

Report:

Mercury Emission Testing at the Clean Harbors Sarnia Facility (June 2020)

Date: July 14, 2020





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Table of Contents

| | Page |
|--|--------------|
| EXECUTIVE SUMMARY | 4 |
| INTRODUCTION | 5 |
| SAMPLING LOCATION | 5 |
| SAMPLING METHODOLOGY | 6 |
| ANALYSIS METHODOLOGY | 7 |
| QUALITY ASSURANCE/QUALITY CONTROL PRO | OGRAM 7 |
| RESULTS | 8 |
| FACILITY PROCESS DATA | |
| APPENDIX 1 Data Tables APPENDIX 2 Mercury Field Data Sheets APPENDIX 3 ORTECH Equipment Calibration APPENDIX 4 Mercury Analytical Report APPENDIX 5 Clean Harbors Process Data | n Data |
| | INTRODUCTION |



EXECUTIVE SUMMARY

ORTECH Consulting Inc. (ORTECH) was requested by Clean Harbors Canada Inc. (Clean Harbors) to conduct a mercury emission testing program at the incineration facility located in Corunna, Ontario.

Mercury emission tests were performed at the Incinerator Exhaust Stack following the procedures outlined in US EPA Method 30B, "Determination of Total Vapour Phase Mercury Emissions from Coal-Fired Combustion Sources Using Carbon Sorbent Traps" to determine the amount of total vapour phase mercury present in the gas stream.

The test method states that the recovery spike must be within 50 to 150 percent of the expected mass collected in the traps during sampling. Six pairs of tube samples were collected during one day of testing on June 23, 2020. To ensure that at least one of the spike concentrations would fall within the concentration range requirements of the test method one tube from each of the six pairs of adsorbent tubes were spiked with increasing amounts of mercury, ranging from 100 ng to 2000 ng, by the analytical laboratory prior to commencing the test program.

The results of three of the pairs of tubes, including the spike that best represented the mercury concentration in the stack gas at the time of testing, are reported.

The average combustion gas values for each test period were obtained from the plant continuous emission monitoring (CEM) system. The average oxygen concentration for each test was used to determine the dry reference concentration adjusted to 11% oxygen.

The average mercury emission data from the triplicate total vapour phase mercury tests reported is provided below:

| Mercury Parameter | Average |
|--|---------|
| Dry Reference Concentration (μg/Rm³)* | 2.45 |
| Dry Adjusted Concentration (μg/Rm ³)** | 2.17 |

- * reference conditions are 25°C and 1 atmosphere
- ** at 25°C and 1 atmosphere, adjusted to 11% oxygen

During the emission testing program, the powdered activated carbon (PAC) injection rate was 26.6 lb/hr.



1. INTRODUCTION

ORTECH Consulting Inc. (ORTECH) was requested by Clean Harbors Canada Inc. (Clean Harbors) to conduct a mercury emission testing program at the incineration facility located in Corunna, Ontario.

Mercury emission tests were performed at the Incinerator Exhaust Stack following the procedures outlined in US EPA Method 30B to determine the amount of total vapour phase mercury present in the gas stream.

The average combustion gas values for each test period were obtained from the plant continuous emission monitoring (CEM) system. The average oxygen concentration for each test was used to determine the dry reference concentration adjusted to 11% oxygen.

Six pairs of adsorbent tubes were collected during one day of sampling on June 23, 2020. The spike tubes from each test pair were spiked with increasing amounts of mercury, ranging from 100 ng to 2000 ng, prior to commencing the test program to ensure that at least one of the spike concentrations would fall within the concentration range requirements of the test method. The test method states that the recovery spike must be within 50 to 150 percent of the expected mass collected in the traps during sampling. The results of three of the pairs of tubes, including the spike that best represented the mercury concentration in the stack gas at the time of testing, are reported.

All tables referenced herein are included in Appendix 1.

2. SAMPLING LOCATION

The Incinerator Exhaust Stack has an inside diameter of 1.52 meters at the sampling platform and 1.22 meters at the stack exit. The stack height above grade is 68.6 meters.

Mercury sampling was conducted at the breeching connecting the induced draft fan to the stack. Sampling was conducted at a single point in the center of the duct.

Previous testing programs conducted by ORTECH at the Clean Harbors Incinerator Exhaust Stack have shown that there is no stack gas stratification between the breeching connecting the induced draft fan to the stack and the stack sampling platform location.



3. SAMPLING METHODOLOGY

Mercury emission tests were performed following the procedures outlined in US EPA Method 30B, "Determination of Total Vapour Phase Mercury Emissions from Coal-Fired Combustion Sources Using Carbon Sorbent Traps".

ORTECH used a dual probe assembly so that the mercury traps are positioned 1 to 2 inches apart. Each probe was heated to approximately 135°C to prevent condensation of the stack gas on the sampling media. The mercury traps used for sampling are specially designed for use at wet sources; each tube had an extended section of glass to allow for the heating of the stack gas before it comes into contact with the sampling media.

The sampling methodology is briefly described as follows. Each sorbent trap was removed from the clean sorbent trap storage container, the end caps were removed from the traps and the traps were attached to the end of the sampling probe and leak checked. The probe was inserted into the stack and the sample pumps were started. Stack gas was drawn through the traps and into the sampling probe and the sampled gas stream then passed through a series of empty impingers followed by a silica gel trap to remove any remaining traces of moisture prior to the pump and dry gas meter.

A run consisted of paired mercury traps, identified as either A or B, sampled simultaneously. In each tube pair one of either the A or B tube was spiked with a known quantity of mercury. Due to the variability in the mercury concentration in the stack gas and the necessity to have the spiked tubes prepared at least two weeks in advance of the testing program, six pairs of tubes were used for the sampling program to ensure that at least one of the spike concentrations would fall within the concentration range requirements of the test method.

Each test run was approximately sixty minutes in duration at an approximate sampling rate of one liter per minute.

Throughout each test, the following information was measured and recorded for each sampling train:

- Elapsed sampling time
- Dry gas meter volume
- Dry gas meter temperatures
- Control module orifice pressure
- Sampling pump vacuum

At the start and finish of each sampling run the sampling trains were leak-checked. The leakage rate for each train must not exceed 4% of the average sampling rate for the collection period. If a trap pair did not have an acceptable initial leak check, the leak was found and repaired and/or the traps were replaced with a new pair until no leak was discernible. All the leak checks performed for the traps used showed no discernible leak through the test train.



Field testing data sheets for the mercury tests are provided in Appendix 2.

All of the sampling equipment used during the emission testing program was calibrated following the applicable reference method. Equipment calibration data is provided in Appendix 3.

4. ANALYSIS METHODOLOGY

At the end of each successful sampling run, the mercury traps were removed from the test train, capped and placed in their appropriate sample container. Each trap was labeled prior to being shipped to Ohio Lumex for analysis.

The traps were analyzed by thermal decomposition with atomic absorption following the procedures detailed in US EPA Method 7473 (direct thermal desorption with atomic absorption and no gold amalgamation). The method is applicable for total mercury "direct" testing of 40 CFR Part 75 Appendix K and EPA Method 30B sorbent traps.

The analysis is briefly described as follows. The sorbent trap tube end cap is removed; the glass wool plug closest to the appropriate carbon bed is carefully removed and separated from the carbon fraction. The sorbent is transferred into a quartz ladle and then covered with anhydrous sodium carbonate. The ladle is inserted into the heated analyzer thermo catalytic conversion chamber. Mercury is converted from a bound state to the atomic state by thermal decomposition in the furnace and is then detected by atomic absorption. The mercury concentration is measured and recorded using an automated data acquisition system. Both the glass wool plug and the sorbent of each bed are analyzed for the trap and the final mercury mass is the sum of the measurements.

The Ohio Lumex analytical report for total vapour phase mercury is provided in Appendix 4.

5. QUALITY ASSURANCE/QUALITY CONTROL PROGRAM

The analysis of samples for mercury was performed by thermal decomposition with atomic absorption. Specific analytical QC procedures for the mercury analysis are summarized below:

- Calibrations are performed on the day of the analysis.
- Three or more calibration points are used for the calibration curve.
- The field samples analyzed must fall within a calibrated range.
- For each calibration curve, $R^2 \ge 0.99$, and the analyzer response must be within \pm 10% for each standard used in the calibration.
- Following calibration, a second source standard is analyzed. The measured value of the independently prepared standard must be within ± 10% of the expected value.
- A blank analysis is conducted prior to analyzing the samples and must be less than the method detection limit.
- At the end of each set of analysis, a calibration standard is tested which must be within ±10% of the expected value.



Six unspiked mercury traps and six pre-spiked mercury traps were ordered approximately two weeks before the field testing program from Ohio Lumex. The pre-spiked mercury traps were spiked with known quantities of mercury ranging from 100 ng to 2000 ng in order to ensure that at least one of the traps met the spiking criterion stated in the test method. The recovery spike must be within 50 to 150 percent of the expected mass collected in the traps during sampling according to the test method. The spiking levels for the field recovery traps was estimated using mercury emission data from previous testing programs conducted between 2014 and 2019. The pre-spiked mercury trap for Test No. 1 (100 ng) was used for spike recovery determination as the concentration best fit the requirements of the QA/QC criteria. The average mercury collected for Test No. 1, Test No. 2 and Test No. 3 (145 ng) was within ±50% of the Test No. 1 spike concentration.

The field spike recovery provides specific verification of the performance of the combined sampling and analytical approach for the test program. Six sets of paired samples, one of each pair which is spiked with a known quantity of mercury, were collected. The samples were analyzed and the spike concentration for Test No. 1 fell within the spike range criterion stated in the test method. The spike recovery for Test No. 1 was 107.7%. US EPA Method 30B requires the spike recovery to be between 85% and 115%.

US EPA Method 30B requires the paired sorbent trap agreement to be \leq 10% relative deviation for mercury concentrations greater than 1 µg/Rm³ or \leq 20% relative deviation for mercury concentrations less than 1 µg/Rm³. If the paired trap agreement is greater than the above stated limits the run is not valid. All of the traps collected during the test program had concentrations greater than 1 µg/Rm³. The average dry adjusted mercury concentration ranged from a low of 2.36 µg/Rm³ (Tube Pair No. 1) to a high of 2.01 µg/Rm³ (Tube Pair No. 3) for the three tests reported. The paired trap agreement was 2.5% for Test No. 1, 5.6% for Test No. 2, and 2.8% for Test No. 3.

6. RESULTS

Six mercury test runs were collected during one day of sampling on June 23, 2020. A run consisted of paired mercury traps, identified as either A or B, sampled simultaneously. The spike tubes from each test pair were spiked with increasing amounts of mercury, ranging from 100 ng to 2000 ng, prior to commencing the test program to ensure that at least one of the spike concentrations would fall within the concentration range requirements of the test method. The results for Test No. 1, Test No. 2 and Test No. 3 are reported.

The sampling schedule is summarized in Table 1. This information includes test dates and times for each of the mercury test runs performed. All test times match plant time.



Mercury emission sample analyses for Test No. 1, Test No. 2 and Test No. 3 are provided in Table 2. Mercury was detected in Section 1 of each trap in quantities greater than the method detection limit (0.74 ng) in all of the traps. Mercury was also collected in Section 2 in three of the six traps in quantities greater than the method detection limit. However, the amount detected in Section 2 was less than 0.7% of the mercury collected in Section 1 in all traps, indicating that there was no breakthrough or potential loss of mercury. US EPA Method 30B recommends that \leq 10% of the total mercury collected should be collected in Section 2 for mercury concentrations greater than 1 μ g/Rm³ or \leq 20% of the total mercury collected should be collected in Section 2 for mercury concentrations less than 1 μ g/Rm³.

Included in Table 2 are the mercury concentration calculations for Test No. 1, Test No. 2 and Test No. 3. The average oxygen concentration measured by the Clean Harbors CEM system for each test was used to determine the dry reference concentration adjusted to 11% oxygen.

Six unspiked mercury traps and six pre-spiked mercury traps were ordered approximately two weeks before the field testing program from Ohio Lumex. The pre-spiked mercury traps were spiked with known quantities of mercury ranging from 100 ng to 2000 ng in order to ensure that at least one of the traps met the spiking criterion stated in the test method. The pre-spiked mercury trap for Test No. 1 (100 ng) was used for spike recovery determination as the concentration best fit the requirements of the QA/QC criteria.

US EPA Method 30B states that it is acceptable to use the field recovery runs as test runs for emission testing as long as they meet the paired trap agreement criteria. The mass of the mercury spike initially present in each of the spiked traps was subtracted from the total mercury collected in Section 1 of the trap. The difference represents the amount of mercury in the stack gas.

The paired trap agreement was 2.5% for Test No. 1, 5.6% for Test No. 2, and 2.8% for Test No. 3. The mercury emission data from the total vapour phase mercury tests is provided below:

| Mercury Parameter | Test 1 | Test 2 | Test 3 | Average |
|-------------------------------|--------|--------|--------|---------|
| Dry Reference Conc. (μg/Rm³)* | 2.65 | 2.44 | 2.26 | 2.45 |
| Dry Adjusted Conc. (μg/Rm³)** | 2.36 | 2.15 | 2.01 | 2.17 |

reference conditions are 25°C and 1 atmosphere

The incinerator exhaust stack mercury concentration limit as stated in Environmental Compliance Approval No. 8-1030-94-006 (formerly Certificate of Approval (Air) No. 8-1030-94-006) is 50 μ g/Rm³ adjusted to 11% oxygen. The mercury concentrations were below this limit during the test program.

The spiked mercury trap recovery calculations are shown in Table 3; the spike recovery for Test No. 1 was 107.7%. US EPA Method 30B requires the spike recovery to be between 85% and 115%.

^{**} at 25°C and 1 atmosphere, adjusted to 11% oxygen



7. FACILITY PROCESS DATA

Incinerator process data was supplied by Clean Harbors personnel for the emission test periods. The process data is provided in Appendix 5 as average values for each test for the following process parameters:

- incinerator feed rates (rich, lean, emulsion and alkaline streams)
- volumetric flowrates (secondary air and stack gases)
- temperatures (primary zone, secondary zone, spray dryer inlet and outlet, stack gases)
- pressures (burner, spray dryer outlet, baghouse differential)
- combustion gas stack concentrations (O₂ and SO₂)
- stack gas opacity
- carbon injection rate

During the emission testing program, the average powdered activated carbon (PAC) injection rate was 26.6 lb/hr.



APPENDIX 1

Data Tables (2 pages)



Table 1: Mercury Test Schedule

| Test Number | Test Date | Samplin | g Period | Sampling Time | |
|----------------|---------------|---------|----------|---------------|--|
| Number | | Start | Finish | min | |
| 1 | June 23, 2020 | 13:20 | 14:20 | 60 | |
| 2 | June 23, 2020 | 14:30 | 15:30 | 60 | |
| 3 | June 23, 2020 | 18:30 | 19:30 | 66 | |
| 4 | June 23, 2020 | 19:39 | 20:39 | 60 | |
| 5 | June 23, 2020 | 20:48 | 21:48 | 60 | |
| 6 | June 23, 2020 | 21:55 | 22:55 | 60 | |

Note: All test times match plant time.



Table 2: Mercury Emission Data

| Test/Run | Tube | N | Nercury Collected | | Dry Gas | Mercury Co | ncentration | Paired |
|----------|---------|-----------|-------------------|-------|-------------------|------------------|-----------------------|-------------------|
| No. | ID | Section 1 | Section 2 | Total | Volume Sampled | Dry Reference | Dry Adjusted | Trap Agreement |
| | | ng | ng | ng | Rm ³ * | μg/Rm³* | μg/Rm ³ ** | % |
| | | | | | | | | |
| 1 | A *** | 159.6 | < 0.74 | 160 | 0.0590 | 2.72 | 2.42 | - |
| | В | 150.4 | <0.74 | 151 | 0.0584 | 2.59 | 2.30 | - |
| | Average | | | | | 2.65 | 2.36 | 2.5 |
| 2 | Α | 152.4 | <0.74 | 153 | 0.0594 | 2.58 | 2.27 | - |
| | B*** | 125.4 | 0.9 | 126 | 0.0548 | 2.30 | 2.03 | - |
| | Average | | | | | 2.44 | 2.15 | 5.6 |
| 3 | A*** | 142.0 | 2.2 | 144 | 0.0657 | 2.20 | 1.95 | - |
| | В | 134.7 | 1.0 | 136 | 0.0584 | 2.32 | 2.07 | - |
| | Average | | | | | 2.26 | 2.01 | 2.8 |
| Average | | | | 145 | | 2.45 | 2.17 | |

Note: Concentration data is only reported for three tests as required by US EPA Method 30B

Table 3: Mercury Spike Tube Recovery

| Test | | Spike Tube | | | Unspike Tube | • | Spike | Spike |
|------|--------------------|-------------------|--------------------------|--------------------|-------------------|--------------------------|---------------|----------|
| No. | Total Collected | Volume Sampled | Mercury Concentration | Total Collected | Volume Sampled | Mercury Concentration | Concentration | Recovery |
| | ng | Rm ³ * | ng/Rm³* | ng | Rm ³ * | ng/Rm³* | ng/Rm³* | % |
| 1 | 260 | 0.0590 | 4413 | 151 | 0.0584 | 2587 | 1826 | 107.7 |
| 2 | 376 | 0.0548 | 6863 | 153 | 0.0594 | 2578 | 4284 | NA |
| 3 | 394 | 0.0657 | 6005 | 136 | 0.0584 | 2322 | 3683 | NA |

Note: The spike tubes were spiked with mercury by the analytical laboratory prior to sampling. The original spike concentrations were 100 ng for Test No. 1, 250 ng for Test No. 2 and 400 ng for Test No. 3.

^{*} At 25°C and 1 atmosphere

^{**} At 25°C and 1 atmosphere, adjusted to 11% oxygen

^{***} Spiked tube, mercury collected corrected for the original spike (100 ng for Test No. 1, 250 ng for Test No. 2 and 400 ng for Test No. 3).

[&]quot;NA" Not Applicable. Spike recovery was not calculated as spike concentration was outside the range specified in US EPA Method 30B.



APPENDIX 2

Mercury Field Data Sheets (7 pages)

Clean Harbors, Sarnia Mercury Tube Sampling Train Sample Volume Corrections

Incinerator Exhaust Stack

| Test # - Tube | DGMCF | Initial DGM | Final DGM | Actual Vol. | Barometric | Average DGM | Average DGM | Corrected | Corrected |
|---|--------|-------------|--|--|--|--|--|--|--|
| (tube pair field ID) | | Reading | Reading | Sampled | Pressure | Pressure | Temperature | Volume | Volume |
| | | (n) | | (1) | (in Hg) | del H (in H ₂ O) | (့) | (U)* | (Rm³)* |
| T1A OL542316 (Spiked) | 1.012 | 4.3 | 64.6 | 60.3 | 28.9 | 2.4 | 26.5 | 59.00 | 0.0590 |
| T1B OL544410 | 1.026 | 87.6 | 147.5 | 59.9 | 28.9 | 6.0 | 30.5 | 58.43 | 0.0584 |
| TOA OLEANAGO | 7 | Ĺ | 000 | , | Ç | | * | (| |
| 12A OLS44438 | T.0.12 | 67.5 | 128.6 | 61.1 | 78.9 | 2.4 | 28.4 | 59.40 | 0.0594 |
| 128 OL528949 (Spiked) | 1.026 | 49.0 | 106.0 | 57.0 | 28.9 | 6.0 | 34.6 | 54.83 | 0.0548 |
| | , | 1 | 9 | | | | | | |
| 13A OL544442 (Spiked) | 1.012 | 30.3 | 0.96 | 65.7 | 29.0 | 2.4 | 21.0 | 65.65 | 0.0657 |
| T3B OL544384 | 1.026 | 7.8 | 66.5 | 58.7 | 29.0 | 6.0 | 25.0 | 58.45 | 0.0584 |
| | | | | | | | | | |
| T4A OL544403 | 1.012 | 0.1 | 61.0 | 6.09 | 29.0 | 2.4 | 20.2 | 90.19 | 0.0611 |
| T4B OL535371 (Spiked) | 1.026 | 72.8 | 122.4 | 49.6 | 29.0 | 6:0 | 25.2 | 49.40 | 0.0494 |
| | | | | | | - | | | annae |
| T5A OL528820 (Spiked) | 1.012 | 91.7 | 147.7 | 56.0 | 29.0 | 2.4 | 21.0 | 56.02 | 0.0560 |
| T5B OL544378 | 1.026 | 24.7 | 82.3 | 57.6 | 29.0 | 6:0 | 25.2 | 57.37 | 0.0574 |
| | | | | | | | | | |
| T6A OL544441 | 1.012 | 52.9 | 110.0 | 57.1 | 29.0 | 2.4 | 20.8 | 57.20 | 0.0572 |
| T6B OL544270 (Spiked) | 1.026 | 83.4 | 143.0 | 59.6 | 29.0 | 6.0 | 24.9 | 59.46 | 0.0595 |
| | | | | | | | * * | | |
| desiration | | | TO PROPERTY OF THE PROPERTY OF | Name of Contract o | ************************************** | WATER THE PROPERTY OF THE PROP | NAMES OF THE PERSON ASSESSMENT OF THE PERSON A | ************************************** | NOTICE DESCRIPTION OF THE PROPERTY OF THE PROP |

* dry at 25°C and 1 atmosphere

| Plant: | Clean Harbors | | Test location: | Stack Breeching |
|---|--|---|---|-----------------------|
| Plant Location: | Corunna | | Date: | June 23, 2020 |
| Test No.: | | | Project No.: | 22031 |
| | | | 1 | T MII |
| T A | | | Measuring Device Control Module | V0572 |
| Train A Tube Identification: 0 | / = kn 31(a | Spiked Yes No | Barometer | ENV. CAN. |
| Spike Concentration | 102 n | | | |
| | | | Barometric Pressure | |
| | | | | |
| Clock | Dry Gas | Average Meter | Meter Pressure | Pump Vacuum |
| Time | Meter | Temperature | ΔH | "Hg |
| | L | °C | "H₂O | Gauge |
| | 142 | 70 | 7.4 | |
| 5 | a s | 7/2 | ラン | |
| 10 | 10/3 | 一 | ラス | |
| 15 | 10:3 | 293 | 1 | 13 |
| 20 | 24. 0 | 2 -7 come | え. ウ. | <u> </u> |
| 25 | 79.4 | 20 | 6 7 4 | 4, |
| 30 | 34.5 | 21 | 24 | 4 |
| 35 | 考 9.6 | マンペー アンペー | 7.4 | |
| 40 | 44.5 | 2.7 | 2.4 | <u> </u> |
| 45 | 46.5 | 7.7 | 0,4 | |
| 50 | 44.5 | 76 | 7,4 | |
| 55 | 555 | U, | 7,4 | \mathcal{Q} |
| 60 | (44.6 | 7.0 | 74_ | |
| | | # 1 | Average DGM Temp: Average DGM Δ H: | ું, પ |
| A contract of the contract of | | | | |
| Train B | | 33/2017 | | |
| Train B Tube Identification: | 0LS41410 | Spiked Yes (No) | Measuring Device | MII |
| Train B Tube Identification: Spike Concentration | | | Measuring Device Control Module | |
| Tube Identification: Spike Concentration | n | Spiked Yes No | Control Module | MII VOS 7 3 |
| Tube Identification: Spike Concentration Clock | n Dry Gas | Spiked Yes No | Control Module Meter | MII VOS 7 3 |
| Tube Identification: Spike Concentration | n | Spiked Yes No | Control Module Meter Pressure | Pump Vacuum |
| Tube Identification: Spike Concentration Clock | Dry Gas Meter | Spiked Yes No | Control Module Meter Pressure Δ H | Pump Vacuum "Hg |
| Tube Identification: Spike Concentration Clock Time | Dry Gas Meter L | Spiked Yes No B Average Meter Temperature | Control Module Meter Pressure | Pump Vacuum |
| Tube Identification: Spike Concentration Clock Time | Dry Gas Meter | Spiked Yes No B Average Meter Temperature | Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 | Dry Gas Meter L | Spiked Yes No Average Meter Temperature °C | Control Module Meter Pressure | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 10 | Dry Gas Meter L G1. G | Spiked Yes No Average Meter Temperature °C | Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 10 15 | Dry Gas Meter L GO. G | Spiked Yes No Average Meter Temperature °C | Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 | Dry Gas Meter L GO. G | Spiked Yes No Average Meter Temperature °C | Control Module Meter Pressure A H "H ₂ O | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 10 15 | Dry Gas Meter L G7. G G7. G G9. G | Spiked Yes No Average Meter Temperature °C | Control Module Meter Pressure A H "H ₂ O O S O S O S | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 | Dry Gas Meter L G1.6 G2.6 G3.7 G4.5 H6.5 | Spiked Yes No B Average Meter Temperature °C 7 7 7 7 7 7 7 7 7 7 7 7 7 | Control Module Meter Pressure A H "H ₂ O | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 | Dry Gas Meter L G1.6 G2.6 G3.6 G4.5 J06.5 | Spiked Yes No B Average Meter Temperature °C 7 7 7 7 7 7 7 7 7 7 7 7 7 | Control Module Meter Pressure A H "H ₂ O O S O S O S | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 | Dry Gas Meter L G1.6 G2.6 G3.101.3 100.5 110.5 | Spiked Yes No B Average Meter Temperature °C 7 7 7 7 7 7 7 7 7 7 7 7 7 | Control Module Meter Pressure A H "H ₂ O O G O G O G O G O G O G O G O | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 | Dry Gas Meter L GO: G GT: G GO: G | Spiked Yes No B Average Meter Temperature °C 2.9 2.9 2.9 2.9 3.9 | Control Module Meter Pressure A H "H ₂ O O G O G O G O G O G O G O G O | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 | Dry Gas Meter L GO: G GT: G GO: G | Spiked Yes No B Average Meter Temperature °C 2.1 2.7 2.7 3.7 3.7 3.7 3.7 3.7 | Control Module Meter Pressure A H "H ₂ O O G O G O G O G O G O G O G O | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 | Dry Gas Meter L GO: G GT: G GO: G | Spiked Yes No B Average Meter Temperature °C 2.1 2.7 2.7 3.7 3.7 3.7 3.7 3.7 | Control Module Meter Pressure A H "H ₂ O O G O G O G O G O G O G O G O | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 60 | Dry Gas Meter L G1.6 G2.6 G3.6 G4.5 106.5 116.5 126.6 136.6 136.6 | Spiked Yes (No) B Average Meter Temperature °C Z-1 Z-1 Z-1 Z-1 Z-1 Z-1 Z-1 Z- | Control Module Meter Pressure A H "H ₂ O O S O S O S O S O S O S O S O | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 60 Start Time: | Dry Gas Meter L G1.G G2.G G3.I G1.G G1.G G1.G G1.G G1.G G1.G G1.G G1 | Spiked Yes (No) B Average Meter Temperature °C Z Z Z Z Z Z Z Z Z Z Z Z Z | Control Module Meter Pressure A H "H ₂ O O G O S O S O S O S O S O S O | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 60 | Dry Gas Meter L GO G | Spiked Yes (No) B Average Meter Temperature °C Z-1 Z-1 Z-1 Z-1 Z-1 Z-1 Z-1 Z- | Control Module Meter Pressure A H "H ₂ O O S O S O S O S O S O S O S O | Pump Vacuum "Hg Gauge |
| Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 60 Start Time: | Dry Gas Meter L G1.G G2.G G3.I G1.G G1.G G1.G G1.G G1.G G1.G G1.G G1 | Spiked Yes (No) B Average Meter Temperature °C 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | Control Module Meter Pressure A H "H ₂ O O G O S O S O S O S O S O S O | Pump Vacuum "Hg Gauge |

| Plant: | Clean Harbors | | Test location: | Stack Breeching |
|--|--|--|--|--|
| Plant Location: | Corunna | | Date: | June 23, 2020 |
| Test No.: 2 | | | Project No.: | 22031 |
| | | | | |
| | | | Measuring Device | MII |
| Train A | <u>(544488</u> | le ii a vaz na l | Control Module | 1 VOST 2- |
| Tube Identification: O | | Spiked Yes No | Barometer | ENV. CAŃ. |
| Spike Concentration | | ng 💚 | Barometric Pressure | |
| | | | <u> Darometric riessure</u> | |
| Clock | Dry Gas | Average | Meter | Pump |
| Time | Meter | Meter | Pressure | Vacuum |
| | | Temperature °C | ΔH "H₂O | "Hg |
| | <u> </u> | | | Gauge |
| 4 7 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 | 445 | | <u> </u> | 1 |
| <u> </u> | 12:5 | 7.7 | <u> </u> | |
| 10 | 1-275 | 29 | <u> </u> | 9 |
| 15 | <u> </u> | 28 | 2.9 | |
| 20 | \$5.9 | | 30 Z2Y | <u> </u> |
| 25 | m 9 | 25 | 3-4 | 4 |
| 30 | 97.8 | 29 | 74 | 4 |
| 35 | 1029 | 79 | 2.4 | <u> </u> |
| 40 | 107,9 | 2 S | <u> </u> | 9 |
| 45 | 107-9 | 7,9 | 24 | |
| 50 | 1180 | -7 9 | 7년 | 4 |
| 55 | 1726 | 28 | てり | G_{i} |
| 60 | 1 10/0 | 40 | 24 | |
| | | 1986 | Inches. | |
| Start Time: /43/ Finish Time: /53/ | | LPM@ // "Hg | | <u> </u> |
| | | | I Commo la Mairima a . | |
| rmisit time. 7500 | ILINGI CEAN CHECK 1 O 1 | LPM@ ZU "Hg | Sample Volume: | · [] |
| Finisi enie. 7533 | Filial Leak Cleck 7,01 | LPM@ 20 Ag | Average DGM Temp: | 방's ~의 |
| Finist time. (5) (3) | Final Lean CiteCh 7.0 | LPMW ZO Hg | | ^{: 농 -} 3 - 작. |
| | Final Loak Citety & C | LPMW ZO Hg | Average DGM Temp: | |
| Train B | Of STOCIES | | Average DGM Temp: Average DGM Δ H: | <u> थ्र</u> ा |
| Train B Tube Identification: <i>(</i> | LSIBYR | Spiked Yes No | Average DGM Temp: Average DGM Δ H: Measuring Device | |
| | LSIBYR | | Average DGM Temp: Average DGM Δ H: | <u> थ्र</u> ा |
| Train B Tube Identification: <i>(</i> | LSIBYR | Spiked Yes No | Average DGM Temp: Average DGM Δ H: Measuring Device | <u> थ्र</u> ा |
| Train B Tube Identification: C Spike Concentration 7 | 1558948° . | Spiked Yes No | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module | MII VOST 3 Pump Vacuum |
| Train B Tube Identification: C Spike Concentration 7 | Dry Gas Meter | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H | Pump Vacuum "Hg |
| Train B Tube Identification: Spike Concentration Clock Time | SZBCHG Dry Gas | Spiked Yes No Average Meter | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | MII VOST 3 Pump Vacuum |
| Train B Tube Identification: (2) Spike Concentration (2) Clock Time | Dry Gas Meter | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H | Pump Vacuum "Hg |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 | Dry Gas Meter | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 | Dry Gas Meter | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | MII Vost 3 Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 | Dry Gas Meter | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 | Dry Gas Meter | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 | Dry Gas Meter L UG-U 53.5 58.2 68.4 | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM \(\Delta \) H: Measuring Device Control Module Meter Pressure \(\Delta \) H \(\Begin{array}{c} \Delta \) \(\O \) \(\O \) \\ \O \) \(\O \) \(\O \) \\ \O \) \(\O \) \(\O \) \(\O \) \(\O \) \\ \O \) \(\O \ | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: C Spike Concentration 7 Clock Time 0 5 10 15 20 | Dry Gas Meter | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 | Dry Gas Meter L UG-U 53.5 58.2 68.4 | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O O - S O - S O - S | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 | Dry Gas Meter L UG-U 53.5 58.2 68.4 | Spiked Yes No | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O O - S O - S O - S O - S | MII Vost 3 Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 | Dry Gas Meter L U.G. U 53.5 58.2 63.1 68.1 73.9 | Spiked Yes No | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O O - S O - S O - S O - S | MIII VOSTS Pump Vacuum "Hg Gauge |
| Train B Tube Identification: C Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 | Dry Gas Meter L U.G. U 53.5 58.2 63.1 68.1 73.9 | Spiked Yes No | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O O - S | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 | Dry Gas Meter L U.G. U 53.5 58.2 63.1 68.1 73.9 | Spiked Yes No | Average DGM Temp: Average DGM \(\Delta \text{H} : Measuring Device Control Module Meter Pressure \(\Delta \text{H} \) \(\O - \Section \) \(\ | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: C Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 | Dry Gas Meter L UG-U 53-5 58-2 68-1 17-6 96-1 96-1 107-0 | Spiked Yes No | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 | Dry Gas Meter L UG. U 53.5 53.2 68.1 13.9 96.0 96.0 | Spiked Yes No | Average DGM Temp: Average DGM \(\Delta \text{H} : Measuring Device Control Module Meter Pressure \(\Delta \text{H} \) \(\O - \Section \) \(\ | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 | Dry Gas Meter L UG-U 33-5 58-2 68-1 97-0 98-6 97-0 98-6 97-0 98-6 97-0 98-6 97-0 98-6 98-8 | Spiked Yes No ng Average Meter Temperature °C 333 333 433 LPM@ / S"Hg | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S O - S | MIII Vost 3 Pump Vacuum "Hg Gauge 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 60 | Dry Gas Meter L UG-U 53.5 58.2 68.1 17.9 96.1 107.0 107.0 Initial Leak Check 6.0 | Spiked /Yes No ng Average Meter Temperature °C 333 333 333 333 333 333 333 333 333 | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O O - S O - | MIII VOSTS Pump Vacuum "Hg Gauge Gauge |
| Train B Tube Identification: | Dry Gas Meter L UG-U 33-5 58-2 68-1 97-0 98-6 97-0 98-6 97-0 98-6 97-0 98-6 97-0 98-6 98-8 | Spiked Yes No ng Average Meter Temperature °C 333 333 433 LPM@ / S"Hg | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O O - S O - S O - S O - S O - S O - S O - S Average DGM Temp: 3 | MIII VOSTS Pump Vacuum "Hg Gauge Gauge |

| Plant: | Clean Harbors | | Test location: | Stack Breeching |
|---|--|--|---|---|
| Plant Location: | Corunna | | Date: | June 23, 2020 |
| Test No.: | 4 | | Project No.: | 22031 |
| | | | <u> </u> | · · · · · · · · · · · · · · · · · · · |
| | | | Measuring Device | MII |
| Train A | | | Control Module | V057 2 |
| Tube Identification: 💋 | ZUWUT | Spiked / Yes No | Barometer | ENV. CAN. |
| Spike Concentration | (4)() | ng C | | |
| | 72 | -0 | Barometric Pressure | |
| | | | | |
| Clock | Dry Gas | Average | Meter | Pump |
| Time | Meter | Meter | Pressure | Vacuum |
| A Agrican in the | a sanat kana ka | Temperature | ΔН | "Hg |
| 4 | L | °c | "H₂O | Gauge |
| 0 | 50.2 | 1 250 | 7.4 | |
| 5 | | | | |
| | 4-25-2- | + 3 | | |
| 10 | + | | | 4 |
| 15 | 455 | 4 | | 45 |
| 20 | 4 4 4 | 24 | | |
| 25 | | 24 | | 45 |
| 30 | 1 だろう | 71 | | 4 |
| 35 | アニュモ | 71 | | 4 9 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 40 | 上場ったぞ | 4/ | | 7 |
| 45 | 1 | 劣 | | |
| | | 1 2 | | |
| 50 | 1 / 1/20 | 4 | | 4 |
| 55 | 1 70 0 | 1 4 | | 4 |
| 60 | <u> </u> | I was a second of the consequence | | |
| 1990 | | | Fig. 1. | |
| Start Time: 1543 | | LPM@ Z6 "Hg | DGMCF: | 1,012 |
| | | A CONTRACTOR OF THE CONTRACTOR | | [일본 경기 하고요 원호 리스토 기내기 전 사고 하나 되는 사람 하는 사람들이 모르는 것이다. 그 사람들은 원호를 받아 나를 |
| Finish Time: / 우얼) | Final Leak Check | LPM@ Zu "Hg | Sample Volume: | 69 |
| | Final Leak Check <u> </u> | | Average DGM Temp: | 约 |
| | Final Leak Check Z | LPM@ 70 "Hg | | |
| 3 HILDERM | Final Leak Check Z | | Average DGM Temp: | 21 |
| 3 HLDERY | Final Leak Check Z | | Average DGM Temp: | 21 |
| 3 HILDELDY Train B | | | Average DGM Temp: Average DGM Δ H: | <u> </u> |
| Z HILDERAN Train B Tube Identification: | OL 34139M | Spiked Yes No | Average DGM Temp: Average DGM Δ H: Measuring Device | 21 |
| 3 HILDELDY Train B | OL 34139M | | Average DGM Temp: Average DGM Δ H: | <u> </u> |
| Z HILDERY Train B Tube Identification: Spike Concentration | oranam | Spiked Yes No | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module | 74 74 1 Vos 7 3 |
| Train B Tube Identification: Spike Concentration Clock | OL SIN 3904 Dry Gas | Spiked Yes No | Average DGM Temp: Average DGM \(\Delta \text{ H:} \) Measuring Device Control Module Meter | MII Vos 7 3 Pump |
| Z HILDERY Train B Tube Identification: Spike Concentration | oranam | Spiked Yes No Average Meter | Average DGM Temp: Average DGM A H: Measuring Device Control Module Meter Pressure | MII VOS 7 3 Pump Vacuum |
| Train B Tube Identification: Spike Concentration Clock | OL SH 3SM | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H | Pump Vacuum "Hg |
| Train B Tube Identification: Spike Concentration Clock Time | OL SIN 3904 Dry Gas | Spiked Yes No Average Meter | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | MII VOS 7 3 Pump Vacuum |
| Z HILDERY Train B Tube Identification: Spike Concentration Clock Time | OL SH 3SM | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H | Pump Vacuum "Hg |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 | OL SH 3SM | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 | Dry Gas Meter | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 | OL SH 3SM | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 | Dry Gas Meter | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 | Dry Gas Meter L | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 | Dry Gas Meter L | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 | Dry Gas Meter L | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 | Dry Gas Meter L | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 | Dry Gas Meter L | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | MII VOS 7 3 Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 | Dry Gas Meter L | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 | Dry Gas Meter L | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM \(\Delta \text{ H:} \) Measuring Device Control Module Meter Pressure \(\Delta \text{ H} \) \(\Begin{array}{cccccccccccccccccccccccccccccccccccc | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 | Dry Gas Meter L | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 | Dry Gas Meter L | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM \(\Delta \text{ H:} \) Measuring Device Control Module Meter Pressure \(\Delta \text{ H} \) \(\Begin{array}{cccccccccccccccccccccccccccccccccccc | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 60 | Dry Gas Meter L | Spiked Yes No Average Meter Temperature | Average DGM Temp: Average DGM \(\Delta \text{ H:} \) Measuring Device Control Module Meter Pressure \(\Delta \text{ H} \) \(\Begin{array}{cccccccccccccccccccccccccccccccccccc | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 60 Start Time: | Dry Gas Meter L 7.9 1 | Spiked Yes No ng Average Meter Temperature °C 25 25 25 25 25 25 25 25 25 25 25 25 25 | Average DGM Temp: Average DGM \(\Delta \text{ H:} \) Measuring Device Control Module Meter Pressure \(\Delta \text{ H} \) \(\Begin{array}{cccccccccccccccccccccccccccccccccccc | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 60 | Dry Gas Meter L 7.9 12.9 13.9 1 | Spiked Yes No ng Average Meter Temperature °C 25 25 25 25 25 25 25 25 25 25 25 25 25 | Average DGM Temp: Average DGM \(\Delta \text{ H:} \) Measuring Device Control Module Meter Pressure \(\Delta \text{ H} \) "H2O \(\Delta \text{ CO} \) DGMCF: | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 60 Start Time: | Dry Gas Meter L 7.9 12.9 13.9 1 | Spiked Yes No Average Meter Temperature °C 25 25 25 25 25 25 25 25 25 2 | Average DGM Temp: Average DGM \(\Delta \text{ H:} \) Measuring Device Control Module Meter Pressure \(\Delta \text{ H} \) "H2O \(\Delta \text{ CO} \) DGMCF: | Pump Vacuum "Hg Gauge |
| Train B Tube Identification: Spike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 60 Start Time: | Dry Gas Meter L 7.9 12.9 13.9 1 | Spiked Yes No ng Average Meter Temperature °C 25 25 25 25 25 25 25 25 25 25 25 25 25 | Average DGM Temp: Average DGM \(\Delta \text{ H:} \) Measuring Device Control Module Meter Pressure \(\Delta \text{ H} \) \(\Text{ H} \) DGMCF: Sample Volume: | Pump Vacuum "Hg Gauge |

| Plant: Plant Location: | Clean Harbors | | Test location: | Stack Breeching |
|---------------------------------------|------------------------|----------------|--|---|
| Test No.: | Corunna LJ | | Date: | June 23, 2020 22031 |
| TEST NO. | | | Project No.: | 77021 |
| | | | Measuring Device | Mil |
| Train A | | \sim | Control Module | 10572 |
| Tube Identification: | 01/44403 | Spiked Yes/No/ | Barometer | ENV. CAN. |
| Spike Concentration | | ng | | |
| | | | Barometric Pressure | |
| Clock | Dry Gas | Average | Meter | Pump |
| Time | Meter | Meter | Pressure | Vacuum |
| THE WORLD | | Temperature | ΔΗ | "Hg |
| | A MARKALAN | <u></u> °C | "H₂O | Gauge |
| 0 | 0.1 | 4 | 7.4 | |
| 5 | | 70 | | 6 |
| 10 | 10.2 | ر ترکی ا | | 45 |
| 15 | 15.2 | 20 | 2.00 00 00 | 1 |
| 20 | 70 Z | 20 | | 4 |
| 25 | 75 3 | 7,0 | | Maria Santa S |
| 30 | 70.3 | 70 | | 4 |
| 35 | 4つ | 20 | | 4 |
| 40 | 1100 7 | 53 | | + 4 |
| 45 | 一世老生 | 70 | | 2 |
| 50 | | ート・ケカー | | + 2 |
| 55 | | - L | | Q. |
| 60 60 | | + +2 | - \(\lambda\) | |
| - | -1-3 | | | |
| | | | Average DGM Δ H: 2 | |
| Train B | | | 195 - | |
| Tube Identification: | <u> </u> | Spiked (Yes/No | Measuring Device | MII |
| Spike Concentration | <u> </u> | ng | Control Module | 1 VOST 3 |
| Clock | Dry Gas | Average | Meter | Pump |
| Time | Meter | Meter | Pressure | Vacuum |
| | | Temperature | ΔΗ | "Hg |
| | | °C: | "H ₂ O | Gauge |
| A A A A A A A A A A A A A A A A A A A | 12.4 | 2.4 | 0.9 | |
| 5 | 77.0 | 24 | | -4 |
| 10 | 431.2 | 7.1 | | 45 |
| 15 | 55.4 | 7号 | | 4 |
| 20 | 49.6 | うら | | 1 4 |
| 25 | 93,4 | 75 | | ' |
| 30 | 94.8 | 一方字 | | 4 |
| 35 | 167.7 | નર્ક | | 4 |
| 40 | Infa.U | - jta | Part of the second seco | 4 |
| 45 | 一十分为太 | 一片 | | -6 |
| 50 | 11112 | 一一代。 | | |
| 55 | | - H 26 | 3, 404 | $+$ α $-$ |
| 60 | 15717 | 1 76 | | |
| | | | | 1 / |
| Start Time: 1930 | Initial Leak Check 201 | LPM@ ZW "Hg | DGMCF: 1,()* | 7 (2 |
| Finish Time: 203 | | | | |
| | Final Leak Check / 70/ | LPM@ 20 "Hg | Sample Volume: 44 | 1.6 |
| Operator: | Final Leak Check / 101 | LPM@ 20 "Hg | Sample Volume: 40 Average DGM Temp: 7 | 1.6 5. Z |

| Plant: | Clean Harbors | | Total | Charle Property |
|----------------------|---|---|--|--|
| Plant Location: | Corunna | | Test location: Date: | Stack Breeching June 23, 2020 |
| Test No.: | COTATINO Circu | | Project No.: | 22031 |
| <u> </u> | manifest of the second | | | Sim Sim Tell and also |
| | | | Measuring Device | Mil |
| Train A | | | Control Module | 1/05/7 9 |
| Tube Identification: | <u> </u> | Spiked (Yes /No | Barometer | ENV. CAN. |
| Spike Concentration | | _ng | | |
| | | | Barometric Pressure | |
| Clock | Dry Gas | Average | Meter | Pump |
| Time | Meter | Meter | Pressure | Vacuum |
| the thirt has been | | Temperature | ΔН | "Hg |
| | | °C | "H ₂ O | Gauge |
| 0 | | <u>'</u> | 24 | 4 |
| 5 | 4.9 | <u> 2i</u> | | 药 |
| 10 | <u> </u> | , and | | 9 |
| 15 | 105.5 | 21 | | 4 |
| 20 | 110.5 | <u> </u> | | 9 |
| 25 | <u> </u> | 71 | | 46 |
| 30 | 120.0 | 2(| | 4 |
| 35 | 129 | 2 | | 45 |
| 40 | 179.4 | | | 45 |
| 45 | ママ レ | 21 | | 6 |
| 50 | トラギ コ | - J | | |
| 55 | ートロインコー | 2(| () | 4 |
| 60 | | | | |
| | | 1000000 | | |
| Train B | | | | |
| Tube Identification: | 0134318 | Spiked Yes No | Measuring Device | MII |
| Spike Concentration | | _ng | Control Module | <u> </u> |
| Clock | Dry Gas | Average | Meter | Pump |
| Time | Meter | Meter | Pressure | Vacuum |
| | | Temperature | ΔΗ | "Hg |
| | | °C. | "H₂O | Gauge |
| 0 | 24.2 | 4, | - 09 | EN LES ESTE EN LA CENTRAL DE LA CONTRA L |
| 5 | <u> </u> | 26 | | |
| 10 | 33.65 | 76 | | 4 |
| 15 | 38.6 | 25 | | |
| 20 | 43.4 | 15 | | q |
| 25 | 46.1 | 25 | | Q |
| 30 | 49. 0 | -25 | | 4 |
| 35 | 47.7 | 725 | | T G |
| 40 | 67.7 | 75 | | 9 |
| 45 | 67.5 | 25 | | Company Company |
| 50 | 77.3 | -25 | | |
| 55 | 720 | 25 | | 4 |
| 60 | 452.5 | 25 | <u> </u> | |
| | | | 10 (40 A) | |
| Start Time: クルノム | Initial Leak Check / O | LPM@ 20 "Hg | DGMCF: 110 | 740 |
| Finish Time: | Final Leak Check | (LPM@ 70 "Hg | Sample Volume: 5 | |
| | | Fig. 1. Sec. at the contact that the formula is \$100 miles and the entire \$100. | Average DGM Temp: Z | 5.2 |
| Operator: | | | | 74 |

| | | The state of the s | | |
|--|--|--|--|--|
| Plant: | Clean Harbors | | Test location: | Stack Breeching |
| Plant Location: | Corunna | | Date: | June 23, 2020 |
| est No.: | (2) | | Project No.: | 22031 |
| | | | | |
| | | | Measuring Device | MII |
| Frain A | - Nelson Alexandria († 1865) | \sim | Control Module | V0517 |
| Tube Identification: りし | <u> </u> | Spiked Yes/No / | Barometer | ENV. CAN. |
| pike Concentration 🔑 | 는 호석 2 | | | |
| | | | Barometric Pressure | |
| | | | | |
| Clock | Dry Gas | Average | Meter | Pump |
| Time | Meter | Meter | Pressure | Vacuum |
| | | Temperature | ΔH | "Hg |
| | | 000000000000000000000000000000000000000 | "H₂O | Gauge |
| 0 | 52.9 | <u> </u> | 7.4 | |
| 5 | Company of the second | 20 | | <u> </u> |
| 10 | 62.5 | 21 | | 4 |
| 15 | 127.2 | 2(| | |
| 20 | 1 うべ | 7.1 | | |
| 25 | 一台台 | $+$ $ \lambda$ | | 9 |
| 30 | 1 100 | | | |
| | 1 2\\7 | 7 | | |
| 35 | 499 | 2\ | | । ब |
| 40 | | 21 | | - |
| 45 | <u> </u> | <u> </u> | | |
| 50 | 100-9 | 21 | | <u> </u> |
| 55 | 1055 | | | <u> </u> |
| 60 | 11102.0 | 7.1 | V | - |
| | | | ortina (1 de la company) Anti-Alban (1 de la company) | |
| Start Time: 2/55 | | PM@ 20 "Hg | DGMCF: / | <u>017</u> |
| Finish Time: 2んらら | Final Leak Check () (L | PM@ ZO "Hg | Sample Volume: | |
| | | A. A. Santa | Average DGM Temp: Average DGM Δ H: | <u> 70.55</u> |
| | | | Average Dum a 11. | |
| | | The Electronic Condition of the | | |
| Train B | | M | | |
| Tube Identification: のし | -54L070 | Spiked / Yes No | Measuring Device | THE THE PARTY OF T |
| Spike Concentration | | | Control Module | VUST 3 |
| | | | | |
| Clock | Dry Gas | Average | Meter | Pump |
| Time | Meter | Meter | Pressure | Vacuum |
| | 일 - 그 그 말통하셨다. 15. | Temperature | ΔΗ | "Hg |
| | 1.7 | 3°C | "H₂O | Gauge |
| 0 | おりへ | 7,4 | 0,Q | $oldsymbol{\mathcal{U}}$ |
| 5 | 45. Y | 25 | | 4 |
| 10 | 93.0 | 一名 | | |
| 15 | देशें ड | Tie Tie | | |
| 20 | 1 2 2 | | | <u>a</u> |
| ····· | | | | |
| 25 | 1.05.7 | 100 25 | | |
| 30 | 1 103.9 | <u> </u> | | |
| 35 | 11193 <u>-</u> | 1 75 | | 9 |
| 40 | 1232 | <u> </u> | | 9 |
| 45 | 1174.1 | 25 | | C _i |
| 50 | 1327 | 25. | | |
| 55 | 17201 | 1 75 | | 4 |
| 60 | 1 16390' | 75 | V | |
| | - | | | |
| Start Time: 2/35 | Initial Leak Check / ()\ L | PM@ /9 "Hg | DGMCF: /. | 07. |
| Finish Time: 7255 | | PM@ 74 "Hg | | 4.7% |
| | 260,5 | | Average DGM Temp: | Z5.0 |
| Operator: 7231 | 11 | | Average DGM Δ H: | 0.4 |
| and the second s | and the state of t | | Santa and a Communication of the Communication of t | |



APPENDIX 3

ORTECH Equipment Calibration Data (4 pages)

ORTECH Environmental Dry Gas Meter Calibration Data

| | | | | DS. |
|-----------------------|--------------|---------------|---------------------|-------------------|
| 03-3004 | Vost 2 | June 19, 2020 | 29.74 | <0.01 Lpm @ 22"Hg |
| Calibration Procedure | Meter Number | Date | Barometric Pressure | System Leak Check |

 $\mathrm{ft}^3 = \mathrm{cm}^*$ 1.332 litres per cm/28.3168 litres per ft^3

 $DGMCF = \frac{\text{Vstd ft}^3}{\text{Vdgm ft}^3} \frac{\text{Tdgm }^9\text{F} + 460}{\text{Tstd }^6\text{F} + 460}$ (Pb.

| Phar (in. Hg) | (Pbar in. Hg+DGMPressure/13.6) |
|-------------------------|--------------------------------|
| Tdgm ^o F+460 | Tstd °F+460 |

Signature Reviewed and Accepted By

| | MIINUMBERS |
|--|-------------|
| DGM | A10117 |
| Gasometer | V01463 |
| Barometer | COE20028 |
| | |
| Calibrated By | David Utley |
| THE CONTRACTOR OF THE CONTRACT | |

| Time Flow | Rate | The state of the s | 22.5 0.9 | 21 1.0 | 22.3 1.0 |
|-------------------|-------------|--|----------|--------|----------|
| DGM | Calibration | Factor | 1.009 | 1.016 | 1.011 |
| DCM | Outlet | ွ | 28.0 | 30.0 | 31.0 |
| DCM | Pressure | in. H ₂ O | 2.4 | 2.4 | 2.4 |
| DGM Average | Temperature | သို့ | 28.0 | 30.0 | 31.0 |
| DCM | Volume | fk³ | 0.688 | 0.715 | 0.772 |
| DGM Reading | | Final | 115.740 | 35.980 | 57.840 |
| DCIM | | Initial | 96.250 | 15.740 | 35.980 |
| Gasometer | Temperature | ၁့ | 23.0 | 23.5 | 24.0 |
| Gasometer | Volume | ft³ | 0.687 | 0.715 | 0.767 |
| ling | | cm | 14.60 | 15.20 | 16.30 |
| Gasometer Reading | cm | E E | 54.80 | 39.60 | 23.30 |
| Gase | | mitial Estati | 69.40 | 54.80 | 39.60 |

DGMCF AVERAGE

1.012

Acceptance Criteria:

Individual values of DGM calibration factor must be within \pm 1.5% of the average value. If not the calibration must be repeated. Also, the DGMCF average value must be 1.00 \pm 0.05, otherwise the meter must be repaired and/or adjusted as necessary and recalibrated prior to use. (Environment Canada Reference Method EPS 1/RM/8, Section 6)

ORTECH Environmental Trendicator Calibration

| 03-J005 |
|---------------|
| Nutech |
| A10117 |
| June 19, 2020 |
| David Utley |
| |
| |
| |

| Fluke Calibrator Output | Tredicator D | Display Value | Percent Difference |
|-------------------------|-------------------|--|-----------------------|
| (COE 20024) | Before Adjustment | After Adjustment | 1 |
| (°C) | (°C) | (°C) | (%) |
| 0 | 0 | | 0.0 |
| 10 | 10 | | 0.0 |
| 20 | 20 | | 0.0 |
| 50 | 50 | The state of the s | 0.0 |
| 75 | 75 | | 0.0 |
| 100 | 99 | Newson. | 1.0 |
| 125 | 124 | | 0.8 |
| 150 | 149 | | 0.7 |
| 200 | 199 | | 0.5 |
| 300 | 300 | | 0.0 |
| 400 | 400 | | 0.0 |
| 500 | 500 | | 0.0 |
| 600 | 600 | | 0.0 |

% Difference = (micromite - after adjustment reading)x 100 micromite

Acceptance Criteria:

Trendicator display must read within \pm 1.5% of the micromite value at each output. Otherwise, the Trendicator must be repaired and/or adjusted as necessary, and recalibrated prior to use. (MOE Source Testing Code, Version #2, Method 5)

ORTECH Environmental Dry Gas Meter Calibration Data

| Calibration Procedure | 03-J004 |
|-----------------------|-------------------|
| Meter Number | Vost 3 |
| Date | June 22, 2020 |
| Barometric Pressure | 29.62 |
| System Leak Check | 0.01 lpm @ 20 "Hg |

 ft^3 cm* 1.332 litres per cm/28.3168 litres per fl

| | 0 |
|---------|-----------|
| Vdem ft | Tstd 9F+4 |

| Pbar (in. Hg) | (Pbar in. Hg+DGMPressure/13.6) |
|---------------|--------------------------------|
| Tdgm 'F+460 | Tstd °F+460 |

| | Pbar (in. Hg) |
|---------------------------------------|---------------|
| cm/28.3168 litres per ft ³ | Tdgm °F+460 |

| | MII NUMBERS | RS | |
|--------------------------|-------------|----|-----------|
| DGM | 1,175 | | A12010 |
| Gasometer | * 35.55 | | A01463 |
| Barometer | 6.6 | - | COE 20028 |
| | . 110 | | |
| Calibrated By | | ÷ | AB. |
| Signature | Test seg | | |
| Reviewed and Accented By | V 11 | | |

| | | (| | - | | | | Control of the Contro | A STATE OF THE PERSON NAMED IN COLUMN NAMED IN | Company of the Compan |
|---------------------|-------------|----|---------------|---------|-------------|----------------------|--------|--|--|--|
| Casometer Casometer | Casometer | | DGM Reading | | DGM Average | DCM | DCM | DGM | Lime | Flow |
| Volume Temperature | Temperature | | Ţ | Volume | Temperature | Pressure | Outlet | Calibration | | Rate |
| ff³ 'C | | 71 | H. H. | | J, | in. H ₂ O | ာ့ | Factor. | nin. | a |
| 0.734 23.5 6 | | 9 | 98.47 718.9 | 7 0.724 | 30.0 | 6.0 | 30.0 | 1.034 | 20 | 1.0 |
| 0.739 23.5 7 | | 7 | 718.97 739.95 | | 31.0 | 6.0 | 31.0 | 1.020 | 20 | 1.0 |
| 0.743 23.5 7 | | 1 | 739.95 761.07 | 7 0.746 | 33.0 | 6.0 | 33.0 | 1.026 | 20 | 1.1 |

Acceptance Criteria:

Individual values of DGM calibration factor must be within \pm 1.5% of the average value. If not the calibration must be repeated. Also, the DGMCF average value must be 1.00 \pm 0.05, otherwise the meter must be repaired and/or adjusted as necessary and recalibrated prior to use. (Environment Canada Reference Method EPS 1/RM/8, Section 6)

DGMCF AVERAGE
1Lpm 1.026

ORTECH Environmental Trendicator Calibration

| Calibration Procedure | 03-J005 |
|--------------------------|---------------|
| Trendicator Type | Nutech |
| MII | A12010 |
| Date | June 22, 2020 |
| Calibrated By | JB |
| Signature | |
| Reviewed and Accepted By | 196 |

| Fluke Calibrator Output | Tredicator D | isplay Value | Percent Difference |
|-------------------------|-------------------|------------------|-----------------------|
| (COE 20024) | Before Adjustment | After Adjustment | |
| (°C) | (°C) | (°C) | (%) |
| 0 | 0 | | 0.0 |
| 10 | 10 | | 0.0 |
| 20 | 20 | | 0.0 |
| 50 | 50 | | 0.0 |
| 75 | 75 | | 0.0 |
| 100 | 100 | | 0.0 |
| 125 | 125 | | 0.0 |
| 150 | 150 | | 0.0 |
| 200 | 200 | | 0.0 |
| 300 | 300 | | 0.0 |
| 400 | 400 | | 0.0 |
| 500 | 500 | | 0.0 |
| 600 | 600 | - | 0.0 |

% Difference = (micromite - after adjustment reading)x 100 micromite

Acceptance Criteria:

Trendicator display must read within \pm 1.5% of the micromite value at each output. Otherwise, the Trendicator must be repaired and/or adjusted as necessary, and recalibrated prior to use. (MOE Source Testing Code, Version #2, Method 5)



APPENDIX 4

Mercury Analytical Report (1 page)

Sorbent Trap Analysis Report

| Method EPA 7473 ertainty ± 10% MDL 0.74ng | 5ng | Affected Section | HOLDING CORPORATION OF THE PROPERTY OF THE PRO | | T-1 | | | | | | | | | |
|---|-----------------------------|---|--|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Method EPA 74 Method Uncertainty ± 10% MDL 0.74ng | L0Q 5ng | Notes | | | | | | | | | | | | |
| | | Source | Test 1 Tube A | Test 1 Tube B | Test 2 Tube A | Test 2 Tube B | Test 3 Tube A | Test 3 Tube B | Test 4 Tube A | Test 4 Tube B | Test 5 Tube A | Test 5 Tube B | Test 6 Tube A | Test 6 Tube B |
| | | Spike Recovery [%]³ | | | | | | | | | | | | |
| | sch.ca | Breakthrough [%]² | %0.0 | 0.4% | 0.0% | 0.2% | 0.4% | 0.7% | %0.0 | 0.3% | 0.1% | %6:0 | 0.3% | 0.3% |
| ompany ORTECH Contact Jay Grollman Phone Not Provided | Email jgrollman@ortech.ca | Spike Level [ng] | 100 | | | 250 | 400 | | | 909 | 800 | | | 2000 |
| Company ORTECH Contact Jay Grolli Phone Not Prov | Email | Section 3 Mass [ng] | Vojeni politika i kalendari politika kaj kaj kaj kaj kaj kaj kaj kaj kaj k | | | | | | | | | | | |
| | | Total Mass [ng] ¹ | 259.6 | 150.9 | 152.4 | 376.3 | 544.2 | 135.7 | 103.0 | 774.2 | 935.7 | 144.7 | 142.1 | 1972 |
| | | Section 2 Mass [ng] | 0.0 | 0.5 | 0.0 | 6.0 | 2.2 | 1.0 | 0.0 | 2.3 | 6.0 | 1.3 | 0.5 | 5.1 |
| | | Pre-Filter AGS Mass Section 1 Mass Mass [ng] [ng] [ng] | 259.6 | 150.4 | 152.4 | 375.4 | 542.0 | 134.7 | 103.0 | 771.9 | 934.8 | 143.4 | 141.6 | 1967 |
| | | AGS Mass [ng] | - | THE COLUMN TO THE PARTY OF THE | | | | | | | | | | |
| Date 7/6/20 alyst[s] Joe Simon Project 2022030 | standard | Pre-Filter Mass [ng] | tectional Carbonacia (public entropy) (Capabiguage production) | 200 A COLUMN | | | | | | | | | | |
| Date 7/6/20 Analyst[s] Joe Simon Project 2022030 | Furnaround standard | Trap ID | 01542316 | OL544410 | 01544438 | 01528949 | 01544442 | 01544384 | 01544403 | 01535371 | 01528820 | OL544378 | OL544441 | 01544270 |



¹ Total Mass = PF+AGS+S1+S2

² Breakthrough = 52 / [PF+AGS+S1]

³ For PS12B only Spike Recovery = S3 / Spike Level

^RData invalidation qualifier - refer to notes



APPENDIX 5

Clean Harbors Process Data (12 pages)

| PAC he/h | CC_DAC_ET | 26 59075 | 26.538/5 | 27.070 | 25 90875 | 26.53875 | 27.01125 | 26.1975 | 25.935 | 26 69625 | 26.85375 | 27777 | 00 30 | 20.04 | 25,935 | 26.46 | 26.0925 | 26.355 | 25.85625 | 25.90875 | 27.1425 | 25,96125 | 27.32625 | 26.06625 | 26.85375 | 26.775 | 26.1975 | 25.8825 | 27.195 | 25.9875 | 25,96125 | 26.775 | 25,935 | 27.0375 | 26.01375 | 27.11625 | 26.11875 | 25.8825 | 25.27.023 | 25.90875 | 26.90625 | 27.11625 | 27.01125 | 25.96125 | 26.46 | 26,43375 | 26.43375 | 25,90875 | 26.48625 | 27 22625 | 27 1475 | 25 90875 | 26.74875 | 26.88 | 26.80125 | 27.195 | 27.27375 | 27.195 | 26.11875 | 25.90875 | 26.53875 | 27.3 | 25.9 | 26.5 | 0.021.01.00 |
|---------------|---------------|----------|----------|----------|----------|-----------|----------|-----------|------------|------------|------------|------------|----------|-----------|----------|----------|------------|-----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|------------|----------|-----------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|----------|----------|----------|------------|----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|------------|------------|----------|----------|-----------|----------|------------|---------------------------|---------|---------|-------------|
| BH GP | T | 243 5075 | 512.08/5 | 319.125 | 292.875 | 265.875 | 307.3125 | 264.5625 | 286.3125 | 294.625 | 317.25 | 375 0375 | 27 000 | 20000 | 300.625 | 306.875 | 311.125 | 282,375 | 291.5625 | 316.1875 | 321.125 | 255.9375 | 294,6875 | 271.125 | 313.375 | 316.25 | 285.0625 | 295.375 | 319.0625 | 324.6875 | 289.6875 | 300,3125 | 306.3125 | 313.625 | 284.25 | 290.5625 | 311.5 | 320.8125 | 200.23 | 299 9375 | 311.75 | 317.0625 | 286.75 | 302.6875 | 319,4375 | 326.625 | 292.75 | 300.3125 | 309.375 | 20.416 | 290 4375 | 276 6875 | 323.1875 | 258.3125 | 295.25 | 304.25 | 310.5 | 316.4375 | 285.625 | 294.75 | 322.1875 | 326.9 | 255.9 | 299.6 | |
| BH Inlet | _ | 34 | C/T'C6- | 117 075 | -99 375 | -115,5375 | -96.0375 | -104.5125 | -96.075 | 4 26- | Co. | 26 775 | 3767 701 | -104./3/3 | 52.073 | -97.6125 | -93.375 | -101.3625 | -95.625 | -98.7 | -86.175 | 125.4375 | 100.3875 | -106.725 | -104.1 | -92.9625 | -97.5 | -95.5875 | -92.5125 | -86,925 | -107.9625 | -103.275 | -104.0625 | -98.55 | -106.3125 | -98.7375 | -108.075 | 105 301 | -123.323 | -97 5375 | -101.025 | 96- | -99.525 | 106,4625 | -95.475 | -90.975 | -112.725 | -104.2875 | 105.8625 | 100.0 | - | | | 1- | -107,0625 | -102.3375 | -101.925 | 2 | -100.3125 | - 1 | 6.96- | 9,8 | -125,4 | -100.9 | 06 021 47 |
| mmH20 | _ | F | 34.75 | 50.65 | 40.1 | 1 | 10 | | 4 | -31.4 | -30.9 | 27.05 | 27.07 | | 120.7 | 66, 6 | | | 33.8 | -37 | | | -39.8 | -48.05 | -43.75 | -33.4 | -37.95 | -37.8 | -34.95 | | | | 2 | | | | -42.95 | -37.73 | -01.0 | -40.2 | | 1 | -38.8 | | | -31.45 | -47.9 | | 42,4 | 77 05 | 38 55 | -58 95 | -32.85 | 3. | -44.65 | | 4 | -36.95 | -40.65 | -37 | -35 | -25.8 | -61.8 | -40.2 | 1 |
| mmH20 | +- | u | CT7- | 25.2 | -25.4 | -35.55 | -21.5 | -27.6 | -22.75 | -20.6 | -18.7 | 16.65 | 20,01 | 20.40 | CE.C7- | -73.65 | -20.4 | -24.8 | -20.45 | -23.8 | -16.35 | -39.7 | -25.95 | -30.7 | -32.05 | -21.6 | -25.5 | -24.6 | -21.9 | -17.7 | -32.3 | -28.35 | -27.8 | -24.7 | -29.25 | -25.55 | -29.3 | 57.07- | -29 45 | -26.15 | -27.9 | -24.7 | -25.8 | -36.55 | -22.75 | -19.7 | -33.7 | -28.3 | 25.05 | 20.05 | -74.85 | -40.25 | -19.9 | -40.25 | -30,2 | -27.8 | -27.75 | -23.75 | -25.85 | -24.4 | -23.1 | 75.5 | -42.9 | -26.4 | |
| Degrade C | , - | 1, | 107.7 | 1877 | 187.7 | 188.7 | 188.7 | 188.7 | 188.7 | 188.7 | 188.7 | 1887 | 1807 | 100.7 | 100.7 | 188.7 | 189.7 | 188.6 | 188.6 | 188.6 | 188.6 | 189.7 | 189.7 | 189.7 | 189.7 | 190.7 | 189.6 | 189.6 | 189.6 | 188.6 | 188.6 | 188.6 | 188.6 | 188.6 | 188.6 | 188.6 | 188.6 | 107.0 | 187.6 | 188.7 | 188.7 | 188.7 | 188.7 | 187.6 | 187.6 | 187.6 | 186.6 | 186.6 | 186.5 | 186.6 | 186.6 | 186.6 | 186.6 | 186,6 | 186.6 | 186.6 | 186.6 | 186.6 | 186.6 | 186.6 | 186.6 | 190.7 | 186.6 | 188.1 | 4 |
| Degrape C | 1 | 'n | 106.5 | 106.0 | 196.5 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 107 | 107 | 127 | 19/.5 | 19/.5 | 197.5 | 198 | 198 | 198 | 198 | 198.5 | 139 | 199 | 199 | 199 | 198.5 | 198 | 197 | 196.5 | 196.5 | 196.5 | 196.5 | 196.5 | 196.5 | 196 | 190 | 196 | 196 | 196.5 | 196 | 196 | 196 | 195 | 194.5 | 194 | 194.5 | 194.5 | 10/15 | 194 5 | 194.5 | 194.5 | 194 | 194 | 194 | 194,5 | 194.5 | 194.5 | 194.5 | 194.5 | 199.0 | 194.0 | | 1.63080 |
| Degrees C | 1 | 5 | 530.4 | 5.71.2 | 542.2 | 542.9 | 542.4 | 542.2 | 542.8 | 542 | 541.2 | 5.41 | EA2 E | 542.5 | 7 22.0 | 247.0 | 347.4 | 244 | 544.5 | 546 | 545.2 | 546.3 | 547.3 | 547.7 | 547.1 | 544.6 | 543.5 | 541.5 | 539.4 | 537.8 | 539.6 | 538.9 | 539.2 | 538.8 | 538.9 | 537.9 | 539.1 | 339.3 | 539.2 | 539.9 | 539.3 | 537.2 | 536 | 534.4 | 528.2 | 530.6 | 533,9 | 534.2 | 535.0 | 535.3 | 535.1 | 535.4 | 536.2 | 535.3 | 535.4 | 536 | 535.9 | 536 | 535.9 | 536.3 | 536.7 | 547.7 | 528.2 | 539.5 | 16 83243 2 |
| 11 | | 7 | 110/0 | 1106 | 1104.7 | 1106,4 | 1106.7 | 1107.6 | 1107.7 | 1109 | 1109.6 | 1110 9 | 1110.4 | 1100 4 | 1100.4 | 1108.9 | 1108.8 | 1109.7 | 1108.6 | 1109.4 | 0111 | 1112.3 | 1111 | 1110.4 | 1109.1 | 1111.7 | 1111.1 | 1110.8 | 1110 | 1110.7 | 1108.4 | 1107.2 | 1107.3 | 1107.8 | 1108.9 | 1108.6 | 1109.9 | 1111.0 | 1113.1 | 1113.4 | 1113 | 1114.8 | 1114.3 | 1112.7 | 1108.5 | 1110,9 | 1112.1 | 1109 | 1108.1 | 1100.2 | 1108.1 | 1108.9 | 1109.3 | 1110.6 | 1108.9 | 1107.5 | 1106.3 | 1106.9 | 1106.9 | 1107.8 | 1107.4 | 1114.8 | 1104.7 | 1109.4 | 1 |
| Degrees C | | 263 | 1717 063 | 1417,000 | 1415.938 | 1416.938 | 1413.313 | 1418.063 | 1415.563 | 1419,938 | 1418.938 | 1426 188 | 1419 563 | 1417 430 | 771. 640 | 1415.813 | 1418,938 | 1418.438 | 1420.813 | 1421.188 | 1425.563 | 1431.313 | 1422.688 | 1477.688 | 1420.563 | 1422.688 | 1417,438 | 1418,063 | 1414.688 | 1420.563 | 1414.938 | 1410.813 | 1408,688 | 1411.438 | 1411.188 | 1411,063 | 1412.813 | 1413,430 | 1412.063 | 1409,563 | 1406,438 | 1409,438 | 1406.188 | 1404.563 | 1398.938 | 1408.563 | 1403.938 | 1398,688 | 1397.438 | 1402 063 | 1401.438 | 1403,688 | 1405.813 | 1413.688 | 1402.063 | 1400.188 | 1397,313 | 1401.438 | 1398.688 | 1401.688 | 1401.438 | 1431.3 | 1397.3 | 1412.3 | - |
| m3/s Ref Drv | FT-260-RFFDRY | 17 1788 | 16.87635 | 17 51997 | 17,51515 | 18,15079 | 17.5814 | 17.8136 | 17.40237 | 17.87377 | 17.61074 | 17 18735 | | - 1 | | | | _ | | - | | | 2/200 | 1 | 17.18519 | | 17.65816 | 1/,5339/ | -1 | 17.61925 | 17,63668 | | | 4 | 17503 | 1 | -1 - | 1/101/1 | 7 | _ | 1 | 1_ | 1 | | | 88313 | 52913 | | 17 94306 | | 90801 | 33846 | 1_ | _ | 17.76168 | 10.00 | 18.17883 | 17.66921 | 17.70946 | | 17.55055 | 18.7 | 16.9 | 17.8 | 3070777310 |
| m/s | FT-260-VFI | 30.008 | 29 69511 | 31.00664 | 31.04306 | 31.89207 | 30.8156 | 31,08926 | 30.41346 | 31.14626 | 30.86035 | 30.24732 | 30 9104 | 30,5104 | 20.04.20 | 277777 | 30.47714 | 30.48/03 | 25.7423 | 30.74471 | 29.8201 | 31.88003 | 31.05829 | 31.31459 | 30.00989 | 31.08766 | 30.84014 | 30.40585 | 30.05028 | 30.56962 | 30.63343 | 31.47901 | 31.3146 | 31.34608 | 31.39118 | 30.74138 | 30,495/2 | 37 38880 | 31,37525 | 30.87767 | 31.31005 | 31.02256 | 31,23557 | 30.46186 | 31.10779 | 29,95899 | 31.38832 | 31.63752 | 30.45543 | 30,80218 | 30.90843 | 31.48963 | 30.10497 | 32.18421 | 30.93107 | 30,90258 | 31.22419 | 30.24709 | 30.68062 | 29.97047 | 30.15727 | 32.4 | 29.7 | 30.8 | 0.00000000 |
| m3/h | V-209 F | 14741 63 | 14140 51 | 14236.01 | 14089.94 | 13977.58 | 14084.33 | 14045 | 14162.98 | 14061.85 | 14168.6 | 14067.47 | 14213 54 | 14112 42 | 11757 07 | 14732.07 | 14140.31 | 14123.67 | 14753.03 | 14727.87 | 14022.53 | 14709.72 | 14185,45 | 14084.33 | 14084.33 | 14151./4 | 14146.12 | 1415/.36 | 14061.85 | 14056.24 | 14292.19 | 14061.85 | 14185.45 | 14078.71 | 14134.89 | 13910.17 | 14254.1 | 14702.30 | 14157.36 | 14258,48 | 14106.8 | 14005.67 | 14129.27 | 14297.81 | 13943.88 | 14039.38 | 14168.6 | 14061.85 | 14045 | 14151 74 | 13943.88 | 14157.36 | 14168.6 | 14050.62 | 14129.27 | 14028.15 | 14045 | 14151.74 | 13994.44 | 14140.51 | 13994,44 | 14297.8 | 13910.2 | 14121.4 | - |
| m3/h | PV-236 | 16343 75 | 15875 | 16368 75 | 16231.25 | 16250 | 15850 | 16012.5 | 16181.25 | 15700 | 15918.75 | 15787.5 | 16218.75 | 15967 5 | 16107 E | 15000 | 10300 | 107707 | 15000 | 4 | - 1 | 15470 Jr | 1 | C.798CT | 16031.25 | 15937.5 | 57/5191 | 1603/.5 | 15937.5 | 15706.25 | 16562.5 | 2 | 287.5 | | 25 | 1.25 | 15056 75 | 16456 25 | 62.5 | 325 | 1 | | 16037.5 | 0 | 16012.5 | ᇹ | 16787.5 | 16187.5 | 16087 5 | 65.75 | 16043.75 | 150 | 1 | 5975 | 16212.5 | 96.25 | 15881.25 | 15868.75 | 2025 | | 1.25 | 16787.5 | 15700.0 | 16124.3 | 10.1 |
| LPM | Τ | 125 | | 20.4375 | 1 | | 19.8 | 19,35 | 18.9375 | 18,525 | 20.2875 | 1 | 19.65 | 19 2375 | 30 5635 | 20000 | - 1 | _ | | | | 19.38/3 | | | | ZT.U3/2 | 19.3125 | 18.8625 | - 1 | | -1 | | 20.4 | 18.45 | | | 10.05 | | 20,4375 | 18,4875 | _ | 1 | 18.9375 | 20.925 | 20.3625 | 18.675 | 20.2875 | 19.0875 | 20.6625 | 19.0125 | 1 | 1 | 19.7625 | 20.175 | 18,45 | | | | | 20.175 | | 21.0 | | 1 | 1 |
| SCFM | FT-313 P | 925 | 181.05 | 178.875 | 179.475 | 184.5 | 184,425 | 182,025 | 179.775 | 176.925 | 178.875 | 178.65 | 183,225 | 183.6 | 175 275 | 197 175 | 1001 | 107 E | 170 0 | 170.6 | 177 475 | 172 625 | 1/3.023 | 11/45 | 1/3.1/5 | 170.55 | C0'7/T | C/T'0/T | 178.275 | 176.925 | 175.65 | 180.75 | 175.425 | 176.775 | 1/5.2 | 175.875 | 172 025 | 172.053 | 173.1 | 172.95 | 173.325 | 168.075 | 169.875 | 165.975 | 171.075 | 170.55 | 167.625 | 169.725 | 168 825 | 167.55 | 167,925 | 168 | 164.625 | 165.225 | 169.2 | 165.15 | 168.075 | 167.625 | 169.5 | 171.975 | 172.05 | 184.5 | 164.6 | | |
| LPM. | | 75 | 3.0175 | 2.98125 | 2.99125 | 3.075 | 3.07375 | 3.03375 | 2.99625 | 2.94875 | 2.98125 | 2,9775 | 3.05375 | 3.06 | 20175 | 3 03625 | 20000 | 3000 | 20.00 | 2 075 | 27679 6 | 3,000,0 | 2,093/3 | C/CE:7 | 2.88625 | C74977 | 50700 | 2.93625 | 2.97125 | 2.94875 | 2.9275 | 3.0125 | 2.92375 | 2.94625 | 26.7 | 2.93125 | 7,888/5 | 2 8675 | 2,885 | 2.8825 | 2.88875 | 2.80125 | 2.83125 | 2.76625 | 2.85125 | 2.8425 | 2.79375 | 2,82875 | 2.81375 | 2.7925 | 2.79875 | 2.8 | 2.74375 | 2.75375 | 2.82 | 2.7525 | 2.80125 | 2.79375 | 2,825 | 2.86625 | 2.8675 | 3.1 | 2.7 | | |
| LPM | | 46 | 216.36 | 216.27 | 216.135 | 215.955 | 215.37 | 215.955 | 216.045 | 215.73 | 216,945 | 216.27 | 217,08 | 216.36 | 216 215 | 216.012 | 316 315 | 217 215 | 215 275 | 216 955 | 216 955 | 217 125 | 216 216 | CTC.017 | 216./65 | 71,717 | 210.343 | 210.403 | 217.715 | 218.295 | 217.44 | 217.26 | 217.485 | 217.305 | 216.405 | 218.115 | 216 975 | 216.855 | 218.025 | 216.495 | 211.95 | 211.77 | 213.21 | 213.705 | 217.98 | 216.9 | 217.44 | 216.585 | 217.485 | 217.26 | 217.71 | 216.9 | 218.34 | 217.44 | 217.35 | 217.125 | 216.585 | 217.26 | 217.755 | 218.835 | 217.89 | 218.8 | 211.8 | 1 | • |
| LPM | | 163 | 175,8713 | 172,845 | 173.4075 | 169.5263 | 173.6437 | 171 | 171,5625 | 169.7625 | 171.8438 | 171,09 | 171.3713 | 171 99 | 171 2813 | 173 1263 | 1737 | 171 /162 | 172 6087 | 177.025 | 171 2962 | 171 0430 | 175 00 | 1/3,00 | 149.3438 | 104,0437 | 103.21/3 | C47.143 | 164.31/5 | 167,6362 | 163.89 | 162.945 | 166.8713 | 165./35 | 164.11/5 | 166 2000 | 164 6437 | 165 0263 | 166.9162 | 162.5175 | 156.9713 | 159,8175 | 164.835 | 126.7087 | 167.6813 | 167.3438 | 166.635 | 167.8725 | 167,445 | 166.635 | 169.0087 | 167.3438 | 168.1538 | 167,9175 | 167.2087 | 167.1075 | 168,0075 | 167.49 | 167.535 | 167.8725 | 168.1987 | 175.9 | 126.7 | | |
| LPM. | | 9 | | 10.135 | | 9.935 | | 10.085 | 10.255 | 10.04 | | | 10.05 | | 10.07 | | 000 | -1 | | | | 10.040 | 70.30 | 0000 | 10.015 | 77.07 | | | | 86.6 | 10.08 | - 1 | | | | 10.015 | | 10.29 | 9.69 | 10.11 | | | | 1 1 | | | | 10.335 | 10.51 | 9.6 | 9.845 | 1 | | | 10.13 | 9.805 | | 9.92 | | 9.975 | 0.0 | 10.5 | 9.6 | | |
| LPM | | 305 | 32.58 | 32.73 | 33.045 | 32,655 | 32.61 | 32.925 | 32.85 | 32.43 | 33.105 | 32.595 | 32,655 | 32.955 | 32 715 | 32 685 | 27.72 | 33.075 | 32.01 | 33 / 35 | 33.05 | 30.00 | 27.033 | 32.70 | 33.105 | 27.72 | 27.72 | 32,023 | 33.165 | 33.225 | 32.76 | 33.09 | 33.255 | 32.985 | 32.325 | 32.79 | 32 97 | 32.76 | 32.625 | 32.91 | 32.94 | 32.655 | 32.685 | 32,955 | 32.85 | 32.625 | 32.34 | 32,55 | 32,61 | 32,715 | 32.85 | 32.64 | 33.06 | 32.985 | 32,415 | 32.235 | 32.415 | 32.565 | 32,49 | 32.73 | 32.67 | 33,4 | 32.2 | 32.8 | 1 |
| L | \$Time F | 800 | 13:21:00 | 13:22:00 | 13:23:00 | 13:24:00 | 13:25:00 | 13:26:00 | 13:27:00 | 13:28:00 | 13:29:00 | 13:30:00 | 13:31:00 | 13:32:00 | 13.33.00 | 13-34-00 | 13.35.00 | 13.36.00 | 13.37.00 | 13.38.00 | 13.30.00 | 13:40:00 | 13.41.00 | 15.42.00 | 13.42.00 | 10.42.00 | 19.45.00 | 20,42,00 | 13,46,00 | 13:47:00 | 13:48:00 | 13:49:00 | 13:50:00 | 13:51:00 | 13.52.00 | 13.54.00 | 13.55.00 | 13:56:00 | 13:57:00 | 13:58:00 | 13:59:00 | 14:00:00 | 14:01:00 | 14:02:00 | 14:03:00 | 14:04:00 | 14:05:00 | 14:06:00 | 14:08:00 | 14:09:00 | 14:10:00 | 14:11:00 | 14:12:00 | 14:13:00 | 14:14:00 | 14:15:00 | 14:16:00 | 14:17:00 | 14:18:00 | 14:19:00 | 14:20:00 | None in the second second | | |) |
| | \$Date \$ | -06-23 | + | ┺ | _ | - | | _ | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | - | ╀ | ┺ | | 2020-06-23 | | | - | | 1 | _ | 1 | 2020-0202 | 1 | 1 | 4 | 2020-02-23 | | _ | | | 1 | 2020-0202 | 1 | - | 1 | - | - | L | 1 | | 2020-06-23 | | _1 | 1 | 2020-06-23 | 4 | _ | <u> </u> | _ | | | 2020-06-23 | 2020-06-23 | -4 | - | -1- | 2 2 | 2020-06-23 | Мах | Min | Average | /ariance |

| | | CO | HCI | CO2 | H2O | THC | Main O2 | Opacity | SO2 |
|--------------------------|---|----------------|----------------|--------------|----------------|--------------|--------------|--------------|--------------|
| CDot- | ĊTi | PPM | PPM | % | % | PPM | % | % | PPM |
| \$Date 2020-06-23 | \$Time | · | AT-213A-1NEW | AT-213B-1 | | · | AT-261A-1NEW | AT-263 | AT-264-1 |
| 2020-06-23 | 13:20:00 13:21:00 | | 41.14 41.14 | 9.82 9.81 | 51.58 | 13.6 19.2 | 9.62 | 0.33 | 653. |
| 2020-06-23 | | | 41.14 | 9.92 | 51.65 51.95 | 31 | 9.62 9.62 | 0.17 | 655. 672. |
| 2020-06-23 | 13:23:00 | | 41.14 | 10.04 | 52.03 | 10.7 | 9.34 | | 681. |
| 2020-06-23 | 13:24:00 | | 40.07 | 9.91 | 51.56 | 11.6 | 9.34 | ļ | 660. |
| 2020-06-23 | 13:25:00 | 79.51 | 40.07 | 9.86 | 51.43 | 8.4 | 9.34 | 0.58 | 652. |
| 2020-06-23 | 13:26:00 | 63.24 | 40.07 | 9.72 | 51.19 | 11.5 | 9.63 | 0.66 | 637. |
| 2020-06-23 | 13:27:00 | 62.67 | 40.07 | 9.75 | 51.31 | 9.5 | 9.63 | 0.55 | 642. |
| 2020-06-23 | 13:28:00 | 59.81 | 40.07 | 9.74 | 51.22 | 11.3 | 9.63 | 0.58 | 642. |
| 2020-06-23 | 13:29:00 | 60.09 | 40.07 | 9.79 | 51.43 | 9.2 | 9.63 | 0.18 | 650. |
| 2020-06-23 | 13:30:00 | 62.57 | 40.07 | 9.81 | 51.65 | 16.1 | 9.63 | 0.18 | 654. |
| 2020-06-23 | 13:31:00 | 1 | 40.07 | 9.93 | 51.79 | 9.4 | 9.43 | 0.4 | 667. |
| 2020-06-23 | 13:32:00 | 1 | 40.07 | 9.85 | 51.45 | 9.7 | 9.43 | 0.48 | 650. |
| 2020-06-23 | 13:33:00 | 1 | 40.07 | 9.81 | 51.32 | 11.2 | 9.43 | 0.61 | 642. |
| 2020-06-23 | 13:34:00 | 1 | 40.07 | 9.73 | 51.12 | 11.2 | 9.43 | 0.61 | 639. |
| 2020-06-23 | | | 40.07 | 9.74 | 51.3 | 13.5 | 9.43 | 0.55 | 646. |
| 2020-06-23 | 13:36:00 | | 40.07 | 9.81 | 51.46 | 19.8 | 9.43 | 0.58 | 658. |
| 2020-06-23 2020-06-23 | 13:37:00 13:38:00 | ļ | 40.07 | 9.81 | 51.36 | 20.4 | 9.43 | 0.55 | 667. |
| 2020-06-23 | 13:38:00 | ļ | 40.07 40.07 | 9.91 9.97 | 51.53 51.7 | 21.3 32.3 | 9.43 | 0.11 | 672. |
| 2020-06-23 | 13:40:00 | | 40.07 | 10.03 | 51.76 | 10.7 | 9.43 9.43 | 0.42 0.46 | 687. 695. |
| 2020-06-23 | 13:41:00 | | 40.07 | 9.86 | 51.36 | 13.7 | 9.21 | 0.46 | 673. |
| 2020-06-23 | 13:42:00 | | 40.07 | 9.82 | 51.21 | 12.2 | 9.44 | 0.52 | 665. |
| 2020-06-23 | 13:43:00 | | 38.89 | 9.76 | 51.11 | 8.7 | 9.44 | 0.65 | 654. |
| 2020-06-23 | 13:44:00 | 60.12 | 38.89 | 9.63 | 51 | 7.2 | 9.65 | 0.56 | 63 |
| 2020-06-23 | 13:45:00 | 43.45 | 38.89 | 9.26 | 50.77 | 9.1 | 9.65 | 0.56 | 618. |
| 2020-06-23 | 13:46:00 | 38.38 | 40.17 | 9.22 | 50.83 | 7.3 | 9.94 | 0.18 | 616. |
| 2020-06-23 | 13:47:00 | 38.82 | 40.17 | 9.2 | 50.87 | 9 | 9.94 | 0.23 | 617. |
| 2020-06-23 | 13:48:00 | 46.98 | 40.17 | 9.28 | 51.03 | 9.6 | 9.94 | 0.42 | 627. |
| 2020-06-23 | 13:49:00 | | 40.17 | 9.26 | 50.97 | 7.5 | 9.94 | 0.52 | 621. |
| 2020-06-23 | 13:50:00 | | 40.17 | 9.23 | 50.8 | 8.8 | 9.94 | 0.55 | 613. |
| 2020-06-23 | 13:51:00 | | 40.17 | 9.46 | 50.59 | 9.7 | 9.94 | 0.56 | 609. |
| 2020-06-23 | 13:52:00 | | 40.17 | 9.48 | 50.7 | 8.6 | 9.94 | 0.56 | 616. |
| 2020-06-23 | 13:53:00 13:54:00 | | 40.17 | 9.55 | 50.85 | 9.4 | 9.94 | 0.58 | 628. |
| 2020-06-23 | 13:55:00 | | 40.17 40.17 | 9.52 | 50.64 | 10.8 | 9.94 | 0.5 | 61 |
| 2020-06-23 | 13:56:00 | | 40.17 | 9.55 9.65 | 50.67 | 9.5 | 9.94 | 0.18 | 619. |
| 2020-06-23 | 13:57:00 | | 40.17 | 9.72 | 51.09 51.12 | 11.4 7.1 | 9.94 9.73 | 0.36 0.5 | 645. 653. |
| 2020-06-23 | 13:58:00 | | 40.17 | 9.61 | 50.79 | 7.3 | 9.73 | 0.56 | 639. |
| 2020-06-23 | 13:59:00 | | 39.04 | 9.22 | 50.7 | 6.9 | 9.73 | 0.53 | 633. |
| 2020-06-23 | 14:00:00 | | 39.04 | 8.52 | 50.19 | 7.4 | 9.94 | 0.58 | 609. |
| 2020-06-23 | 14:01:00 | 32.02 | 40.81 | 8.84 | 50.45 | 6.7 | 10.15 | 0.52 | 614. |
| 2020-06-23 | 14:02:00 | 31.79 | 40.81 | 8.82 | 50.49 | 7.4 | 10.15 | 0.48 | 619. |
| 2020-06-23 | 14:03:00 | 33.44 | 40.81 | 8.37 | 49.99 | 5 | 10.15 | 0.08 | 586.4 |
| 2020-06-23 | 14:04:00 | 33.59 | 40.81 | 8.14 | 49.36 | 10.6 | 10.4 | 0.18 | 542. |
| 2020-06-23 | 14:05:00 | 55.78 | 40.81 | 8.65 | 49.92 | 9 | 10.68 | 0.36 | 577. |
| 2020-06-23 | 14:06:00 | 52.24 | 41.82 | 8.88 | 50.55 | 7.7 | 9.99 | 0.45 | 625. |
| 2020-06-23 | 14:07:00 | 42.66 | 40.55 | 8.5 | 50.23 | 8.5 | 9.99 | 0.47 | 615. |
| 2020-06-23 | 14:08:00 | 44.06 | 40.55 | 8.53 | 50.16 | 8.8 | 10.2 | 0.52 | 615. |
| 2020-06-23 | 14:09:00 | 48.07 | 40.55 | 8.87 | 50.51 | 10 | 10.2 | 0.5 | 628. |
| 2020-06-23 | 14:10:00 | 53.89 | 40.55 | 9.53 | 50.89 | 9.2 | 9.99 | 0.52 | 641. |
| 2020-06-23 2020-06-23 | 14:11:00 | 54.45 | 40.55 | 9.48 | 50.67 | 11.3 | 9.99 | 0.5 | 641. |
| 2020-06-23 | 14:12:00 14:13:00 | 58.26 63.25 | 40.55 | 9.57 | 51.02 | 10.4 | 9.99 | 0.07 | 646.9 |
| 2020-06-23 | 14:13:00 | 70.83 | 40.55 41.57 | 9.7 | 51.15 51.16 | 13.9 7.2 | 9.99 9.78 | 0.2 | 650 |
| 2020-06-23 | 14:15:00 | 55.9 | 41.57 | 9.69 | 51.16 | 8.1 | 9.78 | 0.36 | 662. |
| 2020-06-23 | 14:16:00 | | 40.21 | 9.22 | 50.63 | 7.4 | 9.78 | 0.43 | 632. |
| 2020-06-23 | 14:17:00 | 41.86 | 40.21 | 8.86 | 50.41 | 8.8 | 10.02 | 0.47 | 626. |
| 2020-06-23 | 14:18:00 | 47.56 | 41.79 | 9.22 | 51 | 7.5 | 10.02 | 0.32 | 641.2 |
| 2020-06-23 | 14:19:00 | 47.56 | 41.79 | 9.55 | 50.92 | 8.7 | 10.02 | 0.40 | 639.0 |
| 2020-06-23 | 14:20:00 | 48.48 | 41.79 | 9.51 | 50.65 | 8.2 | 10.02 | 0.05 | 639. |
| | | | | | 1 | | 20.02 | 3,031 | |
| Vlax | | 176.6 | 41.8 | 10.0 | 52.0 | 32.3 | 10.7 | 0.7 | 695.2 |
| Min | | 31.8 | 38.9 | 8.1 | 49.4 | 5.0 | 9.2 | 0.1 | 542.3 |
| Average | AND RESIDENCE OF THE PROPERTY | 65.5 | 40.4 | 9.5 | 51.0 | 10.9 | 9.78 | 0.4 | 638.3 |
| /ariance | | 1023.0479 | 0.449492186 | | 0.272749 | 26.02872 | 0.089207268 | | 678.4429 |

| ig | | 701-022 SC-FAC-F1 | 0 10 | 27 | 308.25 27.2475 | 1 | 286.3125 27.22125 | 7 | | 1 | 22 | 1 | | | 262 26.8275 | 87.9375 26.4075 | | 2 26.8 | 1 | 2000000 | 318 /375 25 05125 | 315 6175 75 90175 | | | 200000000000000000000000000000000000000 | ľ | 327.3125 27.0375 | 291.5 27.00375 | 26,5373 | 217.7272 76.05075 | | 5 26 | | 322.0625 26.48625 | | | 302.3125 27.3525 | 308.125 25.38125 | 283 125 25 0875 | 375 | 2 2 | 26 | | 295,6875 26,9325 | | | 259.5625 27.27375 | 285.8125 27.27375 | ľ | | | 298.75 25.9875 | | 311.75 27.2475 | 281.9375 27.195 | | | 277.5 25.96125 | | |
|----------------|---------------|-------------------|------------------|-----------|----------------|-----------------|----------------------------|----------|---------|-------------|-----------|------------|-------------|-----------------|-------------|-----------------|-------------|----------|----------|------------|-------------------|-------------------|-----------------|----------|---|----------------|------------------|----------------|----------|-------------------|----------|----------|---------------|-------------------|-----------------|----------------|------------------|------------------|-----------------|----------|------------|-----------|------------|------------------|-----------|--------------|---------------------|-------------------|----------|---------------------|----------|----------------|---------------------|----------------|---------------------|----------|----------|----------------|----------|---|
| \vdash | 0 | -100 875 | -102,4125 | 1 | -97.0875 | | | 3 277 00 | 1 | 7 | | 1 | -105.8625 | _ | 114 | -92.925 2 | 0 1 | -87.7625 | 103.05 | 20 5675 3 | 1 | - 111.45 5 | 1 | - | - | | 1 | -1 | 2/2 | 1 | 1 | -99.1875 | | | 22 | 22 | -100.0875 30 | 1 | 7 | -93 | 1 | 1 | 1 | | - | | - | -93.1125 28 | -86.0625 | -82 725 | +- | 5 | | | -98,475 28 | 1 | 1" | 5 5 | 1 | |
| SDA Inlet | Q | 543 | | | -37.6 | | -40,45 | 20.0 | 10.00 | 4.1.4 | -48,95 | | | -38.33 | -53./5 | -34.75 | -54.95 | -32.3 | 40.65 | 39.05 | -53.05 | 36.3 | | 20.05 | 20.00 | 0.80 | 24.3 | 25.43 | 40.0 | | -56 55 | | 100 | | | | -40.2 | | -38.35 | -35.3 | -36 | -30.25 | 1 | | -55.5 | | E | 20.4 | 10 | 1 | -40.7 | 11 | | | -39.55 | | -28.9 | - | 10 10 | |
| ţ | | -33.05 | -26.9 | -24.9 | -23.8 | -22.8 | -26.1 | 21.03 | 17.0 | 27 55 | -37.35 | 4.12 | 5.62 | 7.67- | -36,4 | 57,175 | 25.55 | -T8,85 | -27.5 | 27.72 | -41.25 | 73.05 | 30.02 | 20.00 | | | 20 00 | 20.00 | 0 96 | 20.80 | 375- | -25.45 | -33,55 | -20.65 | -17.95 | -29.95 | -25.65 | 25.45 | 25.6 | -21.9 | -22.2 | -18 | -34,35 | -25.55 | -37.15 | -22.5 | -34.35 | 18 5 | -16.65 | -14.9 | -27 | -23.65 | -21.9 | -20.4 | -25.6 | -23.65 | -17.15 | -39.3 | | |
| | Degrees C | | | | | | 188.7 | 1 | | | | 1007 | | 1 | 188./ | | 7887 | | | | | | | 100, | | | | | 107 | | 187 | | | | | | 188.7 | | | | | | | | | 1 | 190.7 | | | 190,7 | | | 191.7 | 192.7 | 192.7 | 191.6 | 191.6 | 191.6 | 7 | |
| | C Degrees C | | | | 3 196.5 | | 196.5 | 1 | 1 | | 7 | | | 1 | 197.5 | | 1 | | 108 | | | ľ | | 107 | | - | 100 | | | Ĺ | 195.5 | | | | | 1 | 196.5 | - | | | 197.5 | 198 | | | 1 | | 199 | | L | 200 | 200 | 3(| | | | 201 | 201 | 20 | 10,000 | |
| y Quench | C Degrees | 4 541 5 | | | | | 1 543.3 | 1 6 | | 2 540.9 | | 1 5/3 | 1 | | | 243.8 | | 243.9 | | 12 | L | | | | ű | 1 | | | | | | | | | | 1 | 543.6 | | | 543.6 | 545.2 | 545.1 | | 546.5 | | | | 548.3 | 5 | | 552 | 5. | | | 553.3 | | | | - | |
| Seconda | Degrees | | | 53 1111.2 | 1 | 1 | 1113.5 | | | | | 11001 | 1 | 1 | 1103.1 | 1 | | - | |) [| L | | L | | L | | 1 | 1 | 1 | 1 | 3 1121.2 | | | 8 1120.9 | 1 | | 3 1121.8 | 1 | L | L | 8 1122.5 | 8 1125 | 3 1124.7 | 8 1123.8 | 3 1123.8 | 1 | 3 1124.3 | \perp | 1 | | 3 | 8 1124.5 | | | 3 1126.6 | | L | | 00077 | |
| | TE-240 | 1 | | 1 | | | 25 1410.563 05 1/10.813 | _ | | 48 1417 689 | | 1 | 12 1404 563 | | 1 | _ | 1 | | 1 | 03 1410 31 | 1 | 1 | 1 | - | 1 | 1 | | _ | 1 | 1 | | ŧ | 1 | | _ | ٠, | 1420.313 | | 1 | | | 1 | 1 1 | 8 1428,438 | 1429.313 | - | 1433.563 | 1 | 1 | 1 | 1438.81 | | | | 3 1436.563 | | 1 | | | |
| Stack Fl | FT-260-RFEDRY | 18,304 | 1 | 1 | | 17.32417 | | | 17 | 17 | 17 | 17 56856 | 17 92912 | 10.5212 | 17 57505 | 10.0010 | 10.00004 | | | 17.660 | | 18 11942 | | 17 9913 | 17 78483 | 17 3516 | 18.35059 | 10.0000 | 17 94401 | 18 28237 | 18.3402 | 17.98471 | | 17 | 17.51194 | 17.5517 | 17.52199 | 77 73005 | 17.90099 | 17.80968 | 17.47169 | 17.02079 | 17,5399 | 17.41358 | 18.03149 | 17.7147 | 18.15782 | 17.46155 | 17,38302 | 16.59428 | 17,50652 | 17.15293 | 17.5472 | 17.17543 | 17,38368 | 17,6722 | 16.8209 | 17.61218 | | |
| Stack Velocity | FT-260-VFI | 31.8153 | 30.84159 | 30.65003 | 30,76078 | 30,12939 | 30 5045 | 30.83498 | 90 3369 | 31 39118 | 31 32151 | 30.6571 | 31 15838 | 21 69/66 | 20.06.27 | 2100000 | 00000000 | 30 00 00 | 30.81683 | 31.10571 | 30.8376 | 31.43304 | 30 10307 | 30 74999 | 30 36468 | 20,3340 | 31 57588 | 20 003E8 | 30.56545 | 31.17458 | 31,32903 | 31.04237 | 31.9084 | 30,44181 | 30,41132 | 30.58724 | 30.35491 | 30.72011 | 31.21148 | 30.94528 | 30.42655 | 29.76959 | 30,77759 | 30.57092 | 31.65248 | 30.8909 | 31.5/5/1 | 30.66334 | 30.62631 | 29.43033 | 31,09381 | 30.32895 | 31.09265 | 30.33368 | 30.5936 | 31.05458 | 29.66793 | 31.16643 | 7 | |
| Secondary | PV-209 | 14011.29 | _ | 1 1 | | | 13949 49 | _ | 1 | 1 | | L | 1 | | | 1 | | | 1 | 1 | 14168.6 | 13949.49 | 14056 24 | 13949 49 | 1 | 1 | 4 | 1 | | - | | 1 | 14000.06 | | - | - 1 | 14050.62 | ۴ | 1 | 1 | 13977.58 | 14016.91 | 14269.72 | 13927.02 | 13983.2 | 13831.52 | 13955.11 | 14011.29 | 14016.91 | 14011.29 | 14095.56 | 14067.47 | 13943.88 | 13943.88 | 14084 33 | 10 | | | 1.0000 | |
| e Primary | PV-236 | 5 15681.25 | 1 | | | 3 15918.75 | 1 | + | 15 | | 7 16162 5 | 1630 | | | 7 15867 5 | 1 5 | - | } [| 15 | 5 16018.75 | 16 | 1 . | 5 16143.7 | | L | 15 | 1 | | | 15 | | 160 | | 15618 | - | 1 | 16000 | 15.8 | 160 | 1 | 5 16193.75 | | 16475 | 16025 | 161 | - 1 | 1580875 | - | 1 | 15500 | 16000 | | 158 | | 15906.25 | 13 | | 16075 | 0.000 | |
| w Leachate | 1 | 75 20.175 | | 1, | 139 | 190 20 05 | | | | 1 | | 20.1 | | 2 | 1 | | | | 1 | | 5 18.675 | | 19 | .1 : | | 10 | L | L | \perp | | 1 | | | | | | 5 20 8875 | 1 | | Ľ | 1 20.5125 | | 5 18.5625 | | | - 1 | 19.68/5 | 20 | | 5 18.6 | | | 20. | | 18.975 | F | | 16 | 7000 | |
| W TDU Flow | | 25 178.275 | 75 185.025 | 181 | | 1/1 | 3.03 181.8 | | L | | | 75 179 025 | | | Ľ | 1 | L | L | L | 1 | L | 75 180.525 | | | 1 | L | 171 | | L | L | | | | | 1 | 1 | 170.85 | 17 | 10 | L | | | 5 166.425 | | - 1 | 1 | 73 675 | | | L | | 5 180.075 | - 1 | | 5 178.725 | 1 | | F | 1000 | |
| TDU Flow | <u> Li</u> | 115 2.971 | .89 3.08375 | | | 2.96125 | | | | 2 | 1. | | 1 | | 1" | | ſ | Ľ | | [] | 61 3.00875 | 1 | 97 3.0425 | | [] | 1 | 15 2.86125 | 1 | L | | | | 1 | `` | 1 | 1 | 75 2.000/3 | 1 | 1 | | 1 | 1 | 98 2.77375 | - 1 | | | 55 2.9U125 | | | | | 71 3,00125 | 1 | 2.96 | | | | 2 | | |
| Alkaline | ≧ | 363 218, | 21 | | 1 | 169.2 218.07 | | | 2 | 1 | L | | 89 217.935 | 1 | | | L | L | | L | | 63 218.34 | L | | 1 | 1 | 1 | | | L | Ľ | 1 1 | | 63 218.925 | 1 | | | 1 | Ľ | | | 62 217.44 | 1 | | : 1 | -1 | 217.335 | | Ľ | | | \perp | 1 | ١. | 25 217.665 | | | Ш | ייטיי | |
| ion Lean | 臣 | 170 | 10.09 169.90 | 1 1 | 16 | 10.035 170.5162 | , | 199 | - | 1 | | • | 9,99 | 9.96 173 3625 | | 17: | | 4 | 1 | L | 9.95 132.9525 | 1 | | L | 9.84 157.20 | 10,11 157,2525 | | 9.955 165.4988 | | 1 | | 1 | 10.05 166.545 | 10.38 168.62 | | 10 31 167 6362 | | | | F | | | | 9.995 169. | .06 170.1 | 10.17 170.38 | 10.09 169 9988 | -1 | 1 | 171.2362 | | | | - 1 | 10.04 168.5812 | 1 | | | 105 1745 | |
| th Emulsion | ᄩ | | | 32.355 10 | | 32.37 | | 10 | | L | | | | | 32.385 10. | | | 32.04 | | | | | | 33.27 10 | | | 33,09 | | | 33.54 10 | | | | | | | 33.36 10 | | | | | | | | 33.555 10 | | L | | | 33,54 10,015 | | | | 33.30 10,035 | | | | 33.615 10.18 | 32.0 | |
| Rich | E | 14:30:00 32 | Ш | | 1 | 14:35:00 | | | | | L | | | | 14:44:00 32 | | 14:46:00 32 | | | L | | | 14:52:00 3 | | | | 14:56:00 33 | | | | | | | | | 15:06:00 | | | | | | | | | | \perp | | | | | | 1 | | | " | | | | F | • |
| | \$Date \$Time | 0-06-23 | 2020-06-23 14:31 | - 1 | _ | 2020-06-23 14:5 | | | | L | 1 | _ | 1 | 2020-06-23 14:4 | 1 | 1_ | 1_ | 1 | <u> </u> | | 2020-06-23 14:5 | ــــ | 2020-06-23 14:5 | 1 | 2020-06-23 14:5 | | 1- | - | _ | | | - | _ | - 1 | 2020-06-23 15:0 | | | 1 | | Ш | | | | - | | | 2020-06-23 15:18:00 | _ | | 2020-06-23 15:21:00 | | | 2020-06-23 15:24:00 | _ | 2020-06-23 15:27:00 | | | 1 | Max | Ş |

| | | СО | HCl | CO2 | H20 | THC | Main O2 | Opacity | SO2 |
|--------------------------|----------------------------------|----------------|----------------|--------------|---------------------------------------|--------------|--------------|---|----------------|
| | | PPM | PPM | % | % | PPM | % | % | PPM |
| \$Date | \$Time | · | AT-213A-1NEW | AT-213B-1 | AT-213CB | AT-259-1N | AT-261A-1NEW | AT-263 | AT-264-1 |
| 2020-06-23 | 14:30:00 | ļ | 42.92 | 9.8 | 51.15 | 16.3 | 9.74 | | 67 |
| 2020-06-23 | | | 42.92 | 9.86 | 51.43 | 8.5 | 9.74 | 0.36 | 679. |
| 2020-06-23 | | | 42.92 | 9.77 | 51.18 | 10.2 | 9.47 | 0.46 | 664. |
| 2020-06-23 | | | 42.92 | 9.71 | 50.95 | | 9.47 | 0.5 | 657. |
| 2020-06-23 | | | 42.92 | 9.69 | 51.04 | | 9.72 | 0.53 | 65 |
| 2020-06-23 | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | | 42.92 | 9.75 | 51.22 | 9.6 | 9.72 | 0.51 | |
| 2020-06-23 | 14:36:00 | | 42.92 | 9.72 | 51.22 | 10 | 9.72 | 0.46 | |
| 2020-06-23 | 14:37:00 | | 42.92 | 9.66 | | 9.8 | 9.72 | 1 | |
| 2020-06-23 2020-06-23 | 14:38:00 | | 42.92 | 9.66 | 51.19 | <u> </u> | 9.72 | 0.12 | ļ |
| 2020-06-23 | 14:39:00 14:40:00 | | 42.92 | 9.78 | 51.48 | | 9.72 | 0.31 | 675. |
| 2020-06-23 | 14:41:00 | | 41.88 | 9.75 | 51.13 | 9.5 | 9.44 | 0.46 | ļ |
| 2020-06-23 | 14:41:00 | | 41.88 | | 51.13 | 10.3 | 9.44 | 0.46 | - |
| 2020-06-23 | 14:43:00 | | 41.88 | 9.61 | 50.94 | | 9.74 | 0.52 | 65! |
| 2020-06-23 | 14:44:00 | 107.62 | 41.88 43.07 | 9.61 9.81 | 50.99 | | 9.74 | 0.46 | |
| 2020-06-23 | 14:45:00 | | 43.07 | 9.81 | 51.63 | 13.5 | 9.74 | 0.48 | |
| 2020-06-23 | 14:46:00 | 106.82 | 43.07 | 9.85 | 51.36 51.42 | 15.7 15.5 | 9.74 9.74 | 0.52 | 679. |
| 2020-06-23 | 14:47:00 | | 43.07 | 10 | 51.67 | 32.8 | 9.74 | 0.08 | |
| 2020-06-23 | 14:48:00 | | 43.07 | 10.07 | 51.83 | 10 | 9.52 | 0.18 | |
| 2020-06-23 | 14:49:00 | [| 41.88 | 9.89 | 51.53 | 9.7 | 9.52 | 0.43 0.46 | 703.9 683.8 |
| 2020-06-23 | 14:50:00 | | 41.88 | 9.71 | 51.15 | 9.1 | 9.5 | 0.46 | 657.6 |
| 2020-06-23 | 14:51:00 | | 41.88 | 9.3 | 50.81 | 7.9 | 9.75 | 0.48 | 643. |
| 2020-06-23 | 14:52:00 | | 41.88 | 9.17 | 50.44 | 6.7 | 9.96 | 0.46 | 621. |
| 2020-06-23 | 14:53:00 | 37.32 | 41.88 | 9.13 | 50.17 | 6.8 | 9.96 | 0.5 | 612.7 |
| 2020-06-23 | 14:54:00 | 26.16 | 41.88 | 9.13 | 50.16 | 6.3 | 9.96 | 0.22 | 613.2 |
| 2020-06-23 | 14:55:00 | 24.69 | 41.88 | 9.45 | 50.39 | 7 | 9.96 | 0.1 | 615.3 |
| 2020-06-23 | 14:56:00 | 24.9 | 41.88 | 9.51 | 50.59 | 6.6 | 9.96 | 0.36 | 620.3 |
| 2020-06-23 | 14:57:00 | 24.67 | 41.88 | 8.89 | 50.32 | 6.7 | 9.96 | 0.4 | 610.1 |
| 2020-06-23 | 14:58:00 | 26.01 | 40.77 | 8.52 | 50.12 | 6.9 | 9.96 | 0.46 | 604.8 |
| 2020-06-23 | 14:59:00 | 29.49 | 40.77 | 8.85 | 50.14 | 8.1 | 10.2 | 0.52 | 618.7 |
| 2020-06-23 | 15:00:00 | 30.14 | 40.77 | 9.17 | 50.25 | 9 | 10.2 | 0.56 | 625.6 |
| 2020-06-23 | 15:01:00 | 40.47 | 41.81 | 9.58 | 50.51 | 7.8 | 9.92 | 0.5 | 643.4 |
| 2020-06-23 | 15:02:00 | 43.48 | 41.81 | 9.61 | 50.59 | 9.6 | 9.92 | 0.52 | 651.7 |
| 2020-06-23 | 15:03:00 | 47.05 | 41.81 | 9.68 | 50.91 | 8.3 | 9.92 | 0.08 | 659.2 |
| 2020-06-23 | 15:04:00 | 52.17 | 41.81 | 9.75 | 51 | 14.3 | 9.92 | 0.12 | 663.3 |
| 2020-06-23 | 15:05:00 | 65.31 | 41.81 | 9.83 | 51.15 | 7.5 | 9.65 | 0.4 | 673.8 |
| 2020-06-23 | 15:06:00 | 65.38 | 41.81 | 9.76 | 50.94 | 7.7 | 9.65 | 0.45 | 664.9 |
| 2020-06-23 2020-06-23 | 15:07:00 | 47.93 | 40.62 | 9.67 | 50.75 | 7.2 | 9.65 | 0.52 | 654.7 |
| 2020-06-23 | 15:08:00 15:09:00 | 40.75 | 40.62 | 9.67 | 50.75 | 8.5 | 9.85 | 0.56 | 647.4 |
| 2020-06-23 | 15:10:00 | 46.5 48.3 | 41.79 | 9.74 | 50.94 | 8.8 | 9.85 | 0.53 | 659.8 |
| 2020-06-23 | 15:11:00 | | 41.79 | 9.74 | 50.91 | 8.5 | 9.85 | 0.56 | 659.8 |
| 2020-06-23 | 15:12:00 | 52.35 58.18 | 41.79 | 9.75 | 51.01 | 10.9 | 9.85 | 0.28 | 665 |
| 2020-06-23 | 15:13:00 | 83.02 | 41.79 41.79 | 9.81 | 51.2 51.20 | 14 | 9.85 | 0.11 | 673 |
| 2020-06-23 | 15:14:00 | 101.64 | 41.79 | 9.91 9.92 | 51.39 | 17.3 | 9.55 | 0.43 | 690 |
| 2020-06-23 | 15:15:00 | 82.39 | 41.79 | 9.92 | 51.33 51.28 | 8.7 10 | 9.28 | 0.4 | 688.9 |
| 2020-06-23 | 15:16:00 | 59.37 | 41.79 | 9.8 | 50.98 | 9.7 | 9.28 9.52 | 0.5 0.5 | 679 668.9 |
| 2020-06-23 | 15:17:00 | 59.65 | 41.79 | 9.79 | 50.78 | 15.6 | 9.52 | 0.53 | 666.9 |
| 2020-06-23 | 15:18:00 | 86.35 | 41.79 | 9.86 | 51.25 | 10.2 | 9.52 | 0.55 | 682.9 |
| 2020-06-23 | 15:19:00 | 93.7 | 41.79 | 9.9 | 51.28 | 16.3 | 9.52 | 0.5 | 680.5 |
| 2020-06-23 | 15:20:00 | 95.53 | 41.79 | 9.95 | 51.43 | 13.1 | 9.52 | 0.16 | 684.3 |
| 2020-06-23 | 15:21:00 | 109.11 | 42.96 | 10.06 | 51.76 | 28.4 | 9.52 | 0.10 | 699.9 |
| 2020-06-23 | 15:22:00 | 134.5 | 42.96 | 10.15 | 51.81 | 10.7 | 9.28 | 0.36 | 715.1 |
| 2020-06-23 | 15:23:00 | 137.02 | 42.96 | 9.98 | 51.53 | 12.5 | 9.28 | 0.51 | 707.9 |
| 2020-06-23 | 15:24:00 | 88.38 | 41.89 | 9.84 | 51.36 | 11.9 | 9.28 | 0.5 | 695.6 |
| 2020-06-23 | 15:25:00 | 95.53 | 41.89 | 9.94 | 51.38 | 11.7 | 9.28 | 0.52 | 693.8 |
| 2020-06-23 | 15:26:00 | 93.35 | 41.89 | 9.95 | 51.24 | 10.8 | 9.28 | 0.52 | 691.1 |
| 2020-06-23 | 15:27:00 | 83.19 | 42.9 | 9.88 | 51.33 | 13.7 | 9.28 | 0.52 | 689.7 |
| 2020-06-23 | 15:28:00 | 79.32 | 42.9 | 9.84 | 51.24 | 11.8 | 9.49 | 0.3 | 686.9 |
| 2020-06-23 | 15:29:00 | 82.97 | 42.9 | 9.93 | 51.43 | 15 | 9.49 | 0.11 | 691.2 |
| 2020-06-23 | 15:30:00 | 95.06 | 42.9 | 10.04 | 51.58 | 17.4 | 9.49 | 0.35 | 698.9 |
| | - | | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | * | |
| Vlax | | 170.9 | 43.1 | 10.2 | 51.8 | 32.8 | 10.2 | 0.6 | 715.1 |
| Viin | | 24.7 | 40.6 | 8.5 | 50.1 | 6.3 | 9.3 | 0.1 | 604.8 |
| Average | | 73.9 | 42.1 | 9.7 | 51.1 | 11.5 | 9.66 | 0.4 | 665.4 |
| /ariance | | 1027.8275 | 0.469556066 | 0.095295 | 0.186448 | 23.11817 | 0.058144973 | 0.023925 | 691.5615 |

| he/h | 1,0 | ١ | | | | 5 26.1/125 | | 5 20.1/123 | 5 26.6175 | ľ | | | 5 25.8825 | | 5 26 9325 | | | 5 27.06375 | L | | | | 5 27,11625 | 5 26.06625 | 1 | 1 | 1 | 25,85625 | ľ | L | Ţ | 27.16875 | 5 26.80125 | | | 1 | 25 935 | 2 | | 25.90875 | 5 26.11875 | 26.6175 | 26 59125 | L | | | 27.1425 | 27.03/3 | 25.8825 | 26.01375 | | | | | 26.11875 | | | | 27.3 | | 26.5 |
|--------------|-------------|----------|-------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|----------|----------|----------|----------|----------|------------|------------|------------|----------|----------|----------|----------|------------|------------|------------|------------|----------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|----------|--|------------|---|-------|
| mmH20 | - | 279-104 | -1- | $^{\sim}$ | | 313 | 1 | | 325.75 | L | T, | L | 308.8 | 278 312 | 790 187 | 4 | 218 | 1, | 1 | 5 298,625 | | 315,0625 | 280. | | | m | 1 | | 30.562 | 1 | L | 267.687 | 1 | | 290.4375 | | 306.802 | 1, | - | 311.8125 | | | 294,1675 | | 1 | - 1 | 17 | 373.6 | 287.375 | 1,4 | | (") | | | 1 | | 280.3125 | | | | 295,6 |
| mmH2O | + | | | -90.3375 | 1 | | | - AU 7875 | 1 | 1 | 1 | ō | Ι, | 10 | 40 | 1 | 1 | 17 | | | | | 6 | | 9 | | | 25.372 | | 1 | | 1 | -8 | | | -91 | -84 975 | Ľ | | | | 위 | -106 7625 | | -108.9375 | | 1 | C7TC-70- | -98,55 | ο, | | | 9 | | -89,0625 | -79.95 | -108.525 | | | 1 | -93.5 |
| mmH20 | 5T 2 40 | | | | | TC- | 300 | | | l | 1 | | | | | -52.85 | | | | | -34.8 | | -34.85 | | | | 1 | 1,00 | 27.75 | 513 | -32.55 | | -29.4 | | -42.25 | -35.05 | -30.90 | -35.1 | -29.05 | -29,85 | -26.3 | -43.7 | -44.75 | -31.85 | -48.7 | -32.05 | 45.8 | S VC. | -40.3 | -33.5 | -34.75 | -30.25 | -34.9 | -29.5 | -31.6 | -24,4 | -46.7 | | -24.4 | -53,9 | -35.9 |
| mmH20 | 07 242 A | 77.8 | 10 25 | -19.35 | 17- | 10.01 | 10.4 | 21.7 | -14.25 | -27.2 | -22.85 | -23.9 | -17.6 | -28.5 | -22.75 | -32.7 | -14.75 | -26.15 | -22.8 | -19.1 | -19.2 | -19.75 | -18.65 | -15.4 | -17.45 | -14.65 | 10.01 | 22.02 | 16.75 | 30.65 | -19.05 | -33.55 | -16.35 | -11.7 | -25.4 | -18.15 | -15.3 | -19 | -16.65 | -15.75 | -12.8 | -27.35 | -273 | -15,65 | -27.7 | -16.4 | -24.75 | 10.55 | -22.9 | -17 | -17.7 | -15.9 | -19.15 | -15.05 | -16.75 | -10.5 | -28.65 | | -10.5 | -33.6 | 2003 |
| Degrees C | 75 250 | 1827 | 102.1 | 183.7 | 183.7 | 1007 | 104.7 | 185.7 | 185.7 | 185.7 | 186.7 | 186.7 | 186.7 | 186.7 | 186.7 | 186.7 | 1867 | 187.7 | 187.7 | 188.7 | 188.7 | 188.7 | 188.7 | 188.7 | 188.7 | 188.7 | 188.7 | 1001 | 180.7 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 190.7 | 190.7 | 190.7 | 190.7 | 190.7 | 190.7 | 190.7 | 190.7 | 190.7 | 191.7 | 191.7 | 191.7 | 191.7 | 191.7 | 191.7 | | 191.7 | 182.7 | 1000 |
| Degrees C | | n, | 100.5 | 196.5 | 127 | 001 | 100 | 199 | 199.5 | 199.5 | 199.5 | 200 | 200 | 200 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 201 | 201.5 | 201.5 | 201.5 | 202 | 202 | 707 | 202 | 202.5 | 202.3 | 202 | 202 | 202 | 201.5 | 201.5 | 201.5 | 201.5 | 202 | 202 | 202 | 202 | 202 | 201.5 | 202 | 202 | 202 | 202 | 202 | 202 | 202 | 202 | 202 | 202 | 202.5 | 202.5 | 202.5 | 202.5 | 202.5 | | 202.5 | 195.5 | 201.1 |
| Degrees C | | 7 2 | 200,4 | 536 | 2000 | 27.763 | 7.755 | 534.8 | 534.3 | 533.2 | 532.4 | 531.6 | 531.4 | 531.8 | 531.8 | 532 | 5319 | 532.3 | 533.1 | 533.4 | 533.6 | 533.7 | 534 | 533.1 | 533.8 | 533.1 | 7,000 | 537.0 | 532.1 | 5317 | 531.2 | 531.4 | 530.3 | 531.2 | 531.9 | 532.2 | 532.5 | 532.1 | 531.7 | 532.7 | 532.5 | 533.2 | 534.4 | 534.3 | 534.7 | 533.9 | 534.3 | 535.6 | 535 | 534.9 | 534.6 | 534.8 | 535.3 | 535.5 | 536 | 535 | 535.7 | - | 537.2 | 530.3 | 000 |
| Degrees C | | 140 | 1140 6 | 1140.6 | 11447 | 1130 2 | 1135.0 | 11341 | 1133.8 | 1133.2 | 1130.1 | 1129,4 | 1128.5 | 1128.4 | 1127.2 | 1127.4 | 1127.1 | 1129.5 | 1126.4 | 1124.5 | 1123 | 1124.4 | 1123.6 | 1125.1 | 1125 | 1105 | 1123,3 | 1122.0 | 1121.6 | 1123.2 | 1122.4 | 1123.2 | 1122.7 | 1124.5 | 1122.8 | 1121.5 | 1120.7 | 1120.9 | 1121.8 | 1122.1 | 1123.1 | 1124.8 | 1122.7 | 1121.7 | 1123.7 | 1123.9 | 1124.4 | 1126.3 | 1125.4 | 1124.8 | 1123.8 | 1124.1 | 1123.3 | 1123.9 | 1124.2 | 1125.2 | 1123.2 | - | 1141.1 | 1120.5 | |
| Degrees C | | 283 | 1470.063 | 14/0,003 | 1400,013 | 1755 100 | 14493,100 | 1442.063 | 1444.563 | 1439,313 | 1432,938 | 1430,813 | 1431,438 | 1431,813 | 1428,938 | 1431.813 | 1430.813 | 1437,938 | 1427.438 | 1426.188 | 1423.938 | 1427.938 | 1424.563 | 1428.938 | 1426.438 | 1432.313 | 1436 943 | 1424 188 | 1423 938 | 1427 313 | 1425,438 | 1427.688 | 1426.813 | 1433.938 | 1423.938 | 1422.313 | 1425,438 | 1423.688 | 1426.938 | 1425.813 | 1432.938 | 1431.688 | 1426.188 | 1426,438 | 1430.813 | 1429.313 | 1433.688 | 1440.813 | 1432,063 | 1428.688 | 1426.438 | 1430.688 | 1429.938 | 1433.313 | 1432.938 | 1438,438 | 1431.188 | | 1470.1 | 1,420.8 | |
| m3/s Ref Drv | T | 43 | 17 40022 | 17,40032 | 70007 71 | 18 10424 | 17.86831 | 17.74969 | 17.45203 | | 18.05744 | 17.88975 | 18.05314 | 18,22303 | 17.99836 | 18,40264 | 17.77027 | 18.3346 | 18,09298 | 17.68235 | 17.98364 | | 17.59149 | 17.96078 | | 17.00337 | 17 77571 | | 18 33475 | 18,46053 | 17.82602 | 18,57302 | 17,90036 | 17.35507 | 17.77311 | 18 01637 | 17.66772 | _ | 17.90724 | | 62211 | 17.80871 | +- | 95466 | 18.6109 | _ | 18.46207 | 1 | - | - | | _ | | | | 48088 | 17,70194 | _ ل | 18.6 | 17.2 | |
| m3/h m/s | Ī., | 75 | 202,02 | 20.77757 | 07,000 | 30 86754 | 30.25098 | 29.79788 | 25 | | 30,75923 | 30.29754 | 30.59367 | 30.96979 | 30.64166 | 31,28809 | 30,28014 | 31,28469 | 31,13892 | 30.35173 | 30.73691 | 30.0115 | 30.05412 | 30.76423 | 30.98392 | 30.28880 | 30.620.05 | 20 3962A | 31 49156 | 31.72787 | 30.91862 | 32.01635 | 30.87467 | 29.95234 | 30.9664 | 30.88745 | 30.30536 | 30.8375 | 30.79283 | 29.71531 | 30.38832 | 31.00155 | 31.50548 | 30.94403 | 32.08286 | 30.28916 | 31.95336 | 30.68575 | 30,2026 | 30.37718 | 30.79923 | 30,48275 | 30.48778 | 30.33486 | 30.85479 | 30.43093 | 30.96939 | | 32.1 | 29.5 | |
| m3/h | PV-209 | | | | | 1 | | 14297.81 | 14045 | 14359.61 | 14258,48 | 14230.39 | | | 1 | • | 1 | 1 | 1 | | 14264.1 | 14028.15 | 14458.48 | 14140.51 | 14134.89 | 14129.27 | 11769 77 | 14157 36 | 14236.01 | 14219.16 | 14224.78 | 14331.52 | 14219.16 | 14174.21 | 14280.96 | 14280.95 | 14269.72 | 14264.1 | 14264.1 | 14264.1 | 14162.98 | 14415.79 | 14331.52 | 14162.98 | 14174.21 | 14162.98 | 14134.89 | 14123.65 | 14219.16 | 14219.16 | 14320.28 | 14191.07 | 14196.69 | 14297.81 | 14213.54 | 14213.54 | 14309.05 | | 14427.0 | 14011.3 | |
| m3/h | PV-236 | 15518.75 | 15406.25 | 15003 75 | 16217 5 | 16250 | 15850 | 16250 | 16037.5 | 16925 | 16206.25 | 16643.75 | 16350 | 16787.5 | 16468.75 | 16656.25 | 16181.25 | 16037.5 | 16637.5 | 16375 | 16293.75 | 16181.25 | 16242 | 1676275 | 2 2 | 16791 25 | 16406.25 | 16637.5 | 16325 | 16562.5 | 16281.25 | 15906.25 | 15812.5 | 16075 | 16418.75 | 16418.75 | 16306.25 | 16381.25 | 15968.75 | 16318.75 | 16068.75 | 16768 75 | 16637.5 | 16050 | 16381.25 | 16143.75 | 15993 75 | 16006.25 | 16612.5 | 16381.25 | 16393.75 | 16068.75 | 16318.75 | 16118.75 | 16412.5 | 167/13/25 | 16481,25 | | 16925.0 | TOCENCT | - |
| LPM | | 25 | 15 575 | 15.323 | 15 575 | 15 525 | 15 4125 | 15.4125 | 15.4125 | 15,5625 | 15.5625 | 15,825 | 14.6625 | 15,4125 | 15,4125 | 15,4125 | 15,4125 | 17.1 | 17.55 | 17,3625 | 17.3625 | 17.9625 | 17.71 | 17 7275 | 17 1375 | 17 6675 | 17.75 | 17,0625 | 17,475 | 16.3875 | 17,8125 | 16.5375 | 17.5125 | 17.325 | 17.55 | 17.85 | 17.85 | 17.25 | 17.8875 | 17.3625 | 17.475 | 17.3525 | 17.775 | 17,0625 | | | 17.4 | 17.775 | 17.625 | 17.7 | 17,2125 | 17.325 | | _ | | 17.4375 | | | 18.0 | 1.5 | |
| SCFM | Т | 775 | 240 225 | 240.243 | 238.2 | 238 725 | 237.975 | 239.1 | 240.225 | 239.025 | 240.75 | 241.35 | 238.8 | 240.675 | 239.475 | 239.775 | 241.575 | 240.15 | 242.175 | 244.575 | 242.925 | 244.2 | 244.1/5 | 730.7 | 240 375 | 230 675 | 221.00 | 220.8 | 220.8 | 222.9 | 220.125 | 220.575 | 220.275 | 220.35 | 224.025 | 223.03 | 219 | 219.225 | 229.8 | 239.925 | 221.55 | 238.65 | 239.625 | 221,025 | 220.5 | 220.575 | 220.2 | 221.1 | 219.75 | 223.125 | 223.575 | 222.15 | 221.175 | 220.8 | 219.225 | 220.2 | 219.825 | | 244.6 | 213,0 | |
| LPM | | 15 | 4 00375 | 4.005/2 | 3 07 | 3 97875 | 3.96625 | 3.985 | 4.00375 | 3.98375 | 4.0125 | 4.0225 | 3.98 | 4.01125 | 3.99125 | 3.99625 | 4.02625 | 4.0025 | 4.03625 | 4.07625 | 4.04875 | 4.07 | 4.04625 | 3 005 | 4 00625 | 3 99375 | 3 685 | 3.68 | 3.68 | 3.715 | 3.66875 | 3.67625 | 3.67125 | 3.6725 | 3./33/5 | 3.705 | 3.65 | 3.65375 | 3.83 | 3.99875 | 3.6925 | 3.59675 | 3,99375 | 3.68375 | 3.675 | 3.67625 | 3.67 | 3.685 | 3.6625 | 3,71875 | 3.70875 | 3,7025 | 3.68625 | 3.70375 | 3.653/5 | 3.67 | 3.66375 | | 3.7 | 7.0 | |
| LPM | | 98 | 199.755 | 20002 | 200.005 | 199.665 | 199,26 | 199.62 | 198,945 | 199.62 | 200.88 | 199.89 | 200.565 | 199.665 | 200.655 | 201.735 | 200.565 | 200.25 | 200.61 | 200,97 | 200.835 | 200.115 | 10007 | 194 76 | 199 98 | 204 255 | 204 93 | 202.05 | 201,105 | 199.8 | 200.52 | 200.07 | 200.07 | 200.205 | 200.925 | 199 98 | 200.565 | 199.8 | 199.71 | 198.675 | 198.765 | 200 295 | 200,655 | 199.035 | 197.28 | 197.64 | 198.36 | 198.27 | 198.36 | 197.82 | 197,865 | 196.47 | 195.435 | 193.455 | 193,59 | 194 175 | 195.66 | - | 204.9 | 100.2 2.00.2 2.00.2 2.00.2 | |
| LPM | П | .58 | 168.3 | 167 2987 | 166 8713 | 165,1725 | 164,6437 | 164.79 | 164.79 | 164,6437 | 167.0625 | 166.2525 | 167.3438 | 166.9162 | 159.1538 | 166.68 | 167.7712 | 169.1437 | 168.9525 | 169.1437 | 169.335 | 169.7175 | 160 245 | 169 8575 | 169 9988 | 168 9525 | 169 5763 | 169.29 | 169.2 | 169.6162 | 169.6725 | 170.19 | 170.5725 | 169.7175 | 121 2267 | 171 | 171.2813 | 169,9988 | 170.6175 | 171.045 | 170.8537 | 170.5162 | 170.8088 | 171.3262 | 170.6175 | 171.4162 | 171,135 | 171,045 | 170.6175 | 170.6175 | 171.045 | | 1 | | 171 6525 | 171 2362 | 171.18 | - | 171.7 | | |
| LPM | FT-219C F | 1 | 10.575 | 1 | | | 1 | | | | 10.69 | | _ | | 1 | 10.27 | | | 10.055 | | - 1 | | 10.62 | | | | | 10.22 | 10.75 | | | | | | | 10.48 | | | | | 100 | 10.865 | 1 | | 10.635 | 100 | | | 11 | | | | 10.415 | | 10.365 1 | | 1 | - | 10.0 | 100 | |
| LPM | -T-229 | 33.87 | 33.93 | 33.9 | 33 735 | 32.565 | 32.49 | 32.625 | 32.97 | 32.55 | 32.82 | 32.94 | 33.135 | 32.955 | 33.135 | 32.58 | 32.745 | 33,135 | 32.865 | 33.285 | 32.88 | 32.925 | 32 86E | 32,625 | 37 94 | 33 | 32.82 | 32.61 | 33 | 33 | 32.835 | 32.655 | 32.985 | 32.97 | 27 07 | 32.85 | 32.97 | 32.91 | 32.67 | 32,985 | 32,73 | 32,835 | 32.805 | 32.685 | 32.595 | 32.955 | 32.97 | 32.85 | 32.715 | 32,475 | 32.985 | 32.88 | 33.06 | 33,105 | 32 955 | 32.64 | 32.715 | - 6 | 33.9 | 32.01 10.11 | |
| | \$Time F | 000 | 18:31:00 | 18:32:00 | 18:33:00 | 18:34:00 | 18:35:00 | 18:36:00 | 18:37:00 | 18:38:00 | 18:39:00 | 18:40:00 | 18:41:00 | 18:42:00 | 18:43:00 | 18:44:00 | 18:45:00 | 18:46:00 | 18:47:00 | 18:48:00 | 18:49:00 | 18:50:00 | 18.52.00 | 18.53.00 | 18:54:00 | 18:55:00 | 18:56:00 | 18:57:00 | 18:58:00 | 18:59:00 | 19:00:00 | 19:01:00 | 19:02:00 | 19:03:00 | 19:05:00 | 19:06:00 | 19:07:00 | 19:08:00 | 19:09:00 | 19:10:00 | 19:11:00 | 19:13:00 | 19:14:00 | 19:15:00 | 19:16:00 | 19:17:00 | 19:19:00 | 19:20:00 | 19:21:00 | 19:22:00 | 19:23:00 | 19:24:00 | 19:25:00 | 00.22.61 | 19.28.00 | 19:29:00 | 19:30:00 | NA CENTRAL CONTRACTOR OF THE CENTRAL CONTRAC | | energia de la constanta de la | • |
| | \$Date | -06-23 | | - | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-0202 | 2020-06-23 | 2020-06-23 | 2020-06-23 | ┺ | 1 | ـ | _ | | | 2020-06-23 | 2020-06-23 | 2020-08-23 | 1 | | | | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | | | 2020-06-23 | _ | 1 | | _ | _ | | | - | 2020-0202 | 1 | | THE PROPERTY OF THE PROPERTY O | Max Min | Average | 0000 |

| | | СО | HCI | CO2 | H20 | THC | Main O2 | Opacity | SO2 |
|---|---|--------------|----------------|---------------|----------------|------------|---------------|--------------|----------------|
| | | PPM | PPM | % | % | PPM | % | % | PPM |
| \$Date | \$Time | | AT-213A-1NEW | AT-213B-1 | AT-213CB | AT-259-1N | AT-261A-1NEW | AT-263 | AT-264-1 |
| 2020-06-23 | 18:30:00 | 149.11 | 42.93 | 10.19 | 51.13 | 7 | 9.28 | 0.33 | 726. |
| 2020-06-23 | 18:31:00 | 103.63 | 42.93 | 9.97 | 50.77 | 8.7 | 9.28 | 0.46 | 703. |
| 2020-06-23 | 18:32:00 | - | 42.93 | | } | 7.3 | 9.28 | 0.48 | 698. |
| 2020-06-23 | 18:33:00 | | 44.16 | | | 9.9 | 9.5 | 0.51 | 698. |
| 2020-06-23 | 18:34:00 | | 44.16 | 1 | | 4.9 | 9.5 | 0.46 | 696. |
| 2020-06-23 | 18:35:00 | - | 44.16 | | | 5.1 | 9.5 | 0.52 | 664. |
| 2020-06-23 | 18:36:00 | 1 | 44.16 | | 49.93 | 4.8 | 9.85 | 1.55 | 649. |
| 2020-06-23 | 18:37:00 | <u> </u> | 45.43 | 9.54 | 49.94 | 5.1 | 10.06 | | 648. |
| 2020-06-23 | 18:38:00 18:39:00 | † | 47.27 | 9.62 | 50.25 | 5.1 | 10.06 | | 660. |
| 2020-06-23 2020-06-23 | 18:40:00 | | 47.27 | 9.61 | 50.24 | 4.9 | 10.06 | | 659. |
| 2020-06-23 | 18:41:00 | | 47.27 | 9.48 | 49.94 | 5 | 10.06 | · | 644. |
| 2020-06-23 | 18:42:00 | | 48.46 | 9.46 | 49.95 | 5.4 | 10.06 | | 640. |
| 2020-06-23 | 18:43:00 | † | 48,46 48,46 | 9.52 9.57 | 50.06 | 5.4 5.2 | 10.06 | | 644 |
| 2020-06-23 | 18:44:00 | | 48.46 | 9.53 | 50.18 50.07 | 5.7 | 10.06 | | 650. |
| 2020-06-23 | 18:45:00 | | 49.65 | 9.59 | 50.17 | 5.2 | 10.06 | ļ | 646. |
| 2020-06-23 | 18:46:00 | | 49.65 | 9.67 | 50.26 | 5.8 | 10.06 | | 650. |
| 2020-06-23 | 18:47:00 | | 50.71 | 9.8 | 50.26 | 5.8 | 10.06 9.84 | 0.03 | 654. |
| 2020-06-23 | 18:48:00 | | 50.71 | 9.62 | 50.28 | 6.1 | 9.84 | 0.42 | 672. 654. |
| 2020-06-23 | 18:49:00 | | 50.71 | 9.6 | 50.28 | 6.1 | 9.84 | 0.48 | 654. 650. |
| 2020-06-23 | 18:50:00 | | 50.71 | 9.57 | 50.05 | 6.1 | 9.84 | 0.53 | 647.8 |
| 2020-06-23 | 18:51:00 | | 50.71 | 9.6 | 50.16 | 5.7 | 9.84 | 0.52 | 651. |
| 2020-06-23 | 18:52:00 | | 50.71 | 9.65 | 50.27 | 6.5 | 9.84 | 0.58 | 654.9 |
| 2020-06-23 | 18:53:00 | | 50.71 | 9.65 | 50.39 | 6.2 | 9.84 | 0.07 | 660.8 |
| 2020-06-23 | 18:54:00 | 29.82 | 50.71 | 9.69 | 50.47 | 7.8 | 9.84 | 0.11 | 663. |
| 2020-06-23 | 18:55:00 | 38.91 | 50.71 | 9.84 | 50.6 | 7.7 | 9.84 | 0.4 | 676.6 |
| 2020-06-23 | 18:56:00 | 41.48 | 50.71 | 9.86 | 50.66 | 6.1 | 9.84 | 0.4 | 679.0 |
| 2020-06-23 | 18:57:00 | 30.83 | 52.06 | 9.68 | 50.45 | 6.6 | 9.84 | 0.47 | 659 |
| 2020-06-23 | 18:58:00 | 28.61 | 52.06 | 9.64 | 50.33 | 6.3 | 9.84 | 0.57 | 650.7 |
| 2020-06-23 | 18:59:00 | 28.3 | 52.06 | 9.62 | 50.21 | 7.4 | 9.84 | 0.58 | 645.6 |
| 2020-06-23 | 19:00:00 | 32.31 | 52.06 | 9.72 | 50.54 | 6.3 | 9.84 | 0.51 | 660 |
| 2020-06-23 | 19:01:00 | 32.49 | 52.06 | 9.7 | 50.53 | 6.8 | 9.84 | 0.53 | 660 |
| 2020-06-23 | 19:02:00 | 32.49 | 52.06 | 9.73 | 50.59 | 6.8 | 9.84 | 0.05 | 663.4 |
| 2020-06-23 | 19:03:00 | 33.71 | 52.06 | 9.74 | 50.62 | 8.4 | 9.84 | 0.05 | 665.6 |
| 2020-06-23 | 19:04:00 | 43.12 | 53.33 | 9.85 | 50.96 | 5.8 | 9.84 | 0.36 | 686.5 |
| 2020-06-23 | 19:05:00 | 34.48 | 52.11 | 9.65 | 50.7 | 6.8 | 9.54 | 0.46 | 662.9 |
| 2020-06-23 | 19:06:00 | <u> </u> | 52.11 | 9.63 | 50.25 | 6 | 9.79 | 0.52 | 655.3 |
| 2020-06-23 | 19:07:00 | { | 52.11 | 9.64 | | 7.5 | 9.79 | 0.57 | 653.5 |
| 2020-06-23 | 19:08:00 | | 52.11 | 9.67 | 50.39 | 7 | 9.79 | 0.52 | 659.2 |
| 2020-06-23 | 19:09:00 | | 52.11 | 9.74 | 50.61 | 7.2 | 9.79 | 0.55 | 669.2 |
| 2020-06-23 | 19:10:00 | | 52.11 | 9.8 | 50.6 | 7.7 | 9.79 | 0.15 | 670.4 |
| 2020-06-23 | 19:11:00 | | 52.11 | 9.85 | 50.68 | 9.3 | 9.79 | 0.08 | 673.3 |
| 2020-06-23 | 19:12:00 | | 52.11 | 9.93 | 50.97 | 8.4 | 9.79 | 0.36 | 692.6 |
| 2020-06-23 | 19:13:00 | | 52.11 | 9.91 | 50.93 | 7 | 9.48 | 0.45 | 692.€ |
| 2020-06-23 | 19:14:00 | | 52.11 | 9.73 | 50.46 | 7.2 | 9.48 | 0.46 | 664.8 |
| 2020-06-23 | 19:15:00 | | 52.11 | 9.72 | 50.38 | 7.8 | 9.74 | 0.55 | 660.5 |
| 2020-06-23 | 19:16:00 | | 52.11 | 9.71 | 50.36 | 7.7 | 9.74 | 0.51 | 660.5 |
| 2020-06-23 2020-06-23 | 19:17:00 19:18:00 | | 52.11 | 9.78 | 50.58 | 6.6 | 9.74 | 0.57 | 673 |
| 2020-06-23 | 19:18:00 | | 52.11 52.11 | 9.78 | 50.6 | 8.1 | 9.74 | 0.6 | 671.8 |
| 2020-06-23 | 19:19:00 | | 52.11 52.11 | 9.88 | 50.83 | 7.1 | 9.74 | 0.05 | 679.2 |
| 2020-06-23 | 19:20:00 | | 52.11 | 9.94 10.06 | 50.89 51.11 | 10.9 6 | 9.74 | 0.07 | 682.1 |
| 2020-06-23 | 19:22:00 | | 52.11 | 9.82 | | | 9.5 | 0.36 | 699.4 |
| 2020-06-23 | 19:23:00 | | 52.11 | 9.82 | 50.84 50.68 | 6.1 5.9 | 9.5 | 0.46 | 678.2 |
| 2020-06-23 | 19:24:00 | | 52.11 | 9.74 | 50.68 | 7.2 | 9.5 9.72 | 0.48 | 667.2 |
| 2020-06-23 | 19:25:00 | | 52.11 | 9.67 | 50.55 | 6.9 | 9.72 | 0.55 | 656.9 |
| 2020-06-23 | 19:26:00 | 31.75 | 52.11 | 9.74 | 50.66 | 7 | 9.72 | 0.52 0.56 | 659.3 669.1 |
| 2020-06-23 | 19:27:00 | 33.29 | 52.11 | 9.83 | 50.55 | 7.7 | 9.72 | 0.56 | |
| 2020-06-23 | 19:28:00 | 34.87 | 53.19 | 9.9 | 50.79 | 7.7 | 9.72 | 0.2 | 672 676 1 |
| 2020-06-23 | 19:29:00 | 40.21 | 53.19 | 10.02 | 51.13 | 8.8 | 9.72 | 0.07 | 676.1 693.4 |
| 2020-06-23 | 19:30:00 | 44.93 | 53.19 | 10.02 | 51.16 | 6.9 | 9.72 | 0.42 | 696.3 |
| | | 17.55 | 33.13 | 101 | 31.10 | 0.3 | 3.4/ | 0.42 | 090.3 |
| Max | Total de la composition de la | 149.1 | 53.3 | 10.2 | 51.2 | 10.9 | 10.1 | 1.6 | 726.3 |
| Min | | 17.2 | 42.9 | 9.5 | 49.9 | 4.8 | 9.3 | 0.0 | 640.7 |
| Average | Calendaria de la companya de la comp | 37.9 | 50.3 | 9.7 | 50.5 | 6.7 | 9.77 | 0.0 | 667.7 |
| CHARLEMAN AND AND AND AND AND AND AND AND AND A | Terretorium composition anno | | | | | | | 0.054786 | 322.5198 |
| Variance | | 458.5081 | 8.539072186 | | 0.103391 | 1.655153 | 0.04043541 | | |

| 20 Lbs/h | SC-F | 75 | | | | 283.75 25.96125 | 1.625 26.69625 | | 20 30 30 30 30 | | 207 5 75.96125 | 3776 77 3775 | ľ | | 7 5 00 30 7 | | L | 1 10 | 375 26.27625 | 2 | 281.5 27.06375 | 00 | | 0.5 26.48625 | 525 25.85625 | | 5 26 | 1 | | 75 27.22123 | 10 | 525 25.935 | 25.9875 | 1 | 301.5 27.03/5 | 2 50 | | 2 | .75 26.59125 | 25.935 | 2 2 | 5 | 75 | 25 | 0 10 | 75 26.74875 | 25 26,06625 | 1 | 2 4 | 75 25 90875 | 2 2 | 2 | | 25 27.06375 | 25 27.09 | | 27.3 | | 26.6 |
|------------------|------------|-------------|-----------------|------------|-----------|-----------------|----------------|------------|-----------------|------------|----------------|--------------|---------------|----------|--------------|------------|------------|-------------|--------------|-------------|----------------|------------|------------|---------------|----------------|--------------|-------------|-----------|--------------|-------------|------------|------------|-------------|------------|---------------|------------|--------------|-------------|--------------|--------------|------------|------------|-------------|-------------|---------------------------|--------------|-------------|-------------|--------------|-------------|------------|------------|-------------|-------------|-------------------------|---|--|---------|--------------------------|
| 20 mmH20 | - | 525 | 53 | | 72 | | 311 | -135 515.9 | 96 275 201 0675 | 2 | | 3,0 | 1 | 1 | 175 295,0025 | 2 22 | 1 | 10 | 2 | 3625 309.50 | S | 2 | 5 311.6 | Ш | 525 255.0625 | 375 290.0625 | | | 575 314.0625 | ç | 1 | - | | | ľ | 32 | \vdash | 525 300.687 | 75 316 | 25 25 | 100 | | 75 312,43; | | 75 289.812 325 315.562 | 1 | | | 303 | - | 1 | 1 | | ~ | 75 290.875 15 303.25 | | | | -94.9 295.2 |
| 0 mmH20 | 10- | -37.35 -93. | -34.75 -91,6875 | | | 33 | 36.05 -92. | | | 05.70 | * I = | 75 - 96.6 | -32.0589.0625 | | 14 | | 1) | 1 | | 89 | 5 -97 | | | -28.7 -86.175 | -59.1 -119,625 | 15 -95,7375 | - | 1 | | | | 87 | 10 | | -31 -90.4125 | L | | 딒 | | 65 -118,0125 | | 45 -94.35 | 95 -90,07 | | 9.3 -87,5625 | | 15 -10 | 9 | 7 | 11 | .9 -91.65 | -11 | | | 55 -96.15 | | | | |
| 0 mmH20 | 100 | 4. | | | | | | | | | L | | | | | | 4 | Ľ | | .33. | | | F- | | | | | | | 24.13 | 3 -31.85 | | | | Ŷ | 7 | | | | 5 55.65 | 9 -34.75 | | | -36. | -26 | | | | 23.05 | -52.7 | | | | | 7 -38.55 | | -25.0 | | -36,9 |
| C mmH2O | 1- | | | | | 1 | 7 -17.7 | 7 -33.7 | 705 | 7, 27 | 7 7 7 7 | 7 -23.9 | | | | 4 | | | | 7 -17,55 | 7 -22.0 | 7 -15.65 | 7 -17,6 | 7 -14 | 7 -36.75 | | | 18.4 | -15.9 | | | | | | -21.2 | | | Š | -13.8 | | 1 | -19.05 | | | -15.9 | | | 1 | 16 55 | | -17 | | | 1 | -20.7 | | | | 20.0 |
| Degrees | TE-258 | | | | | 1 | | 191 | 101 | | 100 | | | | | | | | | | 192. | | 192. | 192.7 | 192.7 | 192.7 | 192.7 | 192.7 | 192.7 | 191.6 | 191.6 | 191.6 | 191.6 | 191.6 | 191.6 | 191.6 | | | | | 190.6 | | | 190.6 | 190,6 | 190.6 | 190.6 | 190.6 | 190.0 | 190.6 | 190.6 | 190.6 | 190,6 | 190.6 | 190.6 | | 192.7 | 190.6 | CTAT |
| Degrees C | TE-204 | 202 | 202.5 | 202.5 | 202 | 202.5 | 202 | 202 | 202 | 202 5 | 202 | 202 | 202.5 | 202 5 | 202.5 | 202.5 | 202.5 | 203 | 203 | 203 | 203 | 203 | 203 | 202.5 | 202 | 202 | 202.5 | 202.5 | 202 | 202 | 202 | 201.5 | 201 | 201 | 201 | 200.5 | 200,5 | 200.5 | 200 | 199,5 | 199.5 | 199.5 | 199.5 | 199.5 | 199 | 199 | 199 | 199 | 100 | 199 | 199 | 199 | 199 | 198.5 | 198.5 | 1 | 203.0 | 198.5 | TOTAL |
| Degrees C | TE-203 | 535.1 | 534.6 | 533.8 | 534.9 | 534.6 | 534.6 | 535.8 | 525 4 | 5343 | 534.2 | 534.4 | 536.6 | 536.5 | 537.3 | 537.1 | 537.2 | 537.3 | 537.5 | 536.7 | 536.5 | 535.8 | 534.5 | 533.7 | 534.8 | 535.2 | 535.5 | 534.5 | 534.4 | 5333 | 532.6 | 531.7 | 531.9 | 532.2 | 530.3 | 530.7 | 531.3 | 530.9 | 530.4 | 531.3 | 531.3 | 530.8 | 531.1 | 531.3 | 530.8 | 530.7 | 531.9 | 532.1 | 531 | 531.7 | 531.2 | 531.6 | 531.1 | 531 | 530.3 | 111111111111111111111111111111111111111 | 537.5 | 533.3 | 220.00 |
| Degrees C | | 1.9 | 1120.6 | 1120.7 | 1120.7 | 1121.6 | 11737 | 1125.1 | 11217 | 1122 5 | 1123 | 1124.3 | 1121.1 | 1122 4 | 1120.8 | 1123 | 1122.2 | 1120 | 1119.7 | 1120 | 1120,4 | 1120.2 | 1120.6 | 1121.7 | 1124.1 | 1121.2 | 1121.4 | 1120.2 | 11101 | 1119.9 | 1119.4 | 1120.9 | 1120.6 | 1119.1 | 1119.4 | 1119.9 | 1119.1 | 1120.5 | 1120.1 | 1118.5 | 1116.9 | 1115.6 | 1115.5 | 1114.9 | 1114.8 | 1116.2 | 1116.5 | 1114.4 | 1119 5 | 1114.6 | 1113.9 | 1114:1 | 1114.1 | 1117 | 1114.1 | | 1125.1 | 1119.3 | TTTS OF |
| Degrees C [| | 338 | 1424.563 | 1425,563 | 1425.188 | 1428.313 | 1427,438 | 1434.063 | 473 688 | 1423 938 | 1423 313 | 1428.688 | 1427,313 | 1432.063 | 1426.813 | 1432 688 | 1425.188 | 1420,438 | 1416,688 | 1418.938 | 1418.313 | 1418.563 | 1419.563 | 1423.813 | 1429.813 | 1419.938 | 1417.688 | 1415.313 | 1418.053 | 1417.063 | 1413.688 | 421.063 | 1416.563 | 1413.563 | 1416.188 | 1414.813 | 1413,563 | 1413,313 | 1414.563 | 1409,813 | 407.438 | 1404.188 | 1408.813 | 1405,063 | 1405.188 | 1411.938 | 1407.938 | 1403,188 | 1401 688 | 1403.188 | 1402.813 | 1405,688 | 1406.313 | 1414,438 | 1399.813 | | 1434.1 | 1416.7 | 17.014 |
| m3/s Ref Dry D | | 59934 | 17.76274 | 52228 | | | 17.7348E | | 1 | 1 | 17 76154 | | 17.46494 | | 1_ | 1 | 1 | _ | _ | 17.58783 1 | 100 | 17.98945 1 | 17,89868 1 | 17.38875 1 | 18,2691 | 17.83848 1 | 17,64982 1 | | 17 81604 1 | | 2 | 17.84675 1 | .18839 | 17.96791 1 | 23436 | - | | 47831 | 17.28652 1 | | | | 2 | 17.92085 1. | | 1 1 | | 17.48775 1. | _ | _ | | 18,39549 1 | 4225 | 1 | 17.69638 1 | | 18.9 | | |
| m/s | FT-260-VEL | 30.66939 | 30.74012 | 30,33814 | 31.19231 | 30.53488 | 30.79452 | 31.84486 | 31.26916 | 31,79006 | 30.83569 | 31,76518 | 30,39194 | 31.00071 | 30.12499 | 30,16933 | 31.36964 | 31.60475 | 31.17898 | 30.54181 | 31.24967 | 31.3402 | 31.09777 | 30.35283 | 32.11235 | 31.41364 | 30.8872 | 30.96933 | 30 97339 | 31,51142 | 30,53641 | 30.88138 | 31.61642 | 31,2161 | 31.51249 | 31,42036 | 30.83877 | 30.11094 | 29.89012 | 30,86612 | 30.95404 | 30.88212 | 30.89479 | 31,03042 | 30,00914 | 30.31359 | 31.52661 | 30,34613 | 30 37051 | 31,59697 | 31.15993 | 31.82871 | 31.13401 | 32.91635 | 30.67581 | 000 | 32.9 | 31.0 | 17.17 |
| m3/h | PV-209 | 14258.48 | 14342.75 | 14224.78 | 14213.54 | 14191.07 | 14557.14 | 14421.41 | 14213,54 | 14230,39 | 14022,53 | 14174.21 | 14213.54 | 14185.45 | 14078.71 | 14196.69 | 14398.93 | 14376.46 | 14230.39 | 14224.78 | 14432.64 | 14101.18 | 14224.78 | 14095.56 | 14342.75 | 14342.75 | 14230.39 | 14224.78 | 14224.78 | 14140.51 | 14241.63 | 14134.89 | 14236.01 | 14358.14 | 14162.98 | 14325.9 | 14297.81 | 14398.93 | 14022.53 | 14207.92 | 14325.9 | 14179.83 | 14258,48 | 14258.48 | 14297.81 | 14174.21 | 14398.93 | 14297.81 | 14320.28 | 14427.02 | 14196.69 | 14314.66 | 14213.54 | 14297.81 | 14219.16 | 9 644. | 14432.6 | 14250.9 | . かんないいっこ |
| ms/n | PV-236 | 16262.5 | 16475 | 16187.5 | 16618,75 | 16256.25 | 16117 5 | 16812.5 | 16518,75 | 16287.5 | 16231.25 | 3 | 16218.75 | 18 | 1 8 | 15950 | 16562.5 | 16343.75 | 16500 | 16362.5 | 16525 | 16162.5 | 16675 | 16018.75 | 16662.5 | 16625 | 16375 | 16218.75 | 16218 75 | 16250 | 16250 | 15987.5 | 16731.25 | 16487 5 | 16200 | 16656.25 | 16293.75 | 16712.5 | 16193.75 | 16556.25 | 16437.5 | 16475 | 16250 | 16443.75 | 16268.75 | 16175 | 16768.75 | 16/81 25 | 16300 | 16818.75 | 16187.5 | 16662.5 | 8 | 16250 | 16493.75 | 0 0 900 1 | 15950.0 | 16380.1 | 133.100.11 |
| LFIZ | | 16.9875 | 17.0625 | 16.35 | | | 17 775 | 17.775 | | | | 17.4375 | | 17.7375 | 17.1 | 18,075 | 17.4 | 1 1 | | 17.3625 | 17.3625 | 17,475 | - 1 | | 18 | 16.9125 | - 1 | | 17.4 | | 17.0625 | | 17.2875 | 17.85 | 17.55 | | | | 17.8125 | _ | l | 17.25 | | | 17.8875 | | | 17.475 | _ | _ | | | | | 20.5875 | | 16.4 | | |
| SCFIVE | FT-313 P | 5.4 | 218.775 | 216.075 | 218.475 | 219.225 | 220.875 | 220,425 | 220.8 | 220,125 | 220,875 | 1 | 225 | 1 | | 1 | 222.675 | 234.525 | 223.575 | 223.5 | 223,125 | 221.85 | 221.85 | 222.3 | 220.95 | 219.6 | 218,25 | 21/.5 | 220.65 | 221.85 | 220.125 | | | 222 525 | 1 . | | A | 224.025 | 245.55 | 224.55 | 225.3 | | 220.2 | | 223.5 | | 222.6 | 241.425 | | | | | 244.05 | - 1 | | 1 | 245.6 | 223.9 | |
| LFIN | | 3.59 | 3.64625 | 3.60125 | 3.64125 | 3.65375 | 3.68125 | 3.67375 | 3.68 | 3.66875 | 3.68125 | | 1 | | 1 | 3.71 | | 3.90875 | 3.72625 | 3.725 | -1 | 3.6975 | 3.6975 | 3,705 | 3.6825 | 3.66 | 3,6375 | 3,625 | | 3.6975 | | - 1 | | 3.70875 | | 4.0125 | | | 3 65 | 3,7425 | 1 1 | | 3.67 | | 3.725 | 2 | 1 | 4.07575 | L | | | _ | | | 3.715 | | 3.6 | | |
| | PV-207 FT | 52 | - 1 | 196.83 | - 1 | | 1 | _ | L | | | 204.075 | 1 | 201.33 | 00.925 | 100.925 | 202.365 | | | 202.68 | | 205.2 | 203.625 | 204.885 | 204.03 | 204.12 | 203.22 | | | | | | - 1 | | 206.325 | | | ा. | 207.36 | | 206.46 | | | 208.08 | 1 | | | 202.00 | L | | 204,435 | | | 1 | 187.29 | | 187.3 | 203.6 | |
| | 4 | | 171.945 | | | 1715175 | | | | | | 169.4812 | | 1 | 1 | 1 0 | | 172.4175 | | | | | _ | | | 170.19 | | 171 0/15 | 1" | L | | | 172.2262 2 | | | | - 1 | 1 | 171.2862 | L | Ш | | 170.8088 | | 173.2163 | 7 | 171.945 | 1 | | | | 172.4625 | | | 173,4525 | İ | 169.5 | 171.7 | |
| + | | | 77 | | | 10.725 17 | | | 1 | 1 | 1 | | | | | | | | | | | 10,715 17 | 10,645 171 | 10,475 17 | | | | 10.615 17 | | 1 | | | | | 10.29 171 | 1 1 | | | 10.085 171 | 1 1 1 1 | | | | 10.475 171 | | | 10.43 17 | | | | | | | | 10.295 173 | | | 1 | |
| I | FT-2 | | 1 | | | 32.54 | | | | | | | 32.895 1 | | | | 32.685 | | | | | | 32.52 1 | | 1 | | 1 | | 32,43 | | | | 32,565 10 | | | | 32.415 | | 32.535 II | | | | | 32.22 | | 32.37 | | | | | | 1 | | | 415 | 22 7 | | 32.6 | |
| 1 | FT-2 | 1 | | 8 8 | | 19:43:00 | | | | | L | | | | L | | | 19:56:00 33 | | 19:58:00 3; | 1 | 1 | 1 | 1 | 1 | | 1 | | | | | 1 | | L | | | | 1 | | | | 1 | 1 | | | | 1 | | | | | | " | | | | + | 32.6 | |
| | S. | _1 | _ | - 1 | Ł | | ٠ | | | | | _ | | | | | | | - 1 | | _ | _1 | 1 | | _ | | 23 20:05:00 | | -23 20:08:00 | _ | | | 23 20:12:00 | | | | -23 20:17:00 | 4 | - | | | | 23 20:24:00 | | 23 | -23 20:28:00 | 4 | | -23 20:32:00 | | | -1 | 23 20:36:00 | | .23 20:39:00 | STANCES AND | (Deligher to the control of the cont | - | The second second second |
| - | SDate | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-0202 | 2020-08-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-0202 | 20.0202 | 2020-0202 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06- | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06- | 2020-06-23 | Max | Min | Average | |

| | | СО | HCl | CO2 | H2O | THC | Main O2 | Opacity | SO2 |
|--|--|----------------|----------------|--------------|----------------|--------------|--------------|--------------|----------------|
| | T | PPM | PPM | % | % | PPM | % | % | PPM |
| \$Date | \$Time | | AT-213A-1NEW | AT-213B-1 | AT-213CB | AT-259-1N | AT-261A-1NEW | AT-263 | AT-264-11 |
| 2020-06-23 | 19:39:00 | | 52.78 | 9.81 | 50.83 | 6.8 | 9.51 | 0.45 | 682.6 |
| 2020-06-23 | 19:40:00 | | 52.78 | | ļ | 6.5 | 9.51 | 0.52 | 671.6 |
| 2020-06-23 | | | 52.78 | 9.67 | 50.48 | 6.8 | 9.74 | 0.52 | 657.7 |
| 2020-06-23 2020-06-23 | } | | 52.78 | 9.64 | 50.48 | 7.1 | 9.74 | | 655.9 |
| 2020-06-23 | | | 52.78 54.17 | 9.73 9.8 | 50.58 50.76 | 7.3 7 | 9.74 | 0.52 | 665.8 |
| 2020-06-23 | | | 54.17 | 9.82 | 50.76 | 8 | 9.74 9.74 | 0.3 | 674.9 |
| 2020-06-23 | 1 | | 54.17 | 9.93 | 51.17 | 8.3 | 9.74 | 0.05 | 676.9 689.3 |
| 2020-06-23 | | | 54.17 | 9.97 | 51.24 | 6.2 | 9.48 | | 694.5 |
| 2020-06-23 | } | | 54.17 | 9.69 | 50.62 | 6.5 | 9.48 | 0.38 | 663.5 |
| 2020-06-23 | 19:49:00 | 26.5 | 52.98 | 9.63 | 50.55 | 6.2 | 9.74 | 0.48 | 655.5 |
| 2020-06-23 | | | 52.98 | 9.67 | 50.57 | 7 | 9.74 | 0.53 | 655.5 |
| 2020-06-23 | 19:51:00 | 30.97 | 54.27 | 9.8 | 50.75 | 9.4 | 9.74 | 0.51 | 671.5 |
| 2020-06-23 | 19:52:00 | 42.17 | 54.27 | 9.86 | 50.85 | 8.6 | 9.74 | 0.51 | 684.1 |
| 2020-06-23 | 19:53:00 | 56.08 | 54.27 | 9.97 | 51.1 | 6.8 | 9.52 | 0.11 | 701.2 |
| 2020-06-23 | | 49.17 | 54.27 | 9.93 | 51.07 | 11.4 | 9.52 | 0.1 | 693.6 |
| 2020-06-23 | | | 54.27 | 9.96 | 51.23 | 6.6 | 9.52 | 0.32 | 701.3 |
| 2020-06-23 | 19:56:00 | | 54.27 | 9.84 | 51.04 | 7.1 | 9.52 | 0.42 | 687.5 |
| 2020-06-23 | 19:57:00 | | 54.27 | 9.74 | 50.85 | 6.9 | 9.52 | 0.51 | 674.7 |
| 2020-06-23 | 19:58:00 | | 54.27 | 9.66 | 50.52 | 7.4 | 9.77 | 0.57 | 659.9 |
| 2020-06-23 | 19:59:00 | | 54.27 | 9.67 | 50.5 | 7.4 | 9.77 | 0.52 | 659.9 |
| 2020-06-23 | 20:00:00 | | 54.27 | 9.76 | 50.68 | 7.3 | 9.77 | 0.52 | 667.8 |
| 2020-06-23 2020-06-23 | 20:01:00 20:02:00 | | 54.27 54.27 | 9.71 9.77 | 50.61 | 8.2 | 9.77 | 0.4 | 667.8 |
| 2020-06-23 | 20:02:00 | | 55.48 | 9.77 | 50.86 51.18 | 8.2 9.4 | 9.77 9.77 | 0.07 | 675.4 |
| 2020-06-23 | 20:04:00 | | 55.48 | 9.95 | 51.16 | 7.1 | 9.77 | 0.3 0.4 | 689.7 696.8 |
| 2020-06-23 | 20:05:00 | | 53.3 | 9.76 | 50.75 | 6.8 | 9.47 | 0.45 | 673 |
| 2020-06-23 | 20:06:00 | 34.38 | 53.3 | 9.68 | 50.56 | 6.6 | 9.68 | 0.48 | 663.2 |
| 2020-06-23 | 20:07:00 | 31.73 | 53.3 | 9.63 | 50.44 | 8.1 | 9.68 | 0.57 | 655.3 |
| 2020-06-23 | 20:08:00 | 40.44 | 53.3 | 9.71 | 50.64 | 6.9 | 9.68 | 0.48 | 663.9 |
| 2020-06-23 | 20:09:00 | 43.42 | 53.3 | 9.68 | 50.59 | 7.8 | 9.68 | 0.51 | 660.5 |
| 2020-06-23 | 20:10:00 | 42.74 | 53.3 | 9.7 | 50.64 | 6.2 | 9.68 | 0.07 | 659.9 |
| 2020-06-23 | 20:11:00 | 38.42 | 53.3 | 9.74 | 50.59 | 8.1 | 9.68 | 0.07 | 660.4 |
| 2020-06-23 | 20:12:00 | 41.1 | 53,3 | 9.8 | 50.75 | 7 <i>.</i> 3 | 9.68 | 0.28 | 668 |
| 2020-06-23 | 20:13:00 | 43.22 | 53.3 | 9.76 | 50.67 | 6.4 | 9.68 | 0.4 | 666.6 |
| 2020-06-23 | 20:14:00 | 37.69 | 53.3 | 9.66 | 50.51 | 6.7 | 9.68 | 0.51 | 660.7 |
| 2020-06-23 | 20:15:00 | 33.26 | 52.28 | 9.63 | 50.42 | 8 | 9.68 | 0.51 | 654.3 |
| 2020-06-23 | 20:16:00 | | 52.28 | 9.67 | 50.6 | 6.9 | 9.68 | 0.48 | 657.2 |
| 2020-06-23 | 20:17:00 20:18:00 | | 52.28 | 9.68 | 50.61 | 6.4 | 9.68 | 0.42 | 661.1 |
| 2020-06-23 | 20:18:00 | 32.22 32.34 | 52.28 | 9.63 | 50.37 | 6.4 | 9.68 | 0.48 | 653.7 |
| 2020-06-23 | 20:20:00 | | 52.28 53.44 | 9.68 9.75 | 50.51 50.72 | 6.8 | 9.68 | 0.08 | 653.7 |
| 2020-06-23 | 20:21:00 | | 53.44 | 9.83 | 50.72 | 8.3 5.8 | 9.68 9.68 | 0.27 | 661.6 |
| 2020-06-23 | 20:22:00 | 32.33 | 53.44 | 9.66 | 50.58 | 6.2 | 9.68 | 0.35 0.42 | 672.9 |
| 2020-06-23 | 20:23:00 | | 52.24 | 9.59 | 50.46 | 6.1 | 9.95 | 0.42 | 657.3 643.5 |
| 2020-06-23 | 20:24:00 | 29.08 | 52.24 | 9.54 | 50.38 | 7.3 | 9.95 | 0.42 | 643.5 |
| 2020-06-23 | 20:25:00 | 38.71 | 52.24 | 9.67 | 50.59 | 6.3 | 9.95 | 0.42 | 655.7 |
| 2020-06-23 | 20:26:00 | 39.48 | 52.24 | 9.67 | 50.52 | 6.7 | 9.95 | 0.48 | 653.4 |
| 2020-06-23 | 20:27:00 | 33.97 | 53.39 | 9.67 | 50.65 | 6.6 | 9.95 | 0.03 | 655.7 |
| 2020-06-23 | 20:28:00 | 34.87 | 53.39 | 9.66 | 50.72 | 8.3 | 9.95 | 0.05 | 658.4 |
| 2020-06-23 | 20:29:00 | 45.53 | 54.43 | 9.79 | 50.96 | 8 | 9.95 | 0.26 | 674.5 |
| 2020-06-23 | 20:30:00 | 44.96 | 54.43 | 9.69 | 50.75 | 6.5 | 9.66 | 0.38 | 666.5 |
| 2020-06-23 | 20:31:00 | 37.66 | 53.22 | 9.57 | 50.54 | 6.7 | 9.66 | 0.42 | 655.4 |
| 2020-06-23 | 20:32:00 | 31.55 | 53.22 | 9.57 | 50.48 | 7.3 | 9.89 | 0.46 | 646.8 |
| 2020-06-23 | 20:33:00 | 33.49 | 53.22 | 9.58 | 50.46 | 8 | 9.89 | 0.45 | 646.8 |
| 2020-06-23 | 20:34:00 | 39.34 | 53.22 | 9.62 | 50.56 | 8.5 | 9.89 | 0.45 | 655.2 |
| 2020-06-23 2020-06-23 | 20:35:00 | 44.03 | 53.22 | 9.62 | 50.66 | 10 | 9.89 | 0.45 | 656.7 |
| 2020-06-23 | 20:36:00 | 49.41 52.93 | 53.22 | 9.7 | 50.77 | 8.7 | 9.89 | 0.07 | 661.2 |
| 2020-06-23 | 20:37:00 | 56.14 | 54.5 54.5 | 9.81 9.86 | 50.93 51.11 | 12.4 7.2 | 9.89 | 0.17 | 671 |
| 2020-06-23 | 20:39:00 | 46.55 | 54.5 | 9.86 | 51.11 | 7.2 | 9.66 9.66 | 0.32 | 680.2 |
| | | -,0.55 | 54.5 | 3.04 | 30.73 | 0 | 9.00. | 0.45 | 659 |
| Max | | 56.1 | 55.5 | 10.0 | 51.3 | 12.4 | 10.0 | 0.6 | 701.3 |
| Min | MANAGER DE SANSANTAN DE SANSANTAN PERSONAL PERSO | 26.5 | 52.2 | 9.5 | 50.4 | 5.8 | 9.5 | 0.0 | 643.5 |
| CONTROL DE CONTRACTOR DE C | *************************************** | | | | | - | | | |
| Average | 1 | 38.6 | 53.5 | 9.7 | 50.7 | 7.4 | 9.72 | 0.4 | 666.6 |

| Lhe/h | 11/2/11 | 3C-PAC-F1 | 25.906.25 | 25.90875 | 27.24/3 | 377676 | 27,77 | 75 00075 | 200000 | 20.7223 | 27.195 | 27.22125 | 26.355 | 26 32875 | 26.060.50 | 20,000,00 | 25.90875 | 27.1425 | 26.5125 | 26,4075 | 25.935 | 25.935 | 26.27625 | 27 01125 | 26 1975 | 27.07.70 | 27.77 | 57195.07 | 27.135 | 26.85375 | 27.1425 | 26.145 | 26.06625 | 27.16875 | 25.83 | 27.11625 | 25,9875 | 26.7225 | 25.96125 | 26.145 | 26,90625 | 26.43375 | 26,32875 | 26,46 | 27.27375 | 26.53875 | 25.96125 | 26.95875 | 26.32875 | 27.06375 | 27,06375 | 26.01375 | 26.39123 | 26 1975 | 26.04 | 27.3 | 27.01125 | 25,90875 | 26.64375 | 26.85375 | 26.1975 | 25.8825 | 26.0925 | 26.69625 | | 27.3 | 25.8 | 26.5 | 1 220001816 |
|--------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------|------------|------------|------------|------------|------------|----------|----------|------------|-----------|----------|----------|----------|------------|------------|------------|------------|------------|------------|----------|----------|----------|----------|-----------|----------|-----------|------------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|------------|----------|-----------|----------|----------|------------|-----------|-----------|----------|------------|----------|------------|----------|----------|----------|------------|------------|--|---------|--|---------|-------------|
| mmH2O | | | 305.75 | 507.5625 | 705 1075 | 268 6875 | 317 75 | 3630 536 | 200.002 | C/07'507 | 57.75 | 304.125 | 312,0625 | 279 5625 | 200 000 | 400.9373 | 313,18/5 | 325,5625 | 282,5625 | 288.8125 | 298.8125 | 306.0625 | 258.5 | 282.25 | 261 875 | 21/ 6075 | C/00'+TC | 200000 | 288.U525 | 300.0625 | 303.3125 | 312,6875 | 282.4375 | 289,25 | 315.5 | 323.75 | 282,625 | 291.5625 | 294.5 | 306,625 | 258.6875 | 283.625 | 265.375 | 315.875 | 322.5625 | 287.875 | 295.625 | 301,3125 | 312.375 | 279.625 | 287.3125 | 315.25 | 780 | 202 75 | 265.625 | 307.9375 | 259.8125 | 285 | 295.3125 | 320.8125 | 328.6875 | 290 | 296.75 | 302.25 | | 328.7 | 258.5 | 295.4 | |
| mmH2O | OT 645 | 103 607 | C/89'50T- | 475475 | C/T'CTT- | 116 0675 | 25.25 | 100 4625 | -102 6375 | 200.00 | -97.875 | -96,1125 | -92.25 | -96.8625 | 01 105 | CZTTC | -92.475 | -88,125 | -111.3 | -98.175 | -104,8875 | -94.9875 | -117.9 | -94.05 | -115.35 | 20.00 | 202.00 | 1004 | CS.SOT- | -99.525 | -97.0125 | -92.025 | -99.225 | -92.175 | -96.3 | -85.3875 | -113.8875 | -102.3 | -116.8875 | -96.825 | -117,825 | -95.7 | -105.375 | -91.1625 | -85.8 | -107.4 | -100.125 | 66- | -94.0125 | -100.1625 | -93.1125 | -96.225 | -116 4375 | -101 4375 | -117,1125 | -94,9125 | 1 | - | -92.325 | -91.7625 | -88.0125 | -106.65 | -99.9375 | -97.0875 | - | | -117.9 | -99.3 | L. |
| mmH20 | | C CV | 26.25 | 25.33 | 2.04 | ,55.75 | 2386- | 707 | 13.95 | 20.00 | 39.5 | -37.05 | -34.85 | -37.35 | 37.6 | 0.00 | 33 | -32.2 | -46.9 | | | -34.05 | -55.55 | -32.55 | -54.1 | 30.6 | 0.00 | 0.67 | 0.14 | -40.25 | -38.85 | -33.1 | -38.35 | -34.1 | -34.7 | -28.6 | | | | -36.55 | -55.1 | -38.8 | -51,35 | -30.6 | -28.65 | -47.1 | -40.15 | -38.6 | | | -31.6 | -34.7 | 51.6 | | | 1 | 1 | -34,9 | -34.2 | -31.5 | -27.35 | -43.95 | -40 | | 1 | -26.4 | -55.8 | -39.4 | L |
| mmH2O | , | F 3C 3C | 10.45 | -19.45 | 101 | -34 45 | 13.85 | -23 RE | 2000 | 24.05 | SS.17- | -21.55 | -18.9 | -21.6 | 10 25 | COLOR | /,/, | -15.4 | -28.3 | -20.7 | -25.55 | -17.95 | -33.4 | -17.8 | -32.2 | 15.2 | 70.0 | 0.00 | 6.62 | -22.2 | -70.75 | -17.1 | -22.5 | -17.15 | -19.35 | -14.7 | -31.7 | -23.2 | -31.6 | -20.1 | -34.05 | -22.05 | -29,45 | -16.15 | -13.6 | -27.65 | -22.35 | -21.8 | -19.6 | -22.75 | -17.95 | -19.95 | 31 55 | -23.55 | -34.45 | -20.25 | -32.45 | -19.5 | -19.1 | -17.35 | -14.45 | -25.85 | -22.75 | -20.6 | - | -13.6 | -34.5 | -22.3 | 00017 00 |
| Degrees C | | 4 | 100.0 | 100 6 | 180.6 | 189.6 | 189.6 | 189.6 | 188.6 | 100 0 | 188.0 | 189.7 | 189.7 | 189.7 | 188.6 | | 188.0 | 188.6 | 188.6 | 188.6 | 188.6 | 188.6 | 188.6 | 188.6 | 188.6 | 188.6 | 1001 | 1000 | 0.001 | 188.6 | 188.6 | 188.6 | 188.6 | 188.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 187.6 | 188.7 | 188.7 | 188.7 | 188.7 | 188.7 | 188.7 | 188.7 | 188.7 | 189.7 | 190.7 | Ī | 190.7 | 187.6 | 188.5 | ł |
| Degrees C | E-204 | 7 2 | 107 5 | 107 E | 197 5 | 197.5 | 197 | 197 | 197 | 101 | 767 | 197 | 197 | 196.5 | 197 | 100 | 787 | 196.5 | 196.5 | 197 | 196.5 | 196.5 | 196.5 | 196.5 | 196.5 | 196.5 | 100 | 100 | 730 | 196 | 130 | 196 | 195.5 | 195,5 | 195.5 | 195 | 195 | 195 | 195 | 195 | 195 | 195 | 195 | 195 | 194.5 | 194.5 | 195 | 195 | 195 | 195 | 195.5 | 195.5 | 195.5 | 196 | 196.5 | 196.5 | 197 | 197 | 197.5 | 197.5 | 197,5 | 198 | 198.5 | 199.5 | ার্ড | 199.5 | 194.5 | 196.3 | 1 146038 0 |
| Degrees C | 1 | 520 | 520 G | 2.25.2 | 529.3 | 5288 | 529.2 | 528 | 528.4 | 527.0 | 07/70 | 527.3 | 526.9 | 527.2 | 527.0 | 0.000 | 270.0 | 52/.5 | 527.9 | 527.2 | 527.1 | 525.8 | 526.6 | 525.7 | 526.5 | 527.1 | 526.1 | 5757 | 263.6 | 1.62c | 272 | 524.8 | 525.3 | 525.3 | 524.6 | 523.8 | 524.3 | 525 | 525.3 | 524.9 | 525.3 | 524.6 | 525.4 | 525.1 | 525.6 | 525.8 | 526 | 525.8 | 525.6 | 526.3 | 526 | 97929 | 526.8 | 527.1 | 526.6 | 526.5 | 527 | 527.4 | 527.1 | 526.8 | 527.6 | 527.4 | 526.9 | 527 | - | 529.6 | 523.8 | 526.6 | 1 |
| Degrees C | 1 | 11107 | 11108 | 11123 | 11112 | 1112.2 | 11113 | 1113.4 | 1111.2 | 1100 2 | CCCOTT | 1108 | 1108.3 | 1108,3 | 1109.3 | 11101 | 177077 | 1111.3 | 1111,7 | 1108.5 | 1107.3 | 1106.7 | 1107.5 | 1106.1 | 1107 | 1105 5 | 1106.2 | 110/2 | 2 0 0 0 | 1102.4 | 1102.3 | 1102.7 | 1102.7 | 1102.5 | 1101.3 | 1101.4 | 1101.9 | 1099.4 | 1098.4 | 1098.1 | 1099.9 | 1098.9 | 1100 | 1099.2 | 1101.2 | 1099.8 | 1098.1 | 1097.9 | 1099 | 1100.3 | 1101.6 | 1102 | 1105.1 | 1102.2 | 1102.3 | 1102 | 1102.9 | 1101.6 | 1102.2 | 1101.8 | 1104.4 | 1103.6 | 1102.3 | 1101.6 | - | 1113.4 | 1097.9 | 1104.5 | 19.45929 1 |
| Degrees C | Ť | 1395 688 | 1398 188 | 1401 063 | 1398,938 | 1400.938 | 1400.438 | 1407.938 | 1396.313 | 1303 813 | 1030.040 | 1390.313 | 1393.188 | 1391.938 | 1396.063 | 1200 100 | 1004.100 | 1399,563 | 1397,563 | 1390,313 | 1388.813 | 1388.188 | 1390.688 | 1387.813 | 1391,063 | 1390.063 | 1307 038 | 1385 588 | 2000,000 | 1387.383 | 13/3.188 | 1381.813 | 1378.438 | 13/9,438 | 1377.563 | 1381.313 | 1380.688 | 1374.688 | 1374.688 | 1374,063 | 1377.188 | 1374.438 | 1377.813 | 1376,938 | 1384,063 | 1376.688 | 1375,438 | 1373,438 | 1377,813 | 1377.563 | 1381.063 | 1380.313 | 1388.938 | 1381.063 | 1380.938 | 1379,438 | 1384.813 | 1380.063 | 1384,688 | 1383.688 | 1392.188 | 1385.063 | 1382.688 | 1379.688 | , | 1407.9 | 1373.4 | 1386.1 | 73 26642 1 |
| m3/s Ref Dry | T | 17.91284 | 17 78961 | | 17.86413 | 18,44196 | 17.3772 | 18.77002 | 17.9822 | 17 9028 | 0700.71 | 18.28437 | 17,90351 | 17,97533 | 18,09225 | 17 01001 | TECTO' / T | 17.05828 | 18.301/2 | 17,67767 | 18.28047 | 17,79149 | 18.97691 | 17,81166 | 18.65876 | 17.65966 | 17 19644 | 17 69197 | 10200 | 1 | 88607.71 | 4 | 1 | - | 8.0087 | | 33905 | 18.17806 | 53815 | 31333 | 1 | | | | | _ | 93642 | 18.34873 | 17.91361 | 18.13723 | 96263 | 17.99801 | 1 | | 55296 | 17,87149 | 19,24901 | - | 18,06678 | 28031 | 17.69755 | 69358 | 18.03975 1 | 1 | | 19.2 | 17.2 | 18,1 | L., |
| m/s | ū | 18 | 30.77817 | 31 09464 | 30,87467 | 31.94519 | 30.09334 | 32,57783 | 31.29977 | 31 03121 | 1710011 | 31.53702 | 30,68805 | 30,99945 | 31,10493 | 30 6615 | 00.000 | 30.33708 | 31./5/33 | 30.47652 | 31,38503 | 30.60108 | 32.67626 | 30.78982 | 32.11498 | 30,46844 | 30.0165 | 30 79186 | 31 50500 | 20.44444 | 20.44414 | 30.59105 | 31.351/4 | 30.75782 | 31.01765 | 30.51181 | 31.62938 | 31.36066 | 31.86638 | 31.31581 | 32.19858 | 30.89746 | 32.19573 | 31.31222 | 30.23586 | 30.9201 | 30.8445 | 31,42446 | 30.61802 | 31.09358 | 30.89621 | 30.82442 | 31,80268 | 30.97421 | 31.88628 | 30,60806 | 32,88537 | 30.74538 | 30.79401 | 31,35044 | 30,45837 | 32.24463 | 31.08893 | 31.37776 | 7 | 32.9 | 29.9 | 31,1 | CA2020010 |
| m3/h | | 13 | 14168.6 | 14179.83 | 14067,47 | 14286.57 | 14185.45 | 14185.45 | 14157.36 | 14286.57 | 2 20 20 2 | 14168.6 | 14196.69 | 14196.69 | 14162.98 | 17162 00 | 14050 63 | 14030.02 | 14309.05 | 14185.45 | 14269,72 | 14157.36 | 14331.52 | 14050.62 | 14168.6 | 14134.89 | 14134.89 | 14258 48 | 1402015 | 14124 60 | 14134,09 | 14241.63 | 14089.94 | 14190.69 | 14084.33 | 14202.3 | 14320.28 | 14219.16 | 14213.54 | 14213.54 | 14196.69 | 14106.8 | 13977.58 | 14174.21 | 14084.33 | 14353.99 | 14151.74 | 14140.51 | 14151.74 | 14140.51 | 14022.53 | 13007 55 | 14370,84 | 14061.85 | 14162.98 | 14280.96 | 14118.03 | 14252.87 | 14230.39 | 14084.33 | 14084.33 | 14219.16 | 14191.07 | 14264.1 | | 14370.8 | 13904.6 | 14171.5 | |
| m3/h | 36 | 75 | 16287.5 | 16868.75 | 16293.75 | 16625 | 16181.25 | 16075 | 16600 | 16487.5 | 7,000 | 16400 | 16312.5 | 16562.5 | 16275 | 16375 | 16750 | DCZOT | C/\00/0T | 16656.25 | 16/81.25 | 16543.75 | 16825 | 16287.5 | 16443.75 | 16181.25 | 16187.5 | 16637 5 | 16/81 25 | 16617 5 | 20077 | C/.81501 | Tesso | 10475 | 16400 | 1628/.5 | 17006.25 | 16581.25 | 16881.25 | 16412.5 | 16/93.75 | | 1628/.5 | 16425 | 16231.25 | 16918.75 | 16762.5 | 16606.25 | 16331.25 | 16593.75 | 16501 25 | 16206 25 | 16987.5 | | 16656.25 | 16412.5 | 16425 | 16425 | 16206.25 | 6.25 | 16175 | 16756.25 | 25 | 16531.25 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 17006.3 | 0 | 91.8 | 732 |
| LPM | PV-211 | 225 | 21.15 | 21.4875 | 21,4875 | 21.2625 | 20.9625 | 20.9625 | 20.9625 | 21 | 377.00 | 70.772 | 21.1875 | 21.75 | 21.675 | 20 775 | 20.00 | 676,02 | 57.075 | 21.5625 | | 20.8875 | 20.625 | 20.8875 | 21.7875 | 21,6375 | 20.8875 | 20 9625 | 22 0875 | 21 5635 | 24.204.2 | 27.77 | 21.4125 | 57.41.25 | 21,4125 | 6.17 | 21.825 | | | | 25.02 | 5/80:77 | 21.45 | | | | | | | | 27 00 66 | | | 4 | | 21.7125 | 20.8125 | 21.3375 | | | 20,8875 | | | 21.2625 | | 22.1 | | 21.3 | |
| SCFM | FT-313 | .55 | 219.075 | 217.05 | 221.1 | 219.825 | 219,975 | 218.4 | 221.7 | 222.225 | 203 200 | 777.072 | 217.2 | 219.75 | 219,075 | 2148 | 217.0 | 0,47.2 | 077 | 214.725 | 218.475 | 219.15 | 216.3 | 213.9 | 214.575 | 206.85 | 199.575 | 195.75 | 195.825 | 107.7 | 200 525 | 210,010 | 20000 | 202.65 | 213.225 | C74,112 | 216,075 | 220.725 | 221.775 | 279.617 | 9767 | 6.612 | 597.077 | 221.7 | 223.425 | 222.9 | 223.575 | 222.9 | 477.75 | 2777 | 727 375 | 224.323 | 224,025 | 225.6 | 224.625 | 224.7 | 224.625 | 223.2 | | - 0 | | 224.4 | | - 1 | 6 | 225.6 | | 218.1 | |
| LPM | FT-313B | 25 | 3.65125 | 3.6175 | 3,685 | 3.66375 | 3.66625 | 3.64 | 3.695 | 3,70375 | 27,002,0 | 3,093/3 | 3.62 | 3,6625 | 3.65125 | 3 58 | 2 50 | 0 0 | 0.0 | 3.5/8/5 | 3.041.25 | 3.6525 | 3.605 | 3.565 | 3.57625 | 3.4475 | 3,32625 | 3.2625 | 3 26375 | 3 205 | 247675 | 3.44043 | 2,01023 | 3.4973 | 3,553/5 | 5.52575 | 3.601.25 | 3.67875 | 3,69625 | 3.00123 | 3.00 | 3.003 | 5,0//5 | 3,695 | 3.72375 | 3.715 | 3.72625 | 3.715 | 3.69 | 3.7.125 | 3 73875 | 3 7475 | 3.73375 | 3.76 | 3.74375 | 3.745 | 3.74375 | 3.72 | 3.74375 | 3,70625 | 3.7175 | 3.74 | 3.7225 | 3.71875 | .0 | 89.0 | | 3.6 | |
| LPM | PV-207 | 9 | 175,635 | 174.285 | 180.135 | 185.85 | 178.65 | 174.87 | 174.015 | 173.97 | 172.00 | 112.09 | 173,205 | 172.89 | 204,525 | 209 43 | 205.4E | 200,400 | 100.00 | 180.81 | 1/6.04 | 174.06 | 172.845 | 173.79 | 171.99 | 172.215 | 172.035 | 171.72 | 170 775 | 169 785 | 100 03 | 140.02 | 170.07 | 174.00 | 470.72 | 170,77 | 1/0,145 | 1/1,225 | 169.965 | 170.415 | 170 055 | 170.955 | 1/0.505 | 169.56 | 170.46 | 170.64 | 170.82 | 169.83 | 159,875 | 160 245 | 165 195 | 164.61 | 164.52 | 164.205 | 164.025 | 163.71 | 164.25 | 164.475 | 163.755 | 164.07 | 160,155 | 159.93 | 158,895 | 164,115 | | 209.4 | | 172.5 | |
| LPM | FT-223 | 170.6625 | 171,2362 | 170.6625 | 171.5175 | 172.1362 | 171.18 | 172.08 | 171.9 | 170.7525 | 171 6075 | C/00.T/T | 170.7525 | 172.2712 | 169.6725 | 171 7538 | 171 18 | 177 2775 | 172 2742 | 71/7.7/17 | 1/2.098/ | 172.6087 | 172.98 | 174.3075 | 175.3088 | 172.8 | 172.5525 | 173,9812 | 173 1712 | 177 3163 | 172 1710 | 173 0000 | 175 00 | 75 6757 | 172.042/ | 1707 | 1/3./ | 1/4./35 | 1/3./45 | 171 00 | 175 70 | 1/3/12 | 2707.071 | 1/2./438 | 1/5.1625 | 1/2.5525 | 1/3.835 | 172.70 | 173.79 | 177 0712 | 175 1175 | 174.645 | 172.3725 | 174,4988 | 173,5537 | 173,6437 | 174.2625 | 173.5087 | 174.1725 | 172.89 | 173.7 | 172.6538 | 75.4437 | 173.6437 | | 175.4 | | | 1.756691 |
| LPM | FT-219C | 65 | 1 | 1 | 10.105 | | 10.675 | 10.285 | 10,26 | | 1 | | | 10.495 | 10.4 | 1 | | 20.00 | 1000 | 10.12 | 10.243 | | - 1 | 10.04 | 10.63 | 10,385 | | | 10,085 | | | 10.000 | | 1 | | 10.00 | 10,353 | 10.405 | 10.295 | CO.OT | 10 24 E | 10,012 | | 10.235 | | - 1 | 10.205 | 77.0T | 1 | 10.34 | | | 10.53 | | | 0.3 | | 10.54 | 9.76 | 10.7 | 10.05 | 10.12 | | | 0 | 10.9 | 20 C | 10.3 | |
| LPM | FT-229 F | 365 | 32.73 | 32.04 | 32.385 | 32.325 | 32.535 | 32.115 | 32.295 | 32.22 | 37.1 | 777000 | 32,355 | 32.46 | 32.295 | 32.25 | 32.22 | 21 005 | 2000 | 31.905 | 52.04 | 32.1/5 | 31.845 | 32.055 | 32.31 | 32.115 | 32.01 | 31.725 | 31.98 | 32.1 | 32.01 | 32 005 | 21 025 | 31 065 | 27.1 | 31.0 | 21.0 | 21,363 | 37.77 | 31 635 | 20.00 | 27.00 | 24 705 | 37.785 | 32.115 | 31.755 | 31.755 | 37.75 | 37.715 | 21 005 | 32.22 | 32.145 | 32.04 | 32.16 | 31.92 | 31.875 | 32.01 | 31.95 | 31.845 | 31.965 | 32.1 | 32.22 | 31.8 | 32.085 | | 32.7 | | | 0.04886 0 |
| • | \$Time F | 3:00 | 20:49:00 | 20:50:00 | 20:51:00 | 20:52:00 | 20:53:00 | 20:54:00 | 20:55:00 | 20:56:00 | 20:57:00 | 20.75.05 | 70:28:00 | 20:59:00 | 21:00:00 | 21:01:00 | 21:02:00 | 21.02.00 | 21.04.00 | 21.05.00 | 24.00.00 | 71:00:00 | 21:07:00 | 21:08:00 | 21:09:00 | 21:10:00 | 21:11:00 | 21:12:00 | 21:13:00 | 21:14:00 | 21:15:00 | 21,15,00 | 21.17.00 | 21.18.00 | 21.10.00 | 21.20.00 | 24.24.00 | 21.22.00 | 21:22:00 | 21.24.00 | 21.25.00 | 21.25.00 | 27.27.00 | 21.20.00 | 21.28.00 | 00:67:17 | 21:30:00 | 21.32.00 | 21.32.00 | 21.34.00 | 21:35:00 | 21:36:00 | 21:37:00 | 21:38:00 | 21:39:00 | 21:40:00 | 21:41:00 | 21:42:00 | 21:43:00 | 21:44:00 | 21:45:00 | 21:46:00 | 21:47:00 | 21:48:00 | - | | - Contractor Contracto | | _ |
| | \$Date \$ | 0-06-23 | 2020-06-23 | 2020-06-23 | 2020-08-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2000000 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | \vdash | | | 20-00-0202 | | | - | | 2020-06-23 | 2020-06-23 | 2020-08-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | + | ـــــ | 4 | - 3 | 2020-0223 | 1 | 2020-0202 | 2020-06-23 | 2020-0202 | 50-0-0202 | _ | 4 | - | - | | 1 | | 2020-08-23 | | 1 | | | 2020-06-23 | _ | | -1 | 2020-06-23 | | 2020-06-23 | | | - | .23 | 2020-06-23 | Manual and a second sec | Min | Average | Average | Variance |

| | | СО | HCI | CO2 | H2O | THC | Main O2 | Opacity | SO2 |
|--------------------------|----------------------|----------------|----------------|--------------|----------------|-----------|--------------|--------------|----------------|
| | | PPM | PPM | % | % | PPM | % | % | PPM |
| \$Date | \$Time | | AT-213A-1NEW | AT-213B-1 | AT-213CB | AT-259-1N | AT-261A-1NEW | AT-263 | AT-264-1 |
| 2020-06-23 | | - | 54.39 | 9.65 | 50.67 | 9.2 | 9.66 | 0.48 | 657. |
| 2020-06-23 | | | 54.39 | 9.58 | } | 10.3 | 9.88 | 0.48 | 650 |
| 2020-06-23 | | | 54.39 | 9.57 | 50.49 | | 9.88 | 0.46 | |
| 2020-06-23 | 20:51:00 | | 54.39 | 9.67 | 50.69 | | 9.88 | 0.48 | |
| 2020-06-23 | | | 54.39 | 9.61 | 50.66 | | 9.88 | } | 656. |
| 2020-06-23 | 20:53:00 | | 54.39 | 9.67 | 50.81 | 10.1 | 9.88 | 0.07 | 659 |
| 2020-06-23 | | <u> </u> | 54.39 | 9.73 | 50.93 | 12.3 | 9.88 | 0.07 | 660 |
| 2020-06-23 | 20:55:00 | | 54.39 | 9.77 | 51.07 | 7.9 | 9.88 | 0.36 | |
| 2020-06-23 | 20:56:00 20:57:00 | | 54.39 | 9.61 | 50.79 | | 9.64 | 0.42 | 661. |
| 2020-06-23 | 20:58:00 | | 53.15 | 9.52 | 50.59 | 8 | 9.64 | 0.45 | 643.4 |
| 2020-06-23 | | | 53.15 53.15 | 9.19 9.55 | 50.45 50.53 | 9.2 | 9.95 | 0.48 | 641.9 |
| 2020-06-23 | 21:00:00 | <u> </u> | 53.15 | 9.52 | 50.43 | 8.1 10 | 9.95 | 0.45 | 649. |
| 2020-06-23 | | | 53.15 | 9.58 | 50.5 | 8.8 | 9.95 9.95 | 0.47 | 649.3 |
| 2020-06-23 | 21:02:00 | | 53.15 | 9.67 | 50.83 | 9.9 | 9.95 | 0.05 0.05 | 653.4 627.9 |
| 2020-06-23 | | | 53.15 | 9.76 | 50.95 | 10.6 | 9.95 | 0.03 | 618.9 |
| 2020-06-23 | | | 53.15 | 9.69 | 50.61 | 8.4 | 9.67 | 0.31 | 638.2 |
| 2020-06-23 | 21:05:00 | | 52.12 | 9.53 | 50.37 | 9.1 | 9.67 | 0.5 | 646.2 |
| 2020-06-23 | 21:06:00 | | 52.12 | 9.21 | 50.43 | 9.3 | 9.9 | 0.5 | 649.9 |
| 2020-06-23 | 21:07:00 | | 52.12 | 9.24 | 50.56 | 9.8 | 9.9 | 0.48 | 652.9 |
| 2020-06-23 | 21:08:00 | | 53.18 | 9.62 | 50.71 | 8.9 | 9.9 | 0.48 | 661.9 |
| 2020-06-23 | 21:09:00 | <u> </u> | 53.18 | 9.55 | 50.55 | 9.7 | 9.9 | 0.52 | 658 |
| 2020-06-23 | 21:10:00 | | 53.18 | 9.63 | 50.69 | 10.4 | 9.9 | 0.1 | 663.3 |
| 2020-06-23 | 21:11:00 | 58.73 | 54.38 | 9.75 | 51 | 14.3 | 9.9 | 0.07 | 672.7 |
| 2020-06-23 | 21:12:00 | 67.64 | 54.38 | 9.78 | 51.22 | 7.8 | 9.9 | 0.4 | 684.3 |
| 2020-06-23 | 21:13:00 | 58.09 | 54.38 | 9.62 | 50.9 | 9.3 | 9.66 | 0.45 | 668 |
| 2020-06-23 | 21:14:00 | 47.7 | 53.17 | 9.47 | 50.51 | 8.1 | 9.99 | 0.45 | 644.1 |
| 2020-06-23 | 21:15:00 | 45.64 | 53.17 | 9.45 | 50.46 | 9.1 | 9.99 | 0.51 | 642.8 |
| 2020-06-23 | 21:16:00 | 43.54 | 54,19 | 9.54 | 50.66 | 8.6 | 9.99 | 0.41 | 651.6 |
| 2020-06-23 | 21:17:00 | 43.54 | 54.19 | 9.54 | 50.68 | 9.2 | 9,99 | 0.48 | 651.6 |
| 2020-06-23 | 21:18:00 | 42.28 | 54.19 | 9.5 | 50.67 | 9.4 | 9.99 | 0.18 | 651.2 |
| 2020-06-23 | 21:19:00 | 44.05 | 54.19 | 9.54 | 50.81 | 10 | 9.99 | 0.07 | 654.6 |
| 2020-06-23 | 21:20:00 | 47.95 | 55.36 | 9.6 | 50.96 | 10.8 | 9.99 | 0.36 | 664.2 |
| 2020-06-23 | 21:21:00 | 48.43 | 55.36 | 9.34 | 50.74 | 8.1 | 9.99 | 0.36 | 661.1 |
| 2020-06-23 | 21:22:00 | 44.64 | 54.23 | 9.26 | 50.54 | 9.2 | 9.99 | 0.45 | 651.2 |
| 2020-06-23 | 21:23:00 | 42.63 | 54.23 | 9.17 | 50.27 | 8.7 | 9.99 | 0.45 | 641.9 |
| 2020-06-23 | 21:24:00 | 44.32 | 53.2 | 9.17 | 50,28 | 9.6 | 9.99 | 0.48 | 641.9 |
| 2020-06-23 | 21:25:00 | | 53.2 | 9.51 | 50.43 | 8.5 | 9.99 | 0.42 | 649.5 |
| 2020-06-23 | 21:26:00 | 42.59 | 53.2 | 9.18 | 50.32 | 9.9 | 9.99 | 0.45 | 645.3 |
| 2020-06-23 | 21:27:00 | 44.64 | 53.2 | 9.25 | 50.45 | 8.8 | 9.99 | 0.15 | 649.4 |
| 2020-06-23 | 21:28:00 | 47.91 | 54.44 | 9.63 | 50.74 | 11.3 | 9.99 | 0.07 | 658.8 |
| 2020-06-23 | 21:29:00 | | 54.44 | 9.69 | 50.86 | 8 | 9.99 | 0.32 | 669.3 |
| 2020-06-23 | 21:30:00 | 51.8 | 54.44 | 9.58 | 50.55 | 9.6 | 9.77 | 0.41 | 661.9 |
| 2020-06-23 | 21:31:00 | | 54.44 | 9.51 | 50.4 | 8.3 | 9.99 | 0.48 | 646 |
| 2020-06-23 | 21:32:00 | 46.97 | 54.44 | 9.45 | 50.29 | 10 | 9.99 | 0.48 | 643.4 |
| 2020-06-23 2020-06-23 | 21:33:00 21:34:00 | 51.27 50.93 | 54.44 | 9.55 | 50.45 | 9.1 | 9.99 | 0.46 | 651.7 |
| 2020-06-23 | 21:35:00 | | 54.44 | 9.58 | 50.53 | 10.2 | 9.99 | 0.52 | 654.9 |
| 2020-06-23 | 21:35:00 | 51.13 52.23 | 54.44 54.44 | 9.61 | 50.54 | 9.4 | 9.99 | 0.2 | 658.1 |
| 2020-06-23 | 21:37:00 | 53.03 | 54.44 | 9.65 9.69 | 50.69 50.73 | 10.9 | 9.99 | 0.05 | 664 |
| 2020-06-23 | 21:38:00 | 56.45 | 54.44 | 9.39 | 50.73 | 12.4 8 | 9.99 9.74 | 0.36 | 670.7 |
| 2020-06-23 | 21:39:00 | 49.96 | 54.44 | 9.31 | 50.79 | 8.9 | 9.74 | 0.4 0.45 | 674.3 662.1 |
| 2020-06-23 | 21:40:00 | 43.75 | 54.44 | 9.24 | 50.24 | 8.9 | 9.96 | 0.45 | 647.6 |
| 2020-06-23 | 21:41:00 | 45.32 | 54.44 | 9.22 | 50.17 | 10.8 | 9.96 | 0.57 | 645.2 |
| 2020-06-23 | 21:42:00 | 51.6 | 54.44 | 9.6 | 50.39 | 8.2 | 9.96 | 0.51 | 654.8 |
| 2020-06-23 | 21:43:00 | 49.99 | 54.44 | 9.53 | 50.26 | 10.3 | 9.96 | 0.55 | 651.2 |
| 2020-06-23 | 21:44:00 | 50.53 | 55.8 | 9.59 | 50.35 | 8.8 | 9.96 | 0.33 | 654.2 |
| 2020-06-23 | 21:45:00 | 55.6 | 55.8 | 9.66 | 50.45 | 13 | 9.96 | 0.01 | 659.6 |
| 2020-06-23 | 21:46:00 | 60.29 | 55.8 | 9.72 | 50.55 | 7.8 | 9.96 | 0.32 | 670.3 |
| 2020-06-23 | 21:47:00 | 57.23 | 55.8 | 9.68 | 50.42 | 9 | 9.7 | 0.46 | 667.6 |
| 2020-06-23 | 21:48:00 | 45.24 | 55.8 | 9.52 | 50.08 | 8.1 | 9.9 | 0.48 | 650.5 |
| | | | | 1.5 | | | | | |
| Max | | 67.6 | 55.8 | 9.8 | 51.2 | 14.3 | 10.0 | 0.6 | 684.3 |
| Min | | 42.0 | 52.1 | 9.2 | 50.1 | 7.8 | 9.6 | 0.0 | 618.9 |
| | | 49.0 | F 4 1 | | | | | | |
| Average | 1 | 49.0 | 54.1 | 9.5 | 50.6 | 9.5 | 9.91 | 0.4 | 654.6 |

| Lbs/h | SC-PAC-FT | 27.0375 | 27.11625 | 26.85375 | 27.16875 | 27.01125 | 26.591.25 | 26.565 | 26,27625 | 26,74875 | 26.67 | 25.85625 | 26.04 | 27.0375 | 27.3 | 26.32875 | 25.935 | 25,933 | 27,27375 | 25,935 | 25.85625 | 25.90875 | 27.195 | 26.4075 | 26.6175 | 26.355 | 26.27.37.5 | 26.48625 | 27,195 | 27.2475 | 26.25 | 26.06625 | 26.80125 | 26,80125 | 27.06375 | 26.69625 | 26.11875 | 26.3025 | 27.0375 | 27.32625 | 27,2475 | 27.3 | 27.195 | 26,43375 | 27.06375 | 27.32625 | 22.83 | 27,06375 | 26.80125 | 26.04 | 26,3025 | 25.8825 | 25.96125 | 27.01125 | 27.3 | 25.8 | 26.6 |
|--------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|------------|------------|------------|------------|------------|------------|-------------|-----------|----------|----------|------------|------------|----------|------------|-----------|------------|------------|------------|------------|----------|------------|----------|----------|------------|-----------|------------|----------|----------|----------|------------|------------|------------|------------|------------|------------|------------------|------------|------------|---------|-------------------------|--------------------------|
| mmH20 | 1 | 75 | 265.875 | 306,8125 | 268.1875 | 284.8125 | 230.68/5 | 326.5625 | 285.625 | 293.5 | 305.0625 | 309.8125 | 280.0625 | 286,6875 | 316.125 | 318,625 | 252.75 | 275 125 | 306.875 | 312.9375 | 283.3125 | 291.125 | 320,4375 | 324.375 | 287.5 | 3019 505 | 310.75 | 283.0625 | 288.4375 | 300.75 | 322.125 | 258.375 | 294.25 | 305.6875 | 311.3125 | 281.75 | 316.9375 | 322.625 | 282.875 | 295.4375 | 302.8125 | 308.75 | 289.625 | 272.1875 | 320.25 | 253.125 | 298.4375 | 301.6875 | 315 | 281.875 | 291.625 | 321.25 321.25 | 285.9375 | 295 | 326.6 | 252.8 | 296.1 |
| mmH20 | PT-615 | -101.325 | -114.075 | -96.075 | -102.75 | -95.9625 | -90.15 | -84,525 | -105.8625 | -95.8125 | 9.66- | -91.0875 | -100.275 | -90.9375 | -101.1375 | -87.7125 | 102 675 | -106 0125 | -93.45 | -89.8125 | -96.9375 | -92,1375 | -90.8625 | -84.0375 | -107.1 | 2727.80 | -90./3/3 | -105.075 | -96.1875 | -107.475 | -89.325 | -12/.53/5 | 101.0625 | -98.8125 | -95.8875 | -97.0875 | -93.5625 | -87.375 | -106.2 | -100.575 | -102.6 | -93.1125 | -95.2875 | -124.65 | -90.0375 | -114.75 | -102.75 | -93.675 | -92.2875 | -96.825 | -92.175 | -85.725 | -112.0875 | -101.2125 | -84.0 | -127.5 | -98.7 |
| mmH20 | | 1.1 | -53.75 | -37.05 | -44.8 | -35.35 | -30.65 | -27,85 | -41 | -35.3 | -37.4 | -32.85 | -38.5 | -32.8 | -39.35 | -29.6 | 57.85. | -53.5 | -35,35 | -30,9 | -36.8 | -33.55 | -34 | -27.7 | -44.95 | 29.75 | 37.8 | -42.35 | -35.9 | -39.75 | -30.35 | -63.05 | -39.4 | -37.65 | -37.05 | -36.25 | -31.9 | -30.05 | -44.75 | -39.5 | -40.05 | -33.35 | -35.85 | -57,95 | -32.9 | -53.55 | -34.95 | -34.8 | -34.35 | -36.85 | -33.5 | -25.6 | -l | | -25.6 | -63.1 | 1 |
| mmH20 | A | 4 | -32.45 | -21.55 | -24.9 | -20 | -16.85 | -13.85 | -24.4 | -19.85 | -21.8 | -17.35 | -22.05 | -17,25 | -24.05 | -16.15 | 23.7 | -30.85 | -19.55 | -16.2 | -20.7 | -18.05 | -17.45 | -14.1 | -28.25 | 22.3 | -19.05 | -25.95 | -20.9 | -25.5 | -17,45 | -75.45 | -23.55 | -22.5 | -21.95 | -20.6 | -13.3 | -16.45 | -26.45 | -22.75 | -23.6 | -18.3 | -19,65 | -38.1 | -17.3 | -33.2 | -20.4 | -18.25 | -19.1 | -21.2 | -18.2 | -13.85 | -30.25 | -22.8 | -13.9 | -41.7 | -22.3 |
| Degrees C | TE-258 | 10 | 190.7 | 190.7 | 190.7 | 190.7 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 189.6 | 180.6 | 189.6 | 189.6 | 189.6 | 188.6 | 188.6 | 188.6 | 189.7 | 189.7 | 189.7 | 189.7 | 188.6 | 188.6 | 188.6 | 188.6 | 189.7 | 189.7 | 189.7 | 188.6 | 188.6 | 188.6 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 190.7 | 188.6 | 189.5 |
| Degrees C | 1 | 199 | 199 | 199 | 199 | 199 | 198 5 | 198.5 | 198.5 | 198.5 | 198.5 | 198.5 | 198.5 | 198.5 | 198.5 | 198.5 | 108 | 198 | 198.5 | 198 | 198 | 197.5 | 197.5 | 197.5 | 197 | 107 | 197 | 197 | 197 | 197 | 197 | 195.5 | 197 | 197 | 197 | 197 | 197 | 197 | 196.5 | 197 | 197 | 197 | 197 | 197 | 197.5 | 197.5 | 198 | 198 | 198 | 198 | 198 | 198 | 197.5 | 197.5 | 199.0 | 196.5 | 1 |
| Degrees C | 1 | 526.4 | 526 | 526.1 | 526.1 | 525.6 | 526.1 | 525.2 | 525.1 | 524.4 | 524.9 | 524.9 | 525.5 | 525.6 | 524.9 | 524.4 | 524.9 | 524.5 | 524.6 | 523.7 | 522.5 | 522.6 | 523.5 | 523.6 | 523.6 | 523.0 | 573.5 | 524 | 523.7 | 522.5 | 521.9 | 522.9 | 522.4 | 522 | 521.6 | 521.9 | 522.6 | 522.2 | 522.2 | 523.1 | 523.5 | 522.8 | 522.8 | 524.3 | 525.8 | 524.4 | 524.5 | 524 | 523.8 | 523.4 | 523.3 | 522.9 | 522 | 521.4 | 526.4 | 521.4 | 523.8 |
| Degrees C | FE-241 | 1101.1 | 1101,4 | 1100.6 | 1102.5 | 1101,4 | 1101.8 | 1103,6 | 1102.9 | 1101.6 | 1100.6 | 1101.2 | 1101,5 | 1101.4 | 1102.2 | 1102 | 1102 | 1100.4 | 1099 | 1099.3 | 1099.5 | 1099.8 | 1098.9 | 1099.9 | 1099.7 | 1097.6 | 1097.1 | 1097.6 | 1096,5 | 1098 | 1098.1 | 1097.7 | 1097 | 1096.9 | 1098.5 | 1097.3 | 1097.3 | 1098.4 | 1097.8 | 1096.1 | 1096.1 | 1097.5 | 1100.6 | 1102.5 | 1102.5 | 1104.9 | 1101.8 | 1100.7 | 1100.6 | 1100.6 | 1101.5 | 1103.1 | 1103.4 | 1101.7 | 1104.9 | 1096.1 | 1100.2 |
| Degrees C | TE-240 | 1381.063 | 1382.188 | 1381.313 | 1385.313 | 1380.938 | 1381.563 | 1389.188 | 1383.438 | 1380.313 | 1377.813 | 1380.938 | 1381.063 | 1382.563 | 1383.188 | 1386.063 | 1379 188 | 1378.188 | 1375.938 | 1378.563 | 1375.188 | 1378.438 | 1376.313 | 1383,188 | 13/8,188 | 1372 188 | 1373.813 | 1374.063 | 1374.438 | 1375.688 | 1377.563 | 1373.438 | 1372.813 | 1370.063 | 1374.313 | 1371.313 | 1372.813 | 1378.938 | 1375.563 | 1371.938 | 1370.938 | 1373.188 | 1376,313 | 1377.563 | 1377.813 | 1385.313 | 1375,813 | 1373.438 | 1377.813 | 1375.938 | 1380.688 | 1386,313 | 1384.813 | 1378.813 | 1390.1 | 1370.1 | 1378.4 |
| m3/s Ref Dry | T-260-REFDRY | 17.85313 | 18.66863 | 18.23324 | 19.0178 | 17.93353 | 17,81356 | 17.86514 | 18.13158 | 17.99029 | 17.812 | 17,4635 | 18.25246 | 17.90327 | 17.55267 | 17.5/325 | 17 70092 | 17,95306 | 18.04688 | 18.03147 | 18.04437 | 17,82514 | 18.18545 | 17.28997 | 17.88904 | 17 94501 | 17.70191 | 18.21915 | 18,15407 | 18,40819 | 17.68971 | 18.13104 | 17.89696 | 18.84825 | 18.12878 | 18.14216 | 18.11204 | 17.8155 | 18.31149 | 17.97278 | 17.7101 | 18,47421 | 18.04702 | 18.43814 | 18.29421 | 19,02812 | 18,33939 | - | 17.99458 | 18,13619 | 17.80832 | 17.82429 | | 12799 | 19.0 | 17.3 | 18.1 |
| m/s | FT-260-VEL F | 30.80465 | 32.17499 | 31.30244 | 32.66806 | 30.90589 | 30,68631 | 30,85394 | 31.39116 | 31.05841 | 30,69383 | 30.07592 | 31.41703 | 30.83997 | 30.19208 | 30.37607 | 30.110 | 30.88122 | 31.02078 | 30.89921 | 31.05841 | 30.64042 | 31,19547 | 50 667.67 | 30.89308 | 30.76536 | 30.2816 | 31,19096 | 31.09733 | 31.46103 | 30.41107 | 31,38519 | 30,70324 | 32,12914 | 30.79067 | 31.08942 | 30.88098 | 30.51783 | 31.47125 | 31.02271 | 30.29797 | 31.44339 | 30.95799 | 31.54735 | 31.31121 | 32.48107 | 31.47503 | 30.6494 | 30.6617 | 31.13789 | 30.64182 | 30.65176 | 30.8738 | 31.33155 | 32.7 | 29.8 | 31.0 |
| m3/h | PV-209 | 14286.57 | 14438.26 | 14224.78 | | | 14146.12 | 14129.27 | 14331.52 | 14325.9 | 14348.37 | 14236.01 | 14342.75 | 14325.9 | 14455.11 | 11 | 14320.28 | 1 | 14224.78 | 14247.25 | 14207.92 | 14219,16 | 14348.37 | 14236.01 | 14477.59 | 14353.99 | 14224.78 | 14376.46 | 14191.07 | 14427.02 | 14224.78 | 14455.11 | 14455.11 | 14314.66 | 14309,05 | 14202.3 | 14269.72 | 14258.48 | 14466.35 | 14359.61 | 14365.23 | 14235.01 | 14230.39 | 14337.14 | 14236.01 | 144353.99 | 14320.28 | 14331.52 | 14224.78 | 14230.39 | 14348.37 | 14370.84 | 14370.84 | 14264.1 | 14477.6 | 14106.8 | 14313,4 |
| m3/h | PV-236 | 16537.5 | 16637.5 | 16462.5 | 16 | 16337.5 | 16325 | 16193.75 | | | 16456.25 | 16287.5 | 16931.25 | 16268 | 16856,25 | 1606075 | 16681.75 | 16418.75 | 16468.75 | 16481.25 | 16356.25 | 16268.75 | 16325 | 16042 75 | 16497.5 | 16637.5 | 16362.5 | 16912.5 | 16425 | 16943.75 | 162/5 | 16806.25 | 16331.25 | 16487.5 | 16225 | 16363 | 16493,75 | 16118.75 | | 16675 | 16687.5 | 16806.25 | 16431.25 | 16775 | 16362.5 | 16537 5 | 16418.75 | 16500 | 16381.25 | 16425 | 16425 | 16218.75 | 16856.25 | 6 | 16943.8 | 16118.8 | 16489.7 |
| LPM | | 21.9 | | 21.6 | | | 21,825 | 20.775 | 20,925 | 21.8625 | 20.4 | 22.0125 | 21,8625 | 20.8125 | 21.9375 | 27.5/5 | 21.9 | 22.05 | 20,9625 | 22.275 | 22.35 | 20,5125 | 21.5625 | 2/56.17 | 20.8175 | 20.3625 | 20.3625 | 21.1875 | 20.7375 | 20.7 | 20.7 | 21,4125 | 21.225 | 20.5125 | 20.8875 | 27.4125 | 20.55 | 20,8875 | 20.325 | 20.8125 | 21.9 | 21 825 | 21.5625 | 21.375 | | 20.775 | 21.3 | 20.4 | 22.0125 | 20.625 | 20.5125 | | | | 22.5 | | |
| SCFM | FT-313 | 221.475 | 1 1 | 220.35 | 1 | | 219.075 | 218.4 | 219.45 | 220.725 | 224.85 | 223.2 | 221.25 | 220.275 | 213.3 | 200.725 | 202,275 | 204.225 | 204.075 | 211,575 | 211.425 | 214.875 | 220.275 | 210 616 | 210.022 | 221.7 | 217.125 | 220.425 | 220.2 | 219.825 | 220.2 | 222.375 | 221.1 | 221.7 | 220.725 | 224.85 | 225.3 | 224.85 | 225.3 | 224.7 | 225 | 223.575 | 221.625 | 225.225 | 225.15 | 241.65 | 239.85 | 239.925 | 241.875 | 243.225 | 243.15 | 243.825 | 246.75 | 243.975 | 246.8 | | |
| LPM | FT-313B | | | 3.6725 | | 1 | 4 0 | 3.64 | 3.6575 | 3.67875 | 3.7475 | | | 3.67125 | 1 | 3.47075 | | 3,40375 | 3,40125 | 3.52625 | 3.52375 | 3.58125 | 3.6/125 | 3,04/5 | 3,643/3 | 3.695 | 3.61875 | 3.67375 | 3.67 | 3.66375 | 3.64 | 3.70625 | 3,685 | 3.695 | 3.67875 | 3.735 | 3.755 | 3.7475 | 3.755 | 3,745 | 3.75 | 3.72875 | 3.69375 | 3.75375 | 3.7525 | 4.075 | 3.9975 | 3.99875 | 4.03125 | 4.05375 | 4,0525 | 4.06375 | 4,1125 | 4.06625 | 4.1 | 3.4 | 3.7 |
| LPM | PV-207 | | | 164.52 | | | 163.26 | 162.99 | 162.855 | 163.35 | 163.935 | 164,34 | 1 | - 1 | 163.845 | 1 | | | | 163.71 | 163.35 | 164.07 | 162.00 | 167.39 | 164.7 | 164,295 | 163.935 | 163.44 | 164.205 | 162.81 | 162.08 | 1 | 1 1 | - 1. | | 162.705 | 162.54 | 163.035 | 163.17 | 163.62 | 163.035 | 162.675 | 162.63 | 162.765 | 162.72 | 159.075 | 162.45 | 162.81 | 162.72 | 163,305 | 162.27 | 162.63 | 162.315 | 162.135 | 165.1 | 158,4 | 163.1 |
| LPM | FT-223 | | | 174.2175 | | 174.645 | 173 | 173,5988 | 174.645 | 175.0725 | - 1 | | | 173.9812 | | | 174.0712 | | 173,9363 | 176,445 | 174.6 | 174,4988 | 8777 | - | 173 5537 | 173.2725 | 175.2525 | 176,1525 | 171,4725 | 174.3525 | 173.88 | 174.78 | | 171.7987 | 173.2725 | 175 3988 | 173.2163 | 173.9363 | 173.5988 | 172.98 | 175.5 | 174.6 | 175.3088 | 172.98 | 170.9437 | 172.5075 | 173.835 | 174.4088 | 172.845 | 172.8 | 173 9812 | 173.5988 | 172.8 | 173.1712 | 176.4 | | 173.7 |
| LPM | FT-219C | | | | | 10.525 | | | 10,165 | 9,93 | 10.41 | | | | | | 10,675 | | 9.985 | 9.97 | 10,385 | 10.38 | 25.60 | 10.12 | 10.07 | 10.33 | 10,165 | 86.6 | 10.31 | 10.07 | 10.035 | 10.33 | 10,195 | 10.38 | 10.245 | 10.225 | 10.145 | 9.75 | 9.975 | 10.25 | 10.16 | 10.115 | 10.15 | 10.22 | | | 9.61 | 9.935 | 10 | 10,325 | 9.915 | | 10.21 | - 1 | 10.7 | 9.6 | 10.1 |
| NG) | FT-229 | | | | | 32,43 | | | | | | 32,475 | 4 | | 1. | 1 | 32.175 | | | 31.935 | 32.13 | 31.92 | 37.085 | 32.13 | 32 295 | | | | | 31.86 | 32.085 | 32.1 | 32.04 | 31.965 | 31,815 | 32.00 | 31,695 | 31.755 | 31.89 | 32.04 | 31.965 | 31.65 | 31.875 | 31.83 | 32.025 | 31.995 | 31.875 | 32.025 | 31,875 | 32.205 | 32.175 | 32.13 | 32.265 | 31.92 | 32.5 | 31.7 | 32.0 |
| | \$Time | | 21:56:00 | | | 22:00:00 | | | | 22:04:00 | 22:05:00 | 22:06:00 | 22:07:00 | 22:08:00 | | | 22:12:00 | | | 22:15:00 | 22:16:00 | 22:17:00 | 22.18.00 | 22.20.00 | 22.21.00 | 22:22:00 | 22:23:00 | 22:24:00 | 22:25:00 | 22:26:00 | 22.28.00 | 22:29:00 | 22:30:00 | 22:31:00 | 22:32:00 | 22:34:00 | 22:35:00 | 22:36:00 | 22:37:00 | 22:38:00 | 22:39:00 | 22:41:00 | 22:42:00 | 22:43:00 | 22:44:00 | 22:46:00 | 22:47:00 | 22:48:00 | 22:49:00 | 22:50:00 | 22:51:00 | 22:53:00 | 22:54:00 | 22:55:00 | | ersienskinskinskenskens | and in the second second |
| | \$Date | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-02-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 57-90-0707 | 2020-0202 | 2020-0202 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-020-23 | 2020-0202 | - | 23 | | 2020-06-23 | | 2020-06-23 | 2020-0202 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | | 2020-06-23 | | | 2020-06-23 | 2020-0202 | 2020-06-23 | - | | 1 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | 2020-06-23 | Max | Min | Average |

| | | СО | HCI | CO2 | H20 | THC | Main O2 | Opacity | SO2 |
|--|----------------------|--------------|----------------|--------------|----------------|------------|--------------|-------------|----------------|
| | | PPM | PPM | % | % | PPM | % | % | PPM |
| \$Date | \$Time | AT-205-1NEV | AT-213A-1NEW | | AT-213CB | | AT-261A-1NEW | AT-263 | AT-264-1 |
| 2020-06-23 | 21:55:00 | 67.57 | 57.11 | 9.69 | 50.62 | 8.4 | 9.63 | 0.36 | 672. |
| 2020-06-23 | 21:56:00 | 61.62 | 56.09 | 9.59 | 50.37 | 10.4 | 9.63 | 0.42 | 658. |
| 2020-06-23 | 21:57:00 | 50.5 | 56.09 | 9.51 | 50.23 | 9.3 | 9.88 | 0.48 | 646. |
| 2020-06-23 | | 51.16 | 56.09 | 9.52 | 50.28 | 9.7 | 9.88 | 0.55 | 648. |
| 2020-06-23 | } | | 56.09 | 9.61 | 50.42 | 8.3 | 9.88 | 0.46 | 657. |
| 2020-06-23 | 22:00:00 | | 56.09 | 9.52 | | 9.4 | 9.88 | 0.52 | 650 |
| 2020-06-23 | 22:01:00 | | 56.09 | 9.53 | 50.41 | 8.9 | 9.88 | 0.07 | 652. |
| 2020-06-23 | | | 56.09 | 9.63 | | 12 | 9.88 | 0.02 | 661. |
| 2020-06-23 | | | 57.29 | 9.67 | 50.69 | 8.4 | 9.88 | 0.28 | 671. |
| 2020-06-23 | | | 57.29 | 9.29 | <u> </u> | 8.2 | 9.88 | 0.4 | 666. |
| 2020-06-23 | | | 57.29 | 9.23 | 50.48 | | 9.88 | 0.52 | 653. |
| 2020-06-23 | | | 57.29 | 9.51 | | 10.5 | 9.88 | 0.55 | 648.0 |
| 2020-06-23 | | | 57.29 | 9.54 | } | 10.6 | 9.88 | 0.45 | 652. |
| 2020-06-23 2020-06-23 | | f | 57.29 | 9.58 | | 9.8 | 9.88 | 0.5 | 657.4 |
| 2020-06-23 | 22:09:00 | | 57.29 | 9.58 | 50.4 | 9.6 | 9.88 | 0.35 | 650 |
| 2020-06-23 | 22:10:00 22:11:00 | | 57.29 | 9.65 | 50.68 | | 9.88 | 0.07 | 660.9 |
| 2020-06-23 | 22:11:00 | | 57.29 | 9.67 | 50.75 | 10.8 | 9.88 | 0.23 | 665. |
| 2020-06-23 | 22:12:00 | 46.12 | 57.29 57.29 | 9.66 9.56 | 50.61 50.38 | 7.9 8.9 | 9.68 | 0.36 | 666.2 |
| 2020-06-23 | 22:13:00 | 41.2 | 57.29 | 9.18 | 50.38 | 8.9 | 9.68 | 0.42 | 653.3 |
| 2020-06-23 | 22:15:00 | 42.36 | 57.29 | 9.15 | 50.16 | 10.3 | 9.92 | 0.42 | 641.9 |
| 2020-06-23 | 22:16:00 | | 57.29 | 9.52 | 50.38 | 8.1 | 9.92 9.92 | 0.57 0.5 | 639.2 648.3 |
| 2020-06-23 | 22:17:00 | | 57.29 | 9.16 | 50.4 | 9.2 | 9.92 | 0.48 | 646.3 |
| 2020-06-23 | 22:18:00 | | 57.29 | 9.17 | 50.33 | 8.5 | 9.92 | 0.48 | 646.3 |
| 2020-06-23 | 22:19:00 | 45.09 | 57.29 | 9.58 | 50.45 | 11.2 | 9.92 | 0.05 | 653.8 |
| 2020-06-23 | 22:20:00 | 49.63 | 58.42 | 9.65 | 50.64 | 9.2 | 9.92 | 0.03 | 663.7 |
| 2020-06-23 | 22:21:00 | 53.78 | 58.42 | 9.34 | 50.63 | 9.2 | 9.92 | 0.45 | 662.3 |
| 2020-06-23 | 22:22:00 | 44.4 | 57.04 | 9.2 | 50.29 | 8.4 | 9.92 | 0.48 | 646 |
| 2020-06-23 | 22:23:00 | 43.5 | 57.04 | 9.19 | 50.16 | 9.3 | 9.92 | 0.52 | 641.5 |
| 2020-06-23 | 22:24:00 | 45.41 | 57.04 | 9.21 | 50.22 | 9.2 | 9.92 | 0.48 | 643 |
| 2020-06-23 | 22:25:00 | 46.9 | 57.04 | 9.51 | 50.27 | 9.5 | 9.92 | 0.46 | 648 |
| 2020-06-23 | 22:26:00 | 46.4 | 57.04 | 9.44 | 50.2 | 9.9 | 9.92 | 0.45 | 644.3 |
| 2020-06-23 | 22:27:00 | 48.1 | 57.04 | 9.53 | 50.47 | 10.2 | 9.92 | 0.07 | 651.9 |
| 2020-06-23 | 22:28:00 | 50.17 | 58.05 | 9.63 | 50.7 | 11.8 | 9.92 | 0.17 | 661.2 |
| 2020-06-23 | 22:29:00 | 56 | 58.05 | 9.65 | 50.66 | 7.7 | 9.92 | 0.33 | 668.2 |
| 2020-06-23 | 22:30:00 | 50.74 | 56.56 | 9.24 | 50.34 | 9 | 9.92 | 0.48 | 653 |
| 2020-06-23 | 22:31:00 | 42.07 | 55.45 | 9.11 | 49.94 | 8 | 9.92 | 0.48 | 633.8 |
| 2020-06-23 | 22:32:00 | 43.85 | 55.45 | 9.14 | 50.02 | 9.6 | 9.92 | 0.52 | 635.4 |
| 2020-06-23 | 22:33:00 | | 56.58 | 9.2 | 50.29 | | 10.13 | 0.46 | 645.6 |
| 2020-06-23 | 22:34:00 | | 56.58 | 9.17 | 50.17 | 10.1 | 10.13 | 0.56 | 641.5 |
| 2020-06-23 | 22:35:00 | | 56.58 | 9.17 | 50.07 | 8 | 10.13 | 0.02 | 642.6 |
| 2020-06-23 | 22:36:00 | | 56.58 | 9.52 | 50.26 | 9.6 | 10.13 | 0.01 | 648.7 |
| 2020-06-23 | 22:37:00 | | 56.58 | 9.56 | 50.41 | 9.9 | 10.13 | 0.3 | 653.3 |
| 2020-06-23 | 22:38:00 | | 56.58 | 9.29 | 50.46 | 8.7 | 9.91 | 0.36 | 656.6 |
| 2020-06-23 2020-06-23 | 22:39:00 22:40:00 | | 56.58 | 9.2 | 50.12 | 8.3 | 9.91 | 0.46 | 643.3 |
| 2020-06-23 | 22:40:00 | 42.9 | 56.58 56.58 | 9.46 | 49.95 | 8.4 | 9.91 | 0.52 | 637.5 |
| 2020-06-23 | 22:41:00 | | 56.58 56.58 | 9.5 9.55 | 50.13 | 9 | 9.91 | 0.45 | 637.1 |
| 2020-06-23 | 22:42:00 | 38.24 | 56.58 | 9.55 | 50.33 50.18 | 8.6 9 | 9.91 | 0.45 | 645.5 |
| 2020-06-23 | 22:44:00 | 38.04 | 56.58 | 9.54 | 50.18 | 9 | 9.91 9.91 | 0.45 | 644.5 |
| 2020-06-23 | 22:45:00 | 37.18 | 56.58 | 9.57 | 50.25 | 10.9 | 9.91 | 0.08 | 647.9 647.9 |
| 2020-06-23 | 22:46:00 | 42.05 | 56.58 | 9.67 | 50.53 | 7.7 | 9.91 | 0.13 | 662.8 |
| 2020-06-23 | 22:47:00 | 40.1 | 56.58 | 9.58 | 50.29 | 9.3 | 9.91 | 0.33 | 652.5 |
| 2020-06-23 | 22:48:00 | 37.42 | 56.58 | 9.44 | 49.92 | 8.2 | 9.91 | 0.42 | 638.5 |
| 2020-06-23 | 22:49:00 | 38.19 | 56.58 | 9.43 | 49.92 | 12.8 | 9.91 | 0.48 | 636.4 |
| 2020-06-23 | 22:50:00 | 48.56 | 58.16 | 9.55 | 50.33 | 8.7 | 9.91 | 0.46 | 646.8 |
| 2020-06-23 | 22:51:00 | 50.94 | 58.16 | 9.55 | 50.42 | 11.7 | 9.91 | 0.45 | 650.9 |
| 2020-06-23 | 22:52:00 | 49.49 | 58.16 | 9.55 | 50.36 | 8.7 | 9.91 | 0.02 | 652.9 |
| 2020-06-23 | 22:53:00 | 48.35 | 58.16 | 9.64 | 50.41 | 12.7 | 9.91 | 0.08 | 656.4 |
| 2020-06-23 | 22:54:00 | 51.48 | 58.16 | 9.69 | 50.6 | 14.6 | 9.91 | 0.23 | 663.4 |
| 2020-06-23 | 22:55:00 | 66.46 | 58.16 | 9.7 | 50.67 | 9.3 | 9.65 | 0.32 | 668 |
| | | | | | | | | | |
| Max | | 67.6 | 58.4 | 9.7 | 50.8 | 14.6 | 10.1 | 0.6 | 672.5 |
| Min | | 37.2 | 55.5 | 9.1 | 49.9 | 7.7 | 9.6 | 0.0 | 633.8 |
| Average | | 47.2 | 57.0 | 9.5 | 50.4 | 9.5 | 9.90 | 0.4 | 651.6 |
| MICHEROLINA CHARLES TO THE PARTY OF THE PART | | | 0.492610383 | | | | | | |