/2016 10:56 PM | 0.149 | 503 | 0.075 | 0.088 | Purging | 1 | 264 |
| 06/05/2016 11:08 PM | 0.172 | 503 | 0.087 | 0.083 | Purging | 0 | 281 |
| 06/05/2016 11:20 PM | 0.114 | 503 | 0.057 | 0.076 | Purging | 0.1 | 359 |
| 06/05/2016 11:32 PM | 0.107 | 503 | 0.054 | 0.070 | Purging | 0.1 | 350 |
| 06/05/2016 11:44 PM | 0.007 | 503 | 0.004 | 0.055 | Purging | 0 | 347 |
| 06/05/2016 11:57 PM | 0.008 | 503 | 0.004 | 0.041 | Purging | 0 | 347 |
| 07/05/2016 12:09 AM | 0.003 | 503 | 0.002 | 0.024 | Purging | 0 | 347 |
| 07/05/2016 12:21 AM | 0.007 | 503 | 0.004 | 0.014 | Purging | 0 | 347 |
| 07/05/2016 12:33 AM | 0.011 | 503 | 0.006 | 0.004 | Purging | 0.8 | 103 |
| 07/05/2016 12:45 AM | 0 | 503 | 0.000 | 0.003 | Purging | 0 | 104 |
| 07/05/2016 12:57 AM | 0.002 | 503 | 0.001 | 0.003 | Purging | 0 | 104 |
| 07/05/2016 01:09 AM | 0.005 | 503 | 0.003 | 0.003 | Purging | 0 | 104 |
| 07/05/2016 01:21 AM | 0.021 | 503 | 0.011 | 0.004 | Purging | 0 | 104 |
| 07/05/2016 01:33 AM | 0.02 | 503 | 0.010 | 0.005 | Purging | 0 | 104 |
| 07/05/2016 01:45 AM | 0.01 | 503 | 0.005 | 0.006 | Purging | 0 | 104 |
| 07/05/2016 01:57 AM | 0.026 | 503 | 0.013 | 0.008 | Purging | 0 | 332 |
| 07/05/2016 02:09 AM | 0.013 | 503 | 0.007 | 0.009 | Purging | 1.3 | 302 |
| 07/05/2016 02:21 AM | 0.011 | 503 | 0.006 | 0.008 | Purging | 0 | 295 |
| 07/05/2016 02:33 AM | 0.011 | 503 | 0.006 | 0.007 | Purging | 1.3 | 287 |
| 07/05/2016 02:45 AM | 0.022 | 503 | 0.011 | 0.009 | Purging | 0.3 | 242 |
| 07/05/2016 02:57 AM | 0.017 | 503 | 0.009 | 0.008 | Purging | 0.3 | 246 |
| 07/05/2016 03:09 AM | 0.013 | 503 | 0.007 | 0.008 | Purging | 1.2 | 267 |
| 07/05/2016 03:21 AM | 0.023 | 503 | 0.012 | 0.009 | Purging | 1.2 | 262 |
| 07/05/2016 03:33 AM | 0.014 | 503 | 0.007 | 0.009 | Purging | 1.5 | 280 |



Fumigation Gas Reading Log

Selected Dates: 4/05/2016 and 7/05/2016

| | | | | | | | | |
|---------------------|-------|-----|-------|-------|---------|-----|-----|------------------------------------------|
| 07/05/2016 03:45 AM | 0.02 | 503 | 0.010 | 0.009 | Purging | 0.9 | 266 | |
| 07/05/2016 03:57 AM | 0.025 | 503 | 0.013 | 0.010 | Purging | 0 | 318 | |
| 07/05/2016 04:09 AM | 0.025 | 503 | 0.013 | 0.011 | Purging | 0 | 318 | |
| 07/05/2016 04:21 AM | 0.023 | 503 | 0.012 | 0.011 | Purging | 0.7 | 312 | |
| 07/05/2016 04:33 AM | 0.03 | 503 | 0.015 | 0.013 | Purging | 1.1 | 277 | |
| 07/05/2016 04:45 AM | 0.024 | 503 | 0.012 | 0.013 | Purging | 0 | 295 | |
| 07/05/2016 04:57 AM | 0.011 | 503 | 0.006 | 0.012 | Purging | 0.3 | 273 | |
| 07/05/2016 05:09 AM | 0.027 | 503 | 0.014 | 0.012 | Purging | 1.5 | 285 | |
| 07/05/2016 05:21 AM | 0.01 | 503 | 0.005 | 0.010 | Purging | 1.8 | 294 | |
| 07/05/2016 05:33 AM | 0.021 | 503 | 0.011 | 0.010 | Purging | 0 | 278 | |
| 07/05/2016 05:45 AM | 0.023 | 503 | 0.012 | 0.010 | Purging | 0 | 238 | |
| 07/05/2016 05:58 AM | 0.009 | 503 | 0.005 | 0.009 | Purging | 0 | 312 | |
| 07/05/2016 06:10 AM | 0.026 | 503 | 0.013 | 0.009 | Purging | 1.8 | 270 | |
| 07/05/2016 06:22 AM | 0.055 | 503 | 0.028 | 0.014 | Purging | 2 | 293 | |
| 07/05/2016 07:34 AM | 0.008 | 503 | 0.004 | 0.012 | Purging | 0 | 259 | |
| 07/05/2016 07:46 AM | 0.005 | 503 | 0.003 | 0.011 | Purging | 0 | 259 | |
| 07/05/2016 07:58 AM | 0.004 | 503 | 0.002 | 0.010 | Purging | 0 | 259 | |
| 07/05/2016 08:10 AM | 0.006 | 503 | 0.003 | 0.008 | Purging | 0 | 259 | |
| 07/05/2016 08:22 AM | 0 | 503 | 0.000 | 0.002 | Purging | 0 | 259 | Fumigation clearance certificate issued. |