

Report:

Mercury Emission Testing at the Clean Harbors Sarnia Facility (June 2017)

Date: July 20, 2017





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Submitted to: Erica Carabott

Facility Compliance Manager Clean Harbors Canada Inc.

4090 Telfer Road, Corunna, Ontario NON 1G0

Tel: (519) 864-3890 Cell: (519) 328-3394

E-mail: <u>carabott.erica@cleanharbors.com</u>

Prepared by: Tina Sanderson, B.Sc.

Senior Specialist, Emission Testing

ORTECH Consulting Inc.

804 Southdown Rd., Mississauga, Ontario L5J 2Y4

Tel: (905) 822-4120, Ext. 522 Email: <u>tsanderson@ortech.ca</u>

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1	July 20, 2017	None

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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 29, 2017. 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 2600 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 is provided below:

Mercury Parameter	Average
Dry Reference Concentration (μg/Rm³)*	12.5
Dry Adjusted Concentration (μg/Rm ³)**	10.0

- * 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 23.9 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 29, 2017. The spike tubes from each test pair were spiked with increasing amounts of mercury, ranging from 100 ng to 2600 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 two probes in parallel so that the mercury traps were only 1 to 2 inches apart. Each probe was heated to approximately 135°C to prevent condensation of the stack gas on the sampling media. Each mercury trap was also specially designed for sampling at wet sources. Each tube had an extended section of glass to allow for the heating of the stack gas before it came 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 sixty minutes in duration at an approximate sampling rate of approximately one liter per minute.

At approximately five minute time increments 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 2600 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 2017. The pre-spiked mercury traps for Test No. 3 (500 ng) and Test No. 4 (800 ng) were used for spike recovery determination as the concentrations best fit the requirements of the QA/QC criteria (within ±50% of the expected concentration). The concentration in the Test No. 3 spiked tube (500 ng) was 70% of the average mercury collected for Test No. 2, Test No. 3 and Test No. 4 (717 ng). The concentration in the Test No. 4 spiked tube (800 ng) was 112% of the average mercury collected for the three tests (717 ng).

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. 3 and Test No. 4 fell within the spike range criterion stated in the test method. The spike recovery for Test No. 3 was 94.2% and the spike recovery for Test No. 4 was 98.3%. 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 6.78 µg/Rm³ (Tube Pair No. 5, not reported) to a high of 10.9 µg/Rm³ for the six tests performed. The paired trap agreement was 0.4% for Test No. 2, 1.8% for Test No. 3, and 0.9% for Test No. 4.

6. RESULTS

Six mercury runs were collected during one day of sampling on June 29, 2017. 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 2600 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. 2, Test No. 3 and Test No. 4 are reported.

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

Mercury emission sample analyses for Test No. 2, Test No. 3 and Test No. 4 are provided in Table 3. Mercury was detected in Section 1 of each trap in quantities greater than the method detection limit (0.46 ng) in all of the traps. Mercury was also collected in Section 2 in one of the six traps in quantities greater than or equal to the method detection limit. However, the amount detected in Section 2 was less than 0.05% of the mercury collected in Section 1, indicating that there was no breakthrough or potential loss of mercury. US EPA Method 30B states that \leq 10% of the total mercury collected should be collected in Section 2 for mercury concentrations greater than 1 µg/Rm³ or \leq 20% of the total mercury collected should be collected in Section 2 for mercury concentrations less than 1 µg/Rm³.

Included in Table 2 are the mercury concentration calculations for Test No. 2, Test No. 3 and Test No. 4. 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 2600 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 traps for Test No. 3 (500 ng) and Test No. 4 (800 ng) were used for spike recovery determination as the concentrations best fit the requirements of the QA/QC criteria (within ±50% of the expected concentration).



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 0.4% for Test No. 2, 1.8% for Test No. 3, and 0.9% for Test No. 4. The mercury emission data from the total vapour phase mercury tests is provided below:

Mercury Parameter	Test 2	Test 3	Test 4	Average
Dry Reference Conc. (μg/Rm³)*	11.5	13.6	12.4	12.5
Dry Adjusted Conc. (μg/Rm³)**	9.35	10.9	9.83	10.0

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

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 for Test No. 3 and Test No. 4 are shown in Table 3; the spike recovery for Test No. 3 was 94.2% and the spike recovery for Test No. 4 was 98.3%. US EPA Method 30B requires the spike recovery to be between 85% and 115%.

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 (CO, HCl, CO₂, H₂O, THC, O₂, SO₂)
- stack gas opacity
- carbon injection rate

During the emission testing program, the average powdered activated carbon (PAC) injection rate was 23.9 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 29, 2017	9:31	10:31	60
2	June 29, 2017	10:46	11:46	60
3	June 29, 2017	12:02	13:02	60
4	June 29, 2017	13:15	14:15	60
5	June 29, 2017	14:27	15:27	60
6	June 29, 2017	15:37	16:37	60

Note: All test times match plant time (i.e. daylight savings time).



Table 2: Mercury Emission Data

Test/Run	Tube	N	Nercury Collected	i	Dry Gas	Mercury Co	ncentration	Paired
No.	ID	Section 1	Section 2	Total	Volume	Dry	Dry	Trap
					Sampled	Reference	Adjusted	Agreement
		ng	ng	ng	Rm ³ *	μg/Rm³*	μg/Rm³**	%
2	A ***	677.1	<0.46	677	0.0589	11.5	9.31	-
	В	618.2	<0.46	618	0.0534	11.6	9.39	-
	Average					11.5	9.35	0.4
3	Α	801.0	<0.46	801	0.0578	13.9	11.1	-
	B***	806	0.6	807	0.0603	13.4	10.7	-
	Average					13.6	10.9	1.8
4	A***	702	<0.46	702	0.0572	12.3	9.74	-
	В	699.4	<0.46	699	0.0560	12.5	9.92	-
	Average					12.4	9.83	0.9
Average				717		12.5	10.0	

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

Table 3: Mercury Spike Tube Recovery

Test No.	Total Collected	Spike Tube Volume Sampled	Mercury Concentration	Total Collected	Unspike Tube Volume Sampled	Mercury Concentration	Spike Concentration	Spike Recovery
	ng	Rm ³ *	ng/Rm³*	ng	Rm ³ *	ng/Rm³*	ng/Rm³*	%
2	927	0.0589	15729	618.2	0.0534	11576	4153	N/A
3	1307	0.0603	21673	801.0	0.0578	13864	7809	94.2
4	1502	0.0572	26245	699.4	0.0560	12497	13748	98.3
Average								96.3

Note: The spike tubes were spiked with mercury by the analytical laboratory prior to sampling. The original spike concentrations were 250 ng for Test No. 2, 500 ng for Test No. 3, and 800 ng for Test No. 4.

^{*} 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 (250 ng for Test No. 2, 500 ng for Test No. 3, and 800 ng for Test No. 4).

[&]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
	-	(1)	3	(1)	(in Hg)	del H (in H ₂ O)	(0,)	*(1)	(Rm³)*
T1A OL387169 Spiked	966.0	50.20	115.49	65.29	29.2	1.5	24.1	63.84	0.0638
T1B 0L411821	0.983	19.52	75.08	55.56	29.2	2.0	26.5	53.25	0.0533
T2A OLC038307 Spiked	966.0	21.34	82.00	99.09	29.5	1.5	25.9	58.94	0.0589
T2B OL411814	0.983	79.04	134.90	55.86	29.2	2.0	27.2	53.40	0.0534
T2 A 01 411010	9000	00.00	00 777	08 01	707	, ,	77.5	57.78	0.0578
T3B OL426799 Spiked	0.983	37.60	101.10	63.50	29.2	2.0	29.2	60.29	0.0603
			:		1	!	(((1 (
T4A OL331391 Spiked	966.0	47.72	107.90	60.18	29.5	1.5	32.2	57.23	0.0572
T4B OL411752	0.983	3.08	63.10	60.02	29.2	2.0	34.6	55.97	0.0560
	0	, ,			C	L	0	02.03	70900
15A UL411/83	0.320	10.70	74.75	04.03	2.62	 	у. С. П.	65.00	0.000
158 OL336493 Spiked	0.983	55.50	119.03	53.45	7.67	0.7	55.5	49.09	0.040
TAB OL331404 Spiked	966.0	84.25	144.39	60.14	29.2	1.5	35.0	56.68	0.0567
T6B OL411922	0.983	26.20	86.40	60.20	29.5	2.0	35.9	55.90	0.0559

* dry at 25°C and 1 atmosphere

ORTECH Environmental Mercury Tube Data Sheet

e distribution		INICICUITY IUL	e Data Sheet		
lant:	Clean Harbors		r I	Test location:	Stack Breeching
ant Location:	Corunna, On			Date:	June 29, 2017
est No.:				Project No.:	21783
0	06411821			Measuring Device	Mil
rain 🔏 📗	<u> </u>	<u>vizas</u>	mong.	Control Module	COE 200 19
ube Identification:	<u>office</u>	Spiked (Yes (No)		Barometer	ENV. CAN
oike Concentration	<u>Joo'n</u>	g		Barometric Pressure	
	601		200	Darometric Fressure	34.17
Clock	Dry Gas		Temperature	Meter	Pump
Time	Meter	Outlet	Inlet	Pressure	Vacuum
	L	ANG-	°c	ΔH H ₂ U	"Hg Gauge
0	50.70	72	1	1.5	7
5	1 3 3	73			
10	120.9	73		172	L d
15	16.6	1 33		1 2	T G
20	1 47 J	1 20		1 1/3	2
25	1 77 9	70		1 1.5	2
30	425	701			1 2
35	一	1		1 12	
40	TOUZ	十一分 字		1 /3	- - 2
45	Tálc'1	ガネ		十 // -	
50	17hd 200	ーライー		Tić T	- d
55	1716.7	1 12		 /; 	The state of
60	THÉ Ù C	 		1 / / Z	
					
tart Time: (93[Initial Leak Check 2	· · · · · · · · · · · · · · · · · · ·	DGMCF:	0,996
inish Time: 💹	031	Final Leak Check	Lpm@ "Hg	Sample Volume:	<u>6225</u>
				Average DGM Temp: Average DGM Δ H:	<u>24,(</u>
					Sec. 20
rain B	0L357169				
ube Identification:	المراجة المراجة	Spiked /Yes (No.)	7	Measuring Device	Mil
pike Concentration	<i>1990</i> n	g 🤍		Control Module	1017
Clock	Dry Gas	Meter	Temperature	Meter	Pump
Time	Meter	Outlet	Inlet	Pressure	Vacuum
		AVG-		ΔH	"Hg
		°c	°c	H ₂ U	Gauge
0	ाव दन	すーラマー	 	Z.0	-
5	1 347	 		7,0	
10	T \$ 3 15	1 52	 	 3. 6	 - ₹
15	1 21 g			7:0	
20	+3/:7-	1-3/5		Take Take	
25	134.A	+		1-39	
30	+ 31:7:-	 		1 2 0	H - &
35		 	 	1 2.0	
40	十岁 — — — —	 			
40 45		+		7.0	
	+840-	+		1-2-	- 5
50		 		2.0	<u> </u>
55 60		1 40		1 2.0	***
60	<u> </u>			1	<u> </u>
art Time:	031	Initial Leak Check	7.0(Lpm@)	DGMCF:	n वदव
nish Time:	的名	Final Leak Check	Lpm@ "Hg	Sample Volume:	一当当人
				Average DGM Temp:	26.5
perator:			print : 10 - 프랑스 To (프랑스) - 1	Average DGM Δ H:	

QRTECH Environmental Mercury Tube Data Sheet

Plant:	Clean Harbors	
Plant Location:	Corunna, On	
Test No.:	7_	

Test location:	Stack Breeching	
Date:	June 29, 2017	
Project No.:	21783	

Train A			
Tube Identification:	04C036307	Spiked	Kes No
Spike Concentration	750 ng		

Measuring Device	MII
Control Module	COE 20018
Barometer	FAU-CANI

Barometric Pressure	
i Dai Oillettit Pressure	Comment of market
	- 3 4 4 4 · ·

Clock	Dry Gas	Meter Te	mperature	Meter	Pump
Time	Meter L	Outlet All- °C	Inlet °C	Pressure Δ H H ₂ U	Vacuum "Hg Gauge
0	21.34	25	1	1.5	4
5	126.6	26		1.5	Taxon 1
10	31.5	26		1.5	7
15	76.5	26		15	1
20	41.6	7.6			1
25	46.6	U		1.3	(mar)
30	151.7	76		1.5	7
35	56.8	76		1.5	
40	41.3	u		1.5	
45	166-8	76.		is is	7
50	71. 9	26		1.5	^
55	76.9	76			j
60	82.00	OL"			á

Start Time: 10 U(0	Initial Leak Check (Lpm@ /5"Hg	DGMCF: 0.99(
Finish Time:	Final Leak Check Lpm@ "Hg	Sample Volume: 60.60
		Average DGM Temp: 26.0
		Average DGM Δ H:

Train B						1_
Tube Ide	entification:	0UI	111914		Spiked Yes	(No)
Spike Co	ncentration	1	Company.	ng		Motor

<u> </u>	 5	1 14 14	44.1
Measuring Device		MII	
Control Module		1011	1

Clock Dry Gas		Meter Temperature		Meter	Pump	
Time	Meter L	Outlet- AVC- °C	Inlet °C	Pressure ΔH "H ₂ O	Vacuum "Hg Gauge	
0	79.04	74		7.0	2/	
5	<u> 55.7 ' </u>	25		2.0	λ,	
10	484	26		70		
15	0,3.1	27		20		
20	97.7	29		7.0		
25	1023	28		1.0		
30	706.9	29		2.0	4	
35	111.7	25	ani arabiti dikaca awini	2.0	4	
40	116.5	26		1.0	Contract	
45	120.1	2 <i>9</i> 6 ·		1.0	0.00	
50	125.6	2%		20	i	
55	130.3	25		20	7	
60	134.90	25		70	A	

Start Time:	1046	Initial Leak Check / 6 Lpm@	15"Hg	DGMCF: MGG	3
Finish Time:	'ILUL	Final Leak Check Lpm@	"Hg	Sample Volume: 55,4	6
				Average DGM Temp: 7 1.	2
Operator:				Average DGM Δ H:	1

ORTECH Environmental Mercury Tube Data Sheet

Plant:	Clean Harbors
Plant Location:	Corunna, On
Test No.:	3

Test location: Stack Breechin	g
Date: June 29, 2017	
Project No.: 21783	

1	Train A OL411818		≫5h		
	Tube Identification: 01-05-95307	Spiked	(Ves)	(No	Tree!
	Spike Concentration 754 ng				-

Measuring Device	MII
Control Module	COE 200190
Barometer	ENV. CAN

Barometric Pressure	

Clock	Dry Gas	Meter Te	emperature	Meter	Pump
Time	Meter L	Outlet °C	Inlet °C,	Pressure Δ H H ₂ O	Vacuum "Hg Gauge
0	<u>94.2</u>	25			2
5	39.1	26		15	Lanfo
10	GU, Λ	27		15	
15	90 1	75			4
20	100 2	25		13	- G
25	709 (25			z
30	114.7	74		1.5	
35	11901	753		1.5	72
40	1047	297		15	3
45	179:2	Z\$			
50	194.3	25		1 15	4
55	13911	25%			- Sand
60	744.60	74		17/5	

		电影性性电影中间 医乳腺性 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
Start Time: 1202	Initial Leak Check 👝 Lpm@ バタ"Hg	DGMCF: 0996
Finish Time: 1302	Final Leak Check < (U(Lpm@) 6"Hg	Sample Volume: 593
		Average DGM Temp: 275
		Average DGM Δ H: / 5

Train B

Tube Identification: O-411315 | Spiked | Yes | No |
Spike Concentration 250 ng

		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Measuring Device	MII
H	Control Module	

Clock	Dry Gas	Meter Tei	mperature	Meter	Pump
Time	Meter L	-Qutter, AVC- °C	Inlet °C	Pressure Δ H H ₂ U	Vacuum "Hg Gauge
0	37.4	29		7,0	2
5	42,9	25		2.0	¥
10	199.2	26		20	
15	53.5	7.7		7.0	
20	59.9	79		7.0	
25	CH. 1	7.S	alaying pala	2.0	-
30	49.U	20		20	-1
35	ゴ リ, う	ŹI		23	
40	74.9	32		2.0	4
45	453	27		5.0	
50	90.6	32	Signature (Signature)	-50	4
55	459	37_		ラカノ	
60	101.11	22		5.7	

Start Time:	1200	Initial Leak Check 💪 🕠 Lpm@ 15 "Hg	DGMCF: 0,000
Finish Time:	1307	Final Leak Check 🔀 🖟 Lpm@ 🦒 "Hg	
			Average DGM Temp: 2132
Operator:			Average DGM Δ H:

ORTECH Environmental Mercury Tube Data Sheet

Plant: Clean Harbors	
Plant Location:	Corunna, On
Test No.:	Ч

Test location:	Stack Breeching		
Date:	June 29, 2017		
Project No.:	21783		

Measuring Device	MII
Control Module	CUG 700 CM
Barometer	BUN. CAN

Barometric Pressure 39.15

Train A salada a a salada a salada da salada a		
Tube Identification: 0L331391	Spiked	Yes No
Spike Concentration	ng	

Clock	Dry Gas	Meter Tem	nerature	Meter	Pump
Time	Meter L	Outlet AJG- °C	Inlet °C	Pressure ∆ H	Vacuum "Hg Gauge
0	47.72	29		1.5	U
5	52.6	30		1,5	K)
10	57.6	3		1.5	4
15	L2.7	32	elejinekkokka nilasin, ju	1.5	4
20	189.5	33		1-5	Ž,
25	19015	33		1.5	4
30	1 -50 72	33		1.5	茶
35	160.7	23		1.5	d
40	160 4	33		1.5	4,
45	169.4	23		1.5	4
50	chia	33		1.5	本
55	1/029	33		15	4
60	1707.90	-72		オールケー	中文

Start Time: 12	ıs	Initial Leak Check/ Lpm@ /5"Hg	DGMCF: 0.996
Finish Time: 14	15	Final Leak Check Lpm@ /"Hg	Sample Volume: 132,2
			Average DGM Temp: 🛴 💪 1%
			Average DGM Δ H: / 5
흥리는 꽃을 보고 하는 그 모든 그리고 있었다.		하는 그들은 살아를 만큼 화를 하는 바람들이 되었다. 그 나는 그 나는 사람들이 되었다.	

Train B						
Tube Identification:	O	164	11	757	Spiked Y	es/ No)
Snike Concentration			Santanananan Santananan Santananan Santanan Santanan Santanan Santanan Santanan Santanan Santanan Santanan San	ne		

n	Measuring Device	MII
C	Control Module	1011

Clock	Dry Gas	Meter Temperature		Meter	Pump
Time	Meter L	Outlet °C	Inlet °C	Pressure Δ H "H ₂ U	Vacuum "Hg Gauge
0	3,0%	79		7.0	2
5	分二	ラ 0		20	ーリ
10	13.2	37		2,0	5/3
15	136.7	34		2.0	6
20	すること	₹6		7.0	—
25	74.3	36.		2,0	
30	27.3	36		2.0	
35	74. Ú	36		2.0	<u> </u>
40	47.0	36		7,0	50 N
45	UA . 3	30.		2.0	5
50	52.7	36.		2.0	d
55	551	36		2-10	5
60	T はく 10	26		7.0	

The state of the s				
Start Time:	/3/5	Initial Leak Check / A Lpm@ /5"Hg	DGMCF;	0,983
Finish Time:	1415	Final Leak Check Lpm@ / ["Hg	Sample Volume:	40.02
			Average DGM Temp:	34.5
Operator:	$O_{\mathcal{A}}$	ロ /	Average DGM Δ H:	1.0

ORTECH Environmental Mercury Tube Data Sheet

Plant:	Clean Harbors
Plant Location:	Corunna, On
Test No.:	5

Test location:	Stack Breeching
Date:	June 29, 2017
Project No.:	21783

Train A					10	
Tube Identification:	06411763		Spiked	Yes	No	1
Spike Concentration	and consideration and the second	ng			-	

Measuring Device	MII
Control Module	WE 2019
Barometer	ENV.CANT

Barometric Pressure 99.15

Clock	Dry Gas	Meter Te	mperature	Meter	Pump Vacuum "Hg Gauge
Time	Meter L	Outlet AUC °C	Inlet °C	Pressure Δ H H ₂ O	
0	10.70	33	4	1.5	2,
5	16.0	-25	NA PARAMETER AND	1.5	6
10	21.3	35		1/5	7
15	266	35	Andrew Andrews	1.50	7
20	3(.9	35			4
25	37.2	25		1.3	7
30	42.5	35		7.5	~~~~
35	47.9	35		1.5	d
40	3.1	35		15	
45	र्डिश्व ।	35		7.5	5)
50	7657	-35		15	1
55	ISI D	35			
60	74,95	マミ		1,4	7)

Start Time: 1427 Initial Leak Check ZU Lpm@ 14"Hg DGMCF: 0966
Finish Time: 1520 Final Leak Check ZU Lpm@ 16"Hg Sample Volume: 44.05
Average DGM Temp: 35.0
Average DGM A H:

Train B

Tube Identification: 01 336463 | Spiked | Yes No |
Spike Concentration | 1400 | ng |

Measuring Device	Mili
Control Module	1011

Clock	Dry Gas	Meter Te	mperature	Meter Pressure Δ H "H ₂ U	Pump
Time	Meter L	AUG C	Inlet °C		Vacuum "Hg Gauge
0	165.56	33		7.0	U
5	-10.00K	34		2,0	7
10	174.59	35		2.0	4
15	79.0%	36		2.0	4
20	985-59	36		2.0	- G
25	69.00	36		2,0	3
30	92.58	36		2.0	4
35	97.05	36		2.0	4
40	101:33	30		2.0	- 4
45	1100.05	36		2.0	- Z
50	1/10-59	20		Z.O	Á
55	11500	36		2.0	存
60	1119.03	30		7.0	K

Start Time:	IUD	Initial Leak Check	// Lpm@ // "Hg	DGMCF:	0.943
Finish Time:	152九	Final Leak Check	Lpm@ "Hg	Sample Volume:	
				Average DGM Temp:	
Operator:				Average DGM Δ H:	**************************************

	ot 11 1			I	
lant:	Clean Harbors			Test location:	Stack Breeching
lant Location:	Corunna, On			Date:	June 29, 2017
est No.:	$-\omega$			Project No.:	21783
				Measuring Device	MII
rain A	#N # # # # # # # # # # # # # # # # # #			Control Module	COG 20019
ube Identification: pike Concentration		Spiked (Yes No		Barometer	IENV.CAN
pike concentration	n 7 <i>66</i> 0 ng			Barometric Pressure	09.IS:
Clock	Dry Gas	Meter	Temperature	Meter	Pump
Time	Meter	-Qutlet	Inlet	Pressure	Vacuum
		AVG		ΔН	"Hg
		°C .	°C	"H₂U	Gauge
0	8425	35		1.5	3
5	59-5	35		15	16
10	902	35			
15	44 4	72	34 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 -	1 7 4	3
20	104 6	- 32 -		1 4.5	
25	166 2			+	
30		353		1. 2	
			- -	+-45-	1 2
35	1111-6			 /-5	1 2
40	124-10	55)		1	2
45	109-10			1-5	1 2
50	134-4			1.5	7
55	135.6	35		15	1
60	1144.30	35		1,7	
				Texas territoria del Companyo	
of the feathful that for a fight of the first					
****	7537	Initial Leak Check		DGMCF:	0.496
	1537		Lui Lpm@ 10"Hg Cu Lpm@ 17"Hg	Sample Volume:	00.19
tart Time: inish Time:				Sample Volume: Average DGM Temp	00.19
****				Sample Volume:	00.19
**************************************				Sample Volume: Average DGM Temp	00.19
inish Time:				Sample Volume: Average DGM Temp	00.19
inish Time: rain B	1631	Final Leak Check		Sample Volume: Average DGM Temp Average DGM Δ H:	19:19 1:5
inish Time: rain B ube Identification	1637 : OLUM922			Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device	. 35 . 35
inish Time: rain B ube Identification	1637 : OLUM922	Final Leak Check		Sample Volume: Average DGM Temp Average DGM Δ H:	19:19 1:5
inish Time: rain B ube Identification	1637 : OLUM922	Final Leak Check Spiked Yes No		Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device	. 35 . 35
inish Time: rain B ube Identification pike Concentration	1637 : OLUM922 n ng	Spiked Yes No Meter	<u>∠o</u> Lpm@ [~] "Hg	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module	(0.14 : 35 /.5 MII (0/15)
inish Time: rain B ube Identification pike Concentration	: 0L 41192L n ng	Spiked Yes No Meter Outlet AUC	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure	MII (O ()) Pump Vacuum
nish Time: rain B ube Identification pike Concentration	: 0L 41192L n ng	Final Leak Check Spiked Yes No Meter	了"Hg (一)""Hg (-)""Hg	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter	MII (0/15) Pump
nish Time: rain B ube Identification pike Concentration Clock	0L U11922 n ng Dry Gas Meter L	Spiked Yes No Meter Outlet AUC	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ O	MII (O(1) Pump Vacuum "Hg
nish Time: rain B ube Identification pike Concentration Clock Time	OL UII922 n	Spiked Yes No Meter Outlet AUC	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ U 2	MII OIL Pump Vacuum "Hg Gauge
nish Time: rain B ube Identification oike Concentration Clock Time 0	OL UII922 n	Spiked Yes No Meter Outlet AVC "C	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H H ₂ U	MII OIL Pump Vacuum "Hg Gauge
nish Time: rain B ube Identification: pike Concentration Clock Time 0 5 10	OL UII922 n	Spiked Yes No Meter Outlet AVC 'C 25 36	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H H ₂ U 2 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C	Pump Vacuum "Hg Gauge
rain B ube Identification oike Concentration Time 0 5 10 15	OL UII922 n	Spiked Yes No Meter Quitet AUC °C 25 31 31 31 31 31 31 31 31 31 3	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ U 2 C 2 C 2 C 4 C 4 C	MII OIL Pump Vacuum "Hg Gauge
rain B ube Identification pike Concentration Clock Time 0 5 10 15	OL UII922 n	Spiked Yes No Meter Qutlet AVC °C 25 36 36	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ U 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2	Pump Vacuum "Hg Gauge
rain B ube Identification pike Concentration Clock Time 0 5 10 15 20	OL UII922 n	Spiked Yes No Meter Qutlet AVC °C 36 36 36 36	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "120 2.0 2.0 2.0 2.0 2.0 2.0	Pump Vacuum "Hg Gauge
rain B ube Identification pike Concentration Clock Time 0 5 10 15 20 25 30	OL UII922 n	Spiked Yes No Meter Outlet AVC C 25 36 36 36 36 36	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "120 2.0 2.0 2.0 2.0 2.0 2.0	Pump Vacuum "Hg Gauge
rain B ube Identification pike Concentration Clock Time 0 5 10 15 20 25	OL UII922 n	Spiked Yes No Meter Qutlet AVC °C 36 36 36 36	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ U 2 C 1 C 2 C 2 C 2 C 4 C 4 C 4 C 4 C 4	Pump Vacuum "Hg Gauge
rain B ube Identification pike Concentration Clock Time 0 5 10 15 20 25 30	: OL U11921 n — ng Dry Gas Meter L 26.70 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c)	Spiked Yes No Meter Outlet AVC C 25 36 36 36 36 36	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H H ₂ U 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	Pump Vacuum "Hg Gauge
rain B ube Identification oike Concentration Clock Time 0 5 10 15 20 25 30 35	: OL U11921 n — ng Dry Gas Meter L 26.70 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c)	Spiked Yes No Meter Outlet AVC C 25 36 36 36 36 36	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H 'n²U 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2	Pump Vacuum "Hg Gauge
rain B ube Identification pike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45	: OL U11921 n — ng Dry Gas Meter L 26.70 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c)	Spiked Yes No Meter Outlet AVC C 25 36 36 36 36 36	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H 'H2U 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.	Pump Vacuum "Hg Gauge
rain B ube Identification pike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50	: OL U11921 n — ng Dry Gas Meter L 26.70 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c)	Spiked Yes No Meter Qutlet AVC °C 25 36 36 36 36 36 36 36 36 36 36 36 36	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H 'H2U 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.	Pump Vacuum "Hg Gauge
rain B ube Identification pike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55	: OL U11921 n — ng Dry Gas Meter L 26.70 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c)	Spiked Yes No Meter Qutlet AVC °C 25 36 36 36 36 36 36 36 36 36 36 36 36	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ U 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2	Pump Vacuum "Hg Gauge
rain B ube Identification pike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50	: OL U11921 n — ng Dry Gas Meter L 26.70 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c)	Spiked Yes No Meter Qutlet AVC °C 25 36 36 36 36 36 36 36 36 36 36 36 36	Temperature	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H 'H2U 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.	Pump Vacuum "Hg Gauge T
rain B ube Identification pike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 60	: OL U11921 n — ng Dry Gas Meter L 26.70 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c)	Spiked Yes (No) Meter Qutlet AUC- °C 30 30 30 30 30 30 30 30 30 30 30 30 30	Temperature Inlet C	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ U 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2	Pump Vacuum "Hg Gauge L T
rain B ube Identification pike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 60 tart Time:	: OL U11921 n — ng Dry Gas Meter L 26.70 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c)	Spiked Yes No Meter Qutlet AVC "C 36 36 36 36 36 36 36 36 36 3	Temperature Inlet 'C	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ U 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2	Pump Vacuum "Hg Gauge L T
rain B ube Identification pike Concentration Clock Time 0 5 10 15 20 25 30 35 40 45 50 55 60	: OL U11921 n — ng Dry Gas Meter L 26.70 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c) 3(c)	Spiked Yes (No) Meter Qutlet AUC- °C 30 30 30 30 30 30 30 30 30 30 30 30 30	Temperature Inlet C	Sample Volume: Average DGM Temp Average DGM Δ H: Measuring Device Control Module Meter Pressure Δ H "H ₂ U 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2	Mil (0/15) Pump Vacuum "Hg Gauge Vacuum The Gauge The Gauge



APPENDIX 3

ORTECH Equipment Calibration Data (4 pages)

ORTECH Environmental

Dry Gas Meter Calibration Data

Calibration Procedure	03-J004
Meter Number	Vost 5
Date	June 28, 2017
Barometric Pressure	29.56
System Leak Check	<0.01 lpm @ 24 "Hg

 $ft^3 = cm^* 1.332$ litres per cm/28.3168 litres per ft^3

Tstd °F+460 Vstd ft³ DGMCF=

(Pbar in. Hg+DGMPressure/13.6) Pbar (in. Hg)

Tdgm 'F+460

MII	MII NUMBERS
DGM	COE 20018
Gasometer	A01463
Barometer	COE 20028.
Calibrated By	David Utley
Signature	72.00x
Reviewed and Accepted By	Charla Molar

Time Flow	Rate	min.	61 1.0	31 1.0	27 1.0
DGM	Calibration	Factor	666.0	1.00.1	0.989
DCM	Outlet	၁	32.0	31.0	31,0
DCM	Pressure	in, H ₂ O	1.5	1.5	1.5
DGM Average	Temperature	ွ	32.0	31.0	31.0
DGM	Volume	£t.3	2.250	1.134	0.982
DGM Reading	_	Final		44.64	
DCM		Initial	72.44	12.54	44.64
Gasometer	Temperature	၁	22.0	22.0	22.0
Gasometer	Volume	ft ³	2.183	1.105	0.945
ling		cm	46.40	23.50	20.10
Gasometer Reading	Cum	Final	17.90	43.80	64.30
Gase		Initial	64.30	67.30	84.40

Acceptance Criteria:

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

966.0

DGMCF AVERAGE Lpm

ORTECH Environmental Trendicator Calibration

Calibration Procedure	03-J005
Trendicator Type	Jenco 765
MII	COE 20018
Date	June 28, 2017
Calibrated By	David Utley
Signature	1 Dille
Reviewed and Accepted By	anglardan

Fluke Calibrator Output	Tredicator D	isplay Value	Percent Difference
(COE 20024)	Before Adjustment	After Adjustment	
(°C)	(°€)	(°C)	(%)
0	0	NA	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	151		-0.7
200	200		0.0
300	300		0.0
400	401		-0.3
500	501	\ \	-0.2
600	600	V	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

ORTECH Environmental

Dry Gas Meter Calibration Data

£	FOOL CO
Calibration Procedure	4300°-CO
Meter Number	Vost 2
Date	June 28, 2017
Barometric Pressure	29.59
System Leak Check	<0.01 lpm @ 21"Hg

امر جنس منسور
e.
۵.
tres per cm/28.3168 litres per f
9
00
cm/2
per
litres
1.332
cm*
#3 -

Pbar (in. Hg)	(Pbar in. Hg+DGMPressure/13.6)
Tdgm °F+460	Tstd °F+460
Vstd ft ³	Vdgm ft ³
OGMCF=	

Im Wa No	Reviewed and Accepted By
	Signature
Dayid Utley	Calibrated By
COE20028	Barometer
A01463	Gasometer
A10117	DGM
MII NUMBERS	MIL

Gas	Gasometer Reading	ding	Gasometer	Gasometer Gasometer	DCM	DGM Reading	DGM	DGM Average	DGM	DGM	DGM	Time	Flow
	cm		Volume	Temperature			Volume	Temperature	Pressure	Outlet	Calibration		Rate
In the	Initial	сш	ft³	ာ့	Initial	Final	ft ³	၁ွ	in. H ₂ 0	ပ္	Factor	min.	hom
84.55	70.50	14.05	0.661	22.0	6.200	25.490	0.681	29.0	2.0	29.0	886.0	20	1.0
70.50		55.90 14.60	0.687	22.0	25.490	45.810	0.718	32.0	2.0	32.0	0.985	21.3	1.0
83.60	7	64.70 18.90	0.889	22.0	45.810	72.540	0.944	34.0	2.0	34.0	0.975	28	1.0
	73	A	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)

0.983

I Lpm

DGMCF AVERAGE

ORTECH Environmental

Trendicator Calibration

Calibration Procedure	03-J005
Trendicator Type	Nutech
MII	A10117
Date	June 28, 2017
Calibrated By	David Utley
Signature	Dilla
Reviewed and Accepted By	angla Nolan

Fluke Calibrator Output	Tredicator D	isplay Value	Percent Difference
(COE 20024)	Before Adjustment	After Adjustment	
(°C)	(°C)	(°C)	(%)
0	. 0	NA	0.0
10	10	Ì	0.0
20	20		0.0
50	50		0.0
75	75		0.0
100	100		0.0
125	125		0.0
150	151		-0.7
200	200		0.0
300	301		-0.3
400	400		0.0
500	500		0.0
600	600	V	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

Project Number: 2010947 Contact: Dav

Turn-around: Standard

Plant: ORTECH Environmental

Contact: David Utley

Phone: (905)-822-4120*235

Email: dutley@ortech.ca

701/-0/-14	Anna Rogalski	EPA 7473	± 10%
Date:	Analyst(s):	Method:	Method Uncertainty:

		Section 1 Mass	Section 2 Mass	7	Section 3 Mass	Cnike Level (ng)	Breakthrough	Spike Recovery	Source	Notes
Trap ID	AGS Mass (ng)		(Bu)	iotal Mass (ng)	(Bu)	אוויב דבאבו (ווצי)	(%)	(%)		
OL387169	Œ	727.0	0:0	727.0		100	0.00%			Red particulate on front plug
01411821	ا ا	777.1	0.0	777.1			0.00%			Red particulate on front plug
OLC038307	100	927.1	0.4	927.5		250	0.04%			Red particulate on front plug
01411814	18.50 COM	618.2	0.0	618.2			0.00%			
01411818	3	801.0	0.4	801.4			0.05%			Red particulate on front plug
01426799	5	1306	9.0	1307		500	0.05%			Red particulate on front plug
01331391	FF-	1502	0.1	1502		800	0.00%			Red particulate on front plug
01411752	125	699.4	0.4	8.669			0.05%			Red particulate on front plug
01411783	(A)	476.1	0.0	476.1			0.00%			
01336493	\$ P	1838	0.8	1839		1400	0.04%			
OL331404	157	3183	0.7	3184		2600	0.02%			
OL411922	1400.	491.0	T.	492.1			0.22%			
-										

LOQ = 5 ng	
MDL = 0.46 ng	

¹ Total Mass = PF+AGS+S1+S2

 2 Breakthrough = S2 / (PF+AGS+S1)



³ Spike Recovery = S3 / Spike Level For PS-12B Only

R = Data invalidation qualifier. Refer to notes



APPENDIX 5

Clean Harbors Process Data (12 pages)

BH dP	DVT 622	178.63	188.94	179.19	185,38	170.31	161.75	167.00	184.63	189.69	180.75	188.06	175.25	180.19	154.50	162.69	182.44	190.69	181.69	190.69	176.38	183.88	156,44	16/.23	183.19	103.13	196.50	174.63	151.56	154.88	145.88	179.06	143.31	180.19	144.00	138.44	156.31	148.38	183.19	145.56	181.44	145.50	139.06	158.19	174.75	180.94	164.06	187.25	177.44	151 94	160.81	179.50	185.69	179.50	174.38	177.88
1-1	DZ E1E	+	+		+	+	CT-98	+	+	+	-		Н	-84.75	-89.06	-	+	+	+	+	+	+	+	+	+	+	27.40	+	\vdash		-89.48	+	+	+	+	-00.03	+	Н	-83.06	+		-102.64	+		-101.55	\dashv	+	+	97.00	+	+	\vdash	+	-93.23	+-	-82,58
	DZ-MA	-39.80	-37.95	-42.75	-34.40	-46.90	442.73	43.05	43.35	-35.20	-38.90	-36.10	-50.10	-41.85	-48,35	-42.65	41.85	-39.55	-42.05	-32.90	-48.05	41.35	-46.60	-43.15	-39.45	37.30	27.20	47.95	-51.95	-47.80	-53,55	-40.25	-57.40	-39.40	-61,45	50.05	44.00	-58.30	-39.10	-59.90	-36.50	46.40	-60.20	-43.05	-48.30	-36.65	-57.05	-40.15	42.20	49.20	45,60	-44.15	-34.45	-44.40	-45.55	-39.80
	DZ JAZA	-12.30	-7.80	-14.75	-7.40	-16.00	10.00	-12.80	-13.90	-8.45	-11.30	-9.00	-20.60	-13.80	-18.05	-12,85	-13.40	-9.80	-14.10	-7.45	-19.60	-17.15	-15.50	-14.45	-12.20	-8.50	00.01	-19.30	-17.95	-16.80	-19.35	-10.90	-24.75	-11.10	-27.15	-10.33	-16.85	-28.80	-11.45	-28.60	-10.35	-32.05	-30.75	-14.80	-22.60	-8,40	-27.40	-10.50	12 70	21.70	-15.25	-15,55	-8.65	-16.90	-19.05	-11.75
	TE 250	199.4	199.4	199.4	198.3	198.3	198.3	197.3	197.3	197.3	197.3	197.3	196.3	196.3	196.3	196.3	196.3	196.3	196.3	196.3	195.3	195.3	195.3	195.3	195.3	195.3	107.2	194.3	194.3	194.3	194.3	194.3	195.4	195.4	195.4	195.4	195.4	195.4	195.4	195.4	195.4	195.4	195.4	195.4	194.3	194.3	194.3	194.3	105.7	105.4	195.4	195.4	195.4	195.4	195.4	196.4
SDA	TE 202 TE 204	204.0	203.5	202.5	202.0	201.0	200.5	200.5	200.0	200.0	199.5	199.5	199.5	199.5	199,5	199.5	199.5	199.5	199.0	198.5	198.0	198.0	197.5	19/.5	197.5	197.0	107 5	198.0	198.5	199.0	198.5	199.0	198.5	198.5	198.0	198.5	199.0	198.5	199.0	198.5	198.5	198.0	198.0	198.0	198.0	198.0	198.0	199.5	2000	2000	200.0	200.0	200.0	199.5	200.5	201.0
Quench	TE 202	483.4	482.8	482.3	481.6	481.2	481.3	480.9	480.8	480.5	480.3	480.3	481.3	481.1	480.9	480.3	481.0	480.9	480.8	479.8	479.7	479.5	479.5	4/8./	478.8	67/79	4/6.5	478.4	478,3	478.3	478.0	478.2	477.2	477.5	476.7	1.7.77	477.2	477.2	476.8	476.2	476.4	476.1	475.7	475.9	475.6	475.2	477.9	480.8	481.5	4810	480.8	480.0	479.5	479.5	481.9	482.9
	TE 241	1075.7	1076.1	1076,5	1075.6	1076.0	10/4,3	1071.7	1071.8	1073.3	1074.2	1074.4	1074.7	1073.4	1072.7	1072.5	1072.6	1073.2	1073.2	1073.3	1073.0	10/1.8	1070.8	10/0.2	1069.5	10/0.4	1070.2	1069.5	1068.6	1067.9	1068.7	1069.2	1070.2	1068.9	1069.7	1067.4	1066.1	1066.4	1066.0	1067.3	1066.5	1067.6	1065.0	1063.3	1063.1	1063.2	1069.0	1071.4	10/3./	10716	1069.9	1069.5	1069.3	1070.5	1075.0	1075.5
Primary	Degrees C	1341 6	1344.6	1345.9	1348.6	1349.4	1345.5	1344,5	1343.1	1351.0	1348.1	1350.8	1348.6	1349.9	1346.5	1346.0	1343.5	1345.3	1341.9	1347.1	1342.8	1339.6	1337.5	1336.8	1337.6	1340.4	12412	1337.6	1336.8	1334.0	1334.5	1337.8	1341.1	1337.1	1342.6	1336.8	1332.1	1336.4	1335.0	1338.0	1335.5	1340,8	1332.9	1328.1	1329.3	1333.0	1337.8	1340.0	1345.8	1347.5	1339.5	1342.0	1344.8	1349.3	1355,4	1357.3
	m3/n	94059	92962	94628	92602	93683	95142	93700	93169	92821	94306	93046	94211	93372	93004	93253	94424	93742	93752	92626	94904	92594	94558	94149	94183	93902	32645	93775	94322	94763	96070	93769	95789	93215	96052	94484	96931	96708	93597	97231	92172	95640	96492	94585	93352	94440	95454	93813	95055	94003	94423	92912	92872	94860	94457	94147
S	m3/n	10506	10506	10506	10399	10517	1051/	10427	10545	10528	10534	10433	10573	10573	10573	10556	10539	10427	10545	10438	10545	1042/	10640	10421	10511	10511	10011	10517	10517	10517	10517	10517	10517	10517	10517	10421	10433	10539	10438	10545	10444	10545	10556	10556	10657	10449	10449	10348	10567	10567	10466	10579	10365	10573	10579	10472
Primary	m3/n	29292	28850	29292	28940	29652	66767	29120	29120	28940	29389	28940	29832	29120	29742	29299	29659	28940	29216	29037	29472	29299	29569	29262	29209	75067	25589	29562	29299	29396	29120	2962	2962	29216	29465	57700	29742	29479	29209	29742	29389	29832	30011	29472	29921	29037	29921	29037	30101	20550	29389	29659	29120	29569	29569	29479
PAC	LDS/N	24.73	24.31	23.65	23.44	24.47	24.47	23.18	23.44	24.57	24.52	24.49	23.73	23,63	24.54	24.28	24.60	23.65	23.65	23.42	23.23	23.84	23.91	23.94	24.47	23.65	23.20	23.34	23.15	24.47	24.44	23.65	24.41	24.44	23.10	20.00	23.73	23.13	23.23	24.02	24.02	24.52	23.81	23.18	23.28	23.91	23,39	24.31	23.26	25.43	23.26	24.49	23.97	23.23	23.65	24.26
15	LPM DV 244	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.51	17.51	17.51	17.51	17.36	17.36	17.36	17.36	17.44	17.36	17.36	17.36	17.36	17.36	17.36	17.36	17.36	17.36	17.36	17.36	17.36	17.36	17.36	17.36	17,06	17.06	17.06	17.06	17.06	17.06	17.06	17,00	17.06	17.06	17.06	17.06	17.06	17.06
F	SCFM FT 212	288 75	286.88	277.80	272.40	279.98	284.85	260.33	271.65	276.30	271.35	289.73	277.88	274.35	264.15	278.85	280.43	248.48	267.08	260.48	274.28	282,68	271.43	267.15	266.63	272.03	254.30	236.25	232.80	280.35	268.28	263.10	237.53	277.28	280.13	270 05	276.83	264.90	268.50	246.00	268.20	273.98	268.28	243.75	279.60	274.35	271.58	279.75	272.40	277.70	240.83	268.58	267.98	265.05	276.68	271.80
≥	LPM	4.81	4.78	4.63	4.54	4.67	4.75	4.01	4.53	4.61	4.52	4.83	4.63	4.57	4.40	4.65	4.67	4.14	4.45	4.34	4.59	4.71	4.52	4.45	4.44	4.53	25.4	3 94	3.88	4.69	4.47	4.39	3.96	4.62	4.67	4.52	4.03	4.42	4.48	4.10	4.47	4.57	4.47	4.06	4.66	4.57	4.53	4.65	4.54	5,69	4.01	4.48	4.47	4.42	4.60	4.53
Alkaline	LPINI PAY 207	184 77	186.71	185.22	187.38	185.13	185.45	185.18	184.19	186,62	184.86	185.85	184.77	185.90	185.09	186.75	186.21	187.74	187.07	187,52	187.43	187.61	186.89	184.77	184.41	185.27	167.70	181 89	183.06	184.68	182.93	183.11	181.71	184.41	180.77	182.79	183 24	179.55	182.79	181.49	185.18	181.98	180.45	182.48	180.36	182.12	180.54	184.50	182.61	165.13	184.05	182.21	183.15	181,04	179.91	181.98
Lean	LFW	17454	175.44	174.84	175.35	174.88	1/4,12	175.07	175.59	174.97	175.02	175.25	174.31	174.41	174.60	174.22	174.41	174.93	174.78	174.54	174.22	174.22	175.02	174.35	174.65	1/3./0	179.75	174 54	173.88	175.21	173.84	174.69	173.64	174.45	173.22	172 45	173 98	173.84	173.79	174.03	173.94	172.89	173.88	174.17	173.41	174.35	174.22	174.74	174.41	174,07	174.31	173.84	173.60	173.36	173.36	173.17
Emulsion	LPIM	12.64	13.01	12.92	12.70	12.54	12.91	12.22	12.74	12.05	12.02	11.88	12.46	12.02	12.50	12.98	12.40	12.65	13.08	12.23	12.01	12.57	12.94	12,25	12.61	12.31	11.03	12.22	12.56	12.14	12.39	11.69	11.25	12.17	12.00	12.24	12.42	11.65	11.54	11.95	11.89	11.75	11.99	11.53	11.52	15.15	15.08	15.08	14.96	14.17	13.62	14.44	13.35	13.65	13.93	14.31
Rich	LPIN	30 17	39.08	39,24	39.02	38.87	39.54	39.32	38.97	40.01	38.87	39.33	39.75	39.90	39.99	39.09	39.72	39.63	40.04	39.20	39.32	39.72	39.51	39.80	39.29	39.35	40.11	39.41	39.06	40.14	39.35	39.77	39.41	39.00	39,92	38.72	30.70	39.72	39,84	40.16	39,30	38.84	39.51	39.33	40.17	39.12	39.45	39.26	39.75	33,72	39.45	39.72	39.92	38.96	40.50	40.29
	ć T.	9.1ITTE	9:32:00	9:33:00	9:34:00	9:35:00	9:36:00	9:38:00	9:39:00	9:40:00	9:41:00	9:42:00	9:43:00	9:44:00	9:45:00	9:46:00	9:47:00	9:48:00	9:49:00	9:50:00	9:51:00	9:52:00	9:53:00	9:54:00	9:55:00	9:56:00	9:57:00	9-59-00	10:00:00	10:01:00	10:02:00	10:03:00	10:04:00	10:02:00	10:06:00	10:07:00	10:00:00	10:10:00	10:11:00	10:12:00	10:13:00	10:14:00	10:16:00	10:17:00	10:18:00	10:19:00	10:20:00	10:21:00	10:22:00	10:23:00	10:25:00	10:26:00	10:27:00	10:28:00	10:29:00	10:31:00
Test No. 1	¢D-60	06/2017		29/06/2017	29/06/2017	29/06/2017	78/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/201/	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	7107/20/57	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017

June 29/2017	Waste Flows	50						Flows	Air Flows	2 1	¥e	mperatures	3				Pressures			
	Rich	Rich Emulsion	Lean	Alkaline	TDU Flow	TDU Flow	Leachate	PACFlow	Primary	Secondary	Stack	Primary :	Secondary	Quench	prayDryer	Stack	Incinerator SDA Inlet S	SDA Inlet SI	SD Outlet B	aghouse
Test 1	FT-229	FT-229 FT-219C FT-223	FT-223	PV-207	FT-313B	FT-313	PV-211	SC-PAC-FT		PV-209c	FT-260c	TE-240	TE-241	TE-203	TE-204	TE-258	PT-242A			PDT-622
Max	40.64	15.15	175.59	187.74	4.83	289.73	17.51	24.60	30101	10657	97231	1357.3	1076.5	483.4	204.0	199.4	-5.60	-31.85	-75.30	190.69
Min	38.72	11.25	172.61	179.55	3,88	232.80	17.06	23.10	28850	10348	92172	1328.1	1063.1	475.2	197.0	194.3	-32.05	-62.50	102.64	138.44
Average	39.52	12.65	174.24	183.89	4.48	268.75	17.24	23.86	29395	10507	94194	1341.6	1070.7	479.3	199.2	195.9	-15.83	-44.88	-86.71	171.67
Variance	0.18	96'0	0.44	4.71	0.05	186,40	0.02	0,25	89779	4064	1315055	38,4	11.4	4.4	2.0	1.8	40.69	56.72	50.82	225.92
Sustantesperiorisment and the sustantesperiorism and the sustantesperiorism and sustantespe	manuscriptor and a second designation of the	december 2000 contracted and an arrange of the contracted and an arrange of the contracted and arrange of the contracted arrange of the contracted and arrange of the contracted arrange of th	CONTRACTOR	NAME OF THE OWNER OWNER OWNER OF THE OWNER O	The second secon	The state of the s		A CONTRACTOR OF THE PARTY OF TH	The second secon	CONTRACTOR										

	Test No. 1		СО	HCI ·	CO2	H2O	THC	02	Opacity	SO2
	Statement and the statement of the state	yenemonous en	PPM	PPM	%	%	PPM	%	%	PPM
	\$Date	\$Time	AT-205corr	AT-213A	AT-213B	AT-213C	AT-259corr	AT-261	AT-263	AT-264
	29/06/2017	9:31:00	67.3	31.6	9.17	49.65	11.6	8.75	0.41	335.2
	29/06/2017		68.1	32.4	9.34	50.52	12.7	8.81	0.38	336.5
	29/06/2017	9:33:00		31.9	9.45	50.89	12.4	8.70	0.38	339.3
	29/06/2017	 		30.6	9.38	50.56	12.2	8.51	0.36	335.5
	29/06/2017			30.2	9.32	50.56	12.1	8.71	0.38	333.1
	29/06/2017	9:36:00		29.9	9.38	50.75	11.8	8.67	0.36	335.2
	29/06/2017	 		29.7	9.34	50.71	10.4	8.64	0.40	331.4
	29/06/2017	 	 	29.3	9.23	50.38	11.4	8.65	0.38	323.6
	29/06/2017			28.6	9.14	49.87	10.5	8.86	0.40	319.0
	29/06/2017			29.3	9.35	50.41	11.7	8.83	0.38	329.5
	29/06/2017	9:41:00		29.4	9.42	50.73	10.1	8.72	0.38	338.3
	29/06/2017	 	}	28.1	9.29	50.18	11.9	8.59	0.38	334.3
	29/06/2017	9:43:00		26.8	9.25	50.09	10.5	8.68	0.41	332.2
	29/06/2017	***************************************	 	27.4	9.35	50.57	11.2	8.69	0.38	337.1
	29/06/2017			27.8	9.29	50.30	10.1	8.69	0.41	334.1
	29/06/2017	9:46:00		28.0	9.21	50.08	11.1	8.83	0.38	329.0
	29/06/2017			29.3	9.25	50.26	10.5	9.04	0.42	330.1
	29/06/2017	}		29.8	9.33	50.61	12.0	8.94	0.41	335.3
	29/06/2017			28.4	9.34	50.88	10.2	8.78	0.42	342.8
	29/06/2017		·	28.4	9.21	50.37	12.6	8.78	0.38	331.9
	29/06/2017	 	 	28.4	9.26	50.55	10.4	8.85	0.38	331.9
	29/06/2017	 		27.1	9.33	50.73	11.1	8.76	0.37	331.9
	29/06/2017		}	26.7	9.30	50.53	10.3	8.73	0.38	331.9
	29/06/2017			26.6	9.18	50.14	11.0	8.83	0.38	322.2
	29/06/2017	9:55:00		26.6	9.16	50.11	10.6	8.93	0.42	320.2
	29/06/2017			26.8	9.30	50.56	12.3	8.94	0.36	329.1
	29/06/2017	 	 	26.0	9.30	50.52	10.0	8.71	0.42	334.4
	29/06/2017		 	25.2	9.22	50.10	12.1	8.75	0.38	331.8
	29/06/2017		 	26.6	9.22	49.96	10.5	8.88	0.42	335.4
	29/06/2017 29/06/2017			28.0	9.25	50.09	12.2	8.79	0.35	338.0
	29/06/2017	-		28.0 28.4	9.20 9.10	50.02 49.88	10.8	8.77 8.96	0.42	336.3 328.7
	29/06/2017		 	28.0	9.10	50.08	12.4	9.07	0.37	334.0
	29/06/2017	 		27.2	9.34	50.50	11.5 12.7	8.85	0.38	350.0
	29/06/2017	10:05:00	 	27.6	9.32	50.57	11.0	8.72	0.38	351.1
	29/06/2017		 	26.5	9.21		12.4	8.86		
	29/06/2017		 	25.9	9.23	50.26 50.28	11.3	8.95	0.37	335.9 335.9
	29/06/2017	10:08:00	 	25.8	9.29	50.38	11.3	8.86	0.41	337.5
	29/06/2017			27.2	9.17	49.99	11.5	8.88	0.37	337.3
	29/06/2017			27.2	9.11	49.72	11.4	8.96	0.36	329.0
	29/06/2017		 	27.4	9.17	49.87	11.4	9.06	0.30	333.1
	29/06/2017	 		27.6	9.21	50.10	12.0	8.97	0.41	335.9
•	29/06/2017			27.9	9.25	50.31	11.7	8.76	0.38	340.4
	29/06/2017		 	26.2	9.18	50.00	12.6	8.86	0.37	335.6
	29/06/2017		}	24.8	9.22	50.07	10.9	8.89	0.38	335.6
	29/06/2017			24.5	9.26	50.38	11.1	8.84	0.37	338.9
	29/06/2017	·		25.0	9.17	50.20	11.1	8.83	0.41	337.0
	29/06/2017			25.7	9.05	49.59	11.4	9.01	0.37	327.9
	29/06/2017		 	26.1	9.19	50.11	12.5	9.08	0.38	332.0
	29/06/2017			25.4	9.26	50.44	12.6	9.01	0.36	339.5
	29/06/2017		 	25.6	9.32	50.43	12.9	8.69	0.36	364.7
	29/06/2017	10:22:00	72.8	25.6	9.32	50.31	13.1	8.63	0.35	372.3
	29/06/2017			25.6	9.43	50.64	12.3	8.59	0.36	374.3
	29/06/2017	10:24:00	71.8	25.8	9.44	50.76	12.1	8.56	0.41	368.1
	29/06/2017	10:25:00	69.6	24.9	9.33	50.37	12.5	8.57	0.37	360.5
	29/06/2017		 	24.7	9.21	50.05	13.0	8.80	0.38	355.3
	29/06/2017			24.6	9.29	50.39	13.3	8.84	0.38	357.1
	29/06/2017			25.4	9.41	50.83	12.4	8.64	0.35	363.1
	29/06/2017			25.0	9.37	50.52	14.1	8.50	0.38	363.1
	23/00/2011									
	29/06/2017	·	 	23.5	9.34	50.36	13.5	8.63	0.38	367.6

June 29/2017	Analyzers				Marchine and a particular state of the state			,
	СО	HCI	CO2	H2O	THC	O2	Opacity	SO2
Test 1	AT-205	AT-213A	AT-213B	AT-213C	AT-259	AT-261	AT-263	AT-264
Max	88.4	32.4	9.46	50.89	14.1	9.08	0.42	382.0
Min	54.9	23.5	9.05	49.59	10.0	8.47	0.35	319.0
Average	69.0	27.3	9.27	50.32	11.7	8.79	0.38	339.7
Variance	55.3	3.9	0.01	0.09	0.9	0.02	0.00	195.4

1 7100/50 and	Wasta Flowe	Designation of the second seco	With the second	sonstande commission resemble ext.	-	-		Flows	Air Flows	NAME AND ADDRESS OF THE PERSON	Te	emperatures	s	4			Pressures			
	Rich	Emulsion	Lean	Alkaline	TDU Flow	TDU Flow	Leachate	PACFlow	Primary	Secondary	Stack	Primary	Secondary	Quench	SprayDryer	Stack	Incinerator Si	OA Inlet	SD Outlet E	et Baghouse
Test 2	FT-229	FT-229 FT-219C FT-223 PV-207 FT-313B FT-31	FT-223	PV-207	FT-313B	FT-313	PV-211	SC-PAC-FT	PV-236	PV-209c	FT-260c	TE-240	TE-241	TE-203	TE-204	TE-258	PT-242A	PT-249	PT-615	DT-622
Max	40.68	15.23	173.17	188.01	5.22	312.68	17.25	24.54	30357	10901	97356	1362.0	1085.1	489.9	204.0	197.7	-2.95	-30.10	-71.29	188.50
Min	38.16	12.34	169.67	180.99	3.83	229.95	16.99	23.10	28587	10348	91845	1336.0	1067.3	475.8	0.791	195.3	-25.45	-56.00	-99.19	139.38
Average	39.31	13.81	171.50	183.73	4.59	274.45	17.06	23.80	29620	10465	93915	1347.2	1073.8	483.2	500.9	196.8	-12.51	41.45	-82.53	170.61
	0.43	0.40	0.52	1.54	0,10	395.64	0.01	0.25	165819	4972	1824757	9'09	21.4	12.3	2.6	9.0	32.92	42.54	47.79	190,90

Test No. 2		co	HCI	CO2	H2O	THC	02	Opacity	SO2
		PPM	PPM	%	%	PPM	%	%	PPM
Date	\$Time	AT-205corr	AT-213A	AT-213B	AT-213C	AT-259corr	AT-261	AT-263	AT-264
29/06/2017	10:46:00	58.1	28.3	9.26	50.09	10.8	8.90	0.41	359.8
29/06/2017	10:47:00	62.1	28.2	9.30	50.66	11.6	8.81	0.38	361.5
29/06/2017	10:48:00	64.2	0.0	9.25	50.37	10.1	8.75	0.35	356.3
29/06/2017	10:49:00	64.2	28.4	9.20	49.98	11.6	8.84	0.38	352.0
29/06/2017	10:50:00	73.2	27.9	9.22	50.00	10.9	9.04	0.38	353.4
29/06/2017	10:51:00	75.2	27.8	9.27	50.28	11.9	8.93	0.37	357.1
29/06/2017	10:52:00	73.7	27.3	9.32	50.59	10.4	8.75	0.42	357.1
29/06/2017	10:53:00	76.3	25.7	9.19	50.31	12.8	8.89	0.38	342.8
29/06/2017	10:54:00	85.4	25.4	9.19	50.38	10.3	8.95	0.38	339.1
29/06/2017	10:55:00		24.1	9.28	50.69	12.5	8.81	0.38	344.4
29/06/2017	10:56:00		23.7	9.32	50.62	10.5	8.75	0.38	353.4
29/06/2017	10:57:00	 	25.0	9.28	50.23	11.7	8.75	0.35	364.1
29/06/2017	10:58:00 10:59:00	 	24.4 24.2	9.37	50.26	11.5	8.77	0.36	373.4 380.2
29/06/2017 29/06/2017	11:00:00	}	25.9	9.44 9.47	50.72 50.77	13.1	8.66 8.43	0.38	392.7
29/06/2017	11:01:00		26.8	9.42	50.77	14.0	8.53	0.38	392.7
29/06/2017	11:02:00		27.7	9.49	51.00	12.3	8.62	0.37	398.6
29/06/2017	11:03:00	 	27.8	9.53	50.98	12.3	8.46	0.37	402.6
29/06/2017	11:04:00	 	28.5	9.47	50.58	11.3	8.27	0.38	402.2
29/06/2017	11:05:00	 	26.3	9.38	50.47	13.0	8.50	0.40	395.8
29/06/2017	11:06:00		27.1	9.44	50.72	11.5	8.59	0.38	398.6
29/06/2017	11:07:00		29.1	9.49	50.85	12.2	8.39	0.41	400.4
29/06/2017	11:08:00	60.1	29.0	9.48	50.91	11.0	8.34	0.35	398.0
29/06/2017	11:09:00	66.5	28.2	9.41	50.63	10.6	8.52	0.36	388.9
29/06/2017	11:10:00	64.1	26.0	9.44	50.82	10.1	8.55	0.37	384.6
29/06/2017	11:11:00	60.4	26.1	9.40	50.79	10.4	8.59	0.35	380.1
29/06/2017	11:12:00	59.6	27.7	9.25	50.21	10.5	8.76	0.42	366.4
29/06/2017	11:13:00	61.4	27.9	9.17	49.84	10.9	8.87	0.38	358.8
29/06/2017	11:14:00	·	28.5	9.22	50.17	11.2	9.00	0.36	362.1
29/06/2017	11:15:00	}	27.9	9.37	50,72	11.0	8.84	0.38	371.2
29/06/2017	11:16:00		28.3	9.32	50.50	10.5	8.66	0.35	369.7
29/06/2017	11:17:00	 	27.3	9.21	50.10	11.2	8.75	0.41	364.6
29/06/2017	11:18:00	1	27.1	9.24	50.25	10.2	8.83	0.38	365.9
29/06/2017	11:19:00	73.1	28.2	9.32	50.51	11.0	8.76	0.37	369.7
29/06/2017 29/06/2017	11:20:00 11:21:00		27.2	9.21	50.35 49.74	11.2	8.80 8.84	0.38	366.5 363.6
29/06/2017	11:22:00	 	28.7	9.29	50.35	11.3	8.86	0.37	370.4
29/06/2017	11:23:00	 	29.0	9.36	50.64	11.0	8.77	0.38	373.4
29/06/2017	11:24:00	 	28.2	9.31	50.38	11.1	8.63	0.38	371.3
29/06/2017		 	0.0	9.26	50.25	11.4	8.71	0.42	369.8
29/06/2017	 	 	27.6	9.30	50.59	11.4	8.74	0.38	372.5
29/06/2017	 		28.0	9.33	50.70	11.0	8.71	0.38	374.9
29/06/2017			27.9	9.29	50.43	11.1	8.66	0.38	374.9
29/06/2017	 		27.0	9.25	50.09	11.2	8.78	0.42	373.0
29/06/2017			27.6	9.33	50.43	11.5	8.85	0.38	376.3
29/06/2017	11:31:00		27.8	9.47	50.99	10.2	8.66	0.42	387.5
29/06/2017	11:32:00	71.2	0.0	9.36	50.54	11.9	8.56	0.41	385.5
29/06/2017			27.3	9.32	50.42	10.8	8.63	0.41	384.0
29/06/2017			27.8	9.39	50.62	10.7	8.61	0.38	384.8
29/06/2017			27.7	9.40	50.72	10.5	8.63	0.38	383.6
29/06/2017			28.0	9.29	50.32	10.8	8.74	0.35	376.2
29/06/2017			28.2	9.24	49.98	12.1	8.78	0.41	372.9
29/06/2017			28.6	9.37	50.47	12.1	8.76	0.41	381.6
29/06/2017		 	27.0	9.44	50.99	10.3	8.52	0.38	394.7
29/06/2017		·	26.4	9.39	50.69	12.3	8.47	0.38	391.7
29/06/2017		· · · · · · · · · · · · · · · · · · ·	26.5	9.38	50.44 50.75	9.8	8.53	0.41	396.8
29/06/2017			27.2	9.46		11.0	8.51	0.35	404.2
29/06/2017 29/06/2017		4	27.6 27.4	9.48	50.82	9.5	8.50 8.57	0.42	404.2 392.4
29/06/2017		·	27.4	9.31	50.17	10.6	8.57	0.41	392.4
4.77 GOT ZOTE	11.42.00	13.0	1 47.0	3.43	1 30.22	1 10.0	0.71	1 0.41	330.1

June 29/2017	Analyzers				200000000000000000000000000000000000000		- Anna Carante de Cara	OCCUPATION OF THE PROPERTY OF
1, 3, 1, 1	СО	HCI	CO2	H2O	THC	02	Opacity	SO2
Test 2	AT-205	AT-213A	AT-213B	AT-213C	AT-259	AT-261	AT-263	AT-264
Max	108.3	29.1	9.53	51.00	14.0	9.04	0.42	404.2
Min	57 <i>.</i> 5	0.0	9.14	49.74	9.5	8.27	0.35	339.1
Average	75.7	25.9	9.33	50.48	11.2	8.69	0.38	376.3
Variance	124.1	37.5	0.01	0.09	0.8	0.03	0.00	276.8

STIme I-PM STIme FT-229 12:03:00 36.77 12:03:00 37.81 12:04:00 38.45 12:05:00 38.85 12:05:00 38.84 12:05:00 38.84 12:05:00 38.84 12:05:00 38.84 12:05:00 38.84 12:05:00 38.84 12:05:00 38.84 12:06:00 37.85 12:11:00 37.35 12:12:00 37.56 12:15:00 37.56 12:10:00 37.40 12:10:00 37.35 12:10:00 37.35 12:12:00 37.35 12:22:00 37.35 12:23:00 37.35 12:23:00 37.35 12:24:00 37.35 12:25:00 37.49 12:25:00 37.49 12:25:00 37.49 12:25:00 37.49 12:25:00 37.49	PPM FF-223 T7.137 T7.138 T7.139 T7.13	PW-207 F PV-207 F PV-207 F PV-207 F PV-207 F PV-207 F PV-207 ISB-07 ISB-07 ISB-07 ISB-09 ISB-	FF.3138 4.67 4.00 4.00 4.49 3.89 4.42 4.65 5.01 4.62 4.04 4.04 4.04 4.04 4.04 4.04 4.04 4.0	FF-313 FF		Lbs/h SC-PAC-FT 23.28 23.28 23.28 23.18 24.10 23.10 24.40 24.40 24.40 24.40	m3/h PV-236 PV-236 28937 28857 28120 29120 29309 29309 29309 29309 29209 29209 29209 29209 29209 29209 29209 29209 29209 29209 28267 28264 28267 28264 28267 28264 28267 28264 28267 28264 28267 28267 28264 28267 28264 28267 28264 28267 28267 28264 28267	PV-209 PV-209 105116 105171 10393 10500 10500 10500 10500 10500 10500 10500 10500 10500 10500 10500 10500 10500 10500 10500 10500 10500 10500 10500 10511 10405 10528	F1-280C 93386 93388 95310 94408 95005 95005 95005 9604 96434 94368 9606 9606 9606 9608 96388 94452 94357 94357 94357 94357 94358 94357 943			TE-203 TE-203 TE-203 485.5 487.8 487.8 489.7 490.7 490.0 490.0 490.0 490.0 490.0 490.0 490.0 490.0 490.0 490.0	TE-204 203.0 203.0 203.0 203.0 203.0 203.0 203.0 203.0 204.0 204.0 205.0 206.0		PF-242A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	mmH120 mmH20 mmH20 mmH20 mmH249 PT-249 PT-24	mmht20 mm 47-615 PC 48.79 11 -88.79 11 -89.59 11 -82.40 11 -82.40 11 -93.08 11 -93.08 11 -94.56 11 -95.51 11 -	MAN 120 PDT-622 180.81 141.94 174.50 174.50 178.50 178.50 179.50 177.63
\$17me FT-229 120:000 36.77 120:000 38.57 120:000 38.55 120:000 38.55 120:000 38.43 120:000 38.44 120:000 38.44 120:000 38.44 121:000 38.44 121:000 37.50 121:100 37.50 121:100 37.56 121:100 37.56 121:100 37.56 121:100 37.56 121:100 37.56 121:100 37.56 121:100 37.56 121:100 37.56 121:100 37.56 121:100 37.56 121:200 37.56	H-223 171.37 171.18 171.18 172.08 169.53 170.54 170.54 170.04 170.04 170.04 170.04 170.04 170.04 170.04 170.04 170.05 170					C-PAC-FT 23.89 23.18 23.18 23.18 23.18 24.15 24.15 24.13 24.13 24.13 24.13 24.13 24.14 24.14 24.14 24.14 24.14 24.14 24.14 24.14 24.14			F1-280C 95896 95308 95338 95338 95408 95005 95005 96006 96006 96006 96388 94358 94358 94358 94452 94357 94357 94358 94359 94357 94358 94358 94358 94359 9435	TF-240 1346.9 1346.9 1346.9 1346.9 1347.3 1347.3 1347.3 1350.6 1350.6 1350.6 1350.8 1350.8 1350.8 1350.8 1350.8 1340.8 13	1624 10764 10764 10765 10765 10805 10805 10805 10805 10854 10854 10857 10837 10837 10835 1	7 1 1 2 2 3 3 4 2 5 3 4 2 5 5 5 4 2 5 5 5 5 5 5 5 5 5 5 5 5 5	╶ ╫ ╃╃╃╇╇╇╇╇╇╇╇╇╇					7-622 (6.25) (6.25) (6.21) (7.45) (7.
12:03:00 85.77 12:03:00 88.45 12:05:00 88.45 12:05:00 88.45 12:05:00 88.42 12:05:00 88.43 12:05:00 88.43 12:05:00 88.43 12:05:00 88.43 12:05:00 88.43 12:10:00 88.43 12:10:00 87.26 12:11:00 87.26 12:11:00 87.35 12:11:00 87.35 12:11:00 87.35 12:11:00 87.35 12:11:00 87.35 12:11:00 87.35 12:11:00 87.35 12:11:00 87.35 12:11:00 87.35 12:12:00 87.35	173.1 173.1 171.18 172.08 169.53 170.54 170.64 170.64 170.63 170.63 169.29 169.29 169.29 169.38 169.38 169.38 171.95 171.95 171.05 171.	182.17 182.97 183.74 183.74 182.07 182.97 182.84 180.27 180.27 180.27 180.27 180.27 181.62 184.32 184.32 184.32 184.35 184.35 184.35 181.62 182.03 181.62			17.06 17.06	23.89 23.89 23.89 24.52 24.52 24.10 24.47 24.28 24.49 24.44 24.49 24.44 24.44 24.44 24.44 24.44 24.44 24.44 24.44	28857 2817 2817 29120 29030 29030 29030 29030 29030 29030 29126 29126 28126 2854 2854 2854 2854 2854 2854 2854 2854	10517 10393 10500 10500 10500 10500 10500 10500 10500 10500 10500 10500 10517	93388 95310 94408 97273 97273 93483 96434 96434 96436 9605 9605 9605 9605 9605 9605 9605 960	1349.5 1349.5 1347.3 1347.3 1347.3 1349.6 1356.5 1356.5 1356.5 1346.6 1345.6 1345.6 1345.6 1345.6 1345.6 1345.6 1345.6 1346.6 13	1075.6 1075.6 1075.6 1075.6 1080.5 1080.5 1080.2 1085.2 1085.2 1085.4 1083.7 1081.2 1081.3 1081.3 1083.5 10	465.5 487.8 487.8 488.4 488.4 488.4 489.7 490.7 493.3 493.3 490.6 490.0 490.0 490.7 490.0 490.0 490.0 490.0 490.1	203.0 203.0 203.0 203.0 203.0 203.5 204.0 205.0 206.0					11.94 14.50 18.75 18.75 18.86 19.50 19.50 19.50 17.38 17.38 17.38 17.38 17.48 17.38 17.48 17.48 17.39 17.48 17.59 17.50
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12:15:00 37:56 12:16:00 37:68 12:17:00 37:35 12:19:00 37:35 12:19:00 37:36 12:22:00 38:12 12:22:00 37:34 12:23:00 37:34 12:23:00 37:34 12:23:00 37:35 12:23:00 37:36 12:23:00 37:36 12:23:00 37:36 12:23:00 37:36	171.95 169.38 171.95 170.52 171.00	183.87 182.61 184.32 181.62 184.55 184.55 182.03 181.26 181.26			17.06 17.06 17.06 17.06 17.06 17.06 17.06 17.06 17.06 17.06 17.06 17.06	24.31 23.70 24.36 24.36 24.07 23.18 24.11 24.28 24.28 23.23 23.23 24.44 24.44	29037 29120 29120 29389 29389 28767 29126 29126 28594 28594 28947 28415 28408	10506 10500 10399 10511 10517 10517 10518 10528 10629 10629 10629 10628 10628 10628 10628 10628	94057 93577 91273 94452 93379 92640 93497 94708 93160 92057	1343.8 1345.8 1349.5 1348.1 1352.1 1346.0 1346.0 1346.1 1344.5 1346.1	1081.2 1081.2 1081.3 1083.4 1083.4 1083.5 1083.5 1082.5 1082.5 1083.7 1084.7 1084.7	491.3 490.6 490.5 490.0 490.7 490.8 491.8 491.8	206.0 206.0 205.5 205.5 205.0 205.0 205.0	199.7 199.7 200.7 200.7	++++++			71.63 71.63 30.81 55.06 84.06 59.94 73.94 73.94 73.94 54.56
12:16:00 37:68 12:17:00 38:21 12:19:00 37:35 12:20:00 38:06 12:20:00 37:40 12:20:00 37:35 12:20:00 37:35 12:20:00 37:35 12:20:00 37:35 12:20:00 37:49 12:20:00 37:49	169.38 171.95 170.52 171.00 168.86	182.61 184.32 181.62 184.55 182.16 182.06 181.26 181.62			17.06 17.06 17.06 17.06 17.06 17.06 17.06 17.06 17.06 17.06 17.06	23.70 24.36 28.26 29.07 23.18 24.07 24.31 24.49 24.28 23.23 23.23 24.44	29120 28767 29389 28767 29126 28504 28594 28594 28947 289415 28415 28408	10500 10399 10511 10405 10517 10528 10528 10528 10629 10629 10629 10629 10629 10629 10629 10629 10629	93577 91273 94452 93379 92640 93497 94708 93160 92057	1345.8 1349.5 1349.5 1348.1 1352.1 1346.6 1345.1 1344.5 1346.4 1346.1	1081.2 1081.3 1083.4 1083.3 1083.5 1083.5 1083.5 1083.7 1083.7 1084.7 1084.7	490.6 490.5 490.0 490.9 490.7 490.8 491.8 491.8	206.0 205.5 205.5 205.5 205.0 205.0	199.7 199.7 200.7 200.7	+++++			71.63 30.81 55.06 34.06 59.94 73.94 73.94 54.56
12:17:00 38:21 12:18:00 37:35 12:20:00 38:06 12:20:00 38:06 12:20:00 37:40 12:22:00 37:40 12:23:00 37:40 12:25:00 37:46 12:25:00 37:49 12:25:00 37:49	171.95 170.52 171.00 168.86	184.32 181.62 184.55 182.16 182.03 181.26 181.62			17.06 17.06 17.06 17.06 17.06 17.06 17.06 17.06 17.06 17.06	24.36 24.07 24.07 23.18 24.31 24.49 24.28 23.23 23.49 24.44	28767 29389 28767 29126 28504 29126 28594 28947 28947 28415 28767 28408	10399 10511 10405 10517 10517 10528 10528 10528 10421 10629 10427 10528	91273 94452 93379 92640 93497 94708 93160 92057	1345.6 1349.5 1348.1 1352.1 1346.0 1345.1 1344.5 1346.4	1081.3 1083.4 1083.5 1083.5 1083.5 1083.5 1083.7 1083.7 1084.7 1084.7	490.5 490.0 490.7 490.7 490.8 491.8 491.8	205.5 205.5 205.5 205.0 205.0	200.7	++++			30.81 34.06 34.06 59.94 73.94 54.56
22.18.00 37.35 12.18.00 37.35 12.20.00 38.06 12.22.00 38.12 12.22.00 37.34 12.25.00 37.35 12.25.00 37.49 12.25.00 37.49 12.25.00 37.49	170.52 171.00 168.86	181.62 184.55 182.16 182.03 181.26 181.62			17.06 17.06 17.06 17.06 17.06 17.06 17.06 17.06 17.06	23.26 24.07 23.18 24.31 24.49 24.28 24.28 23.23 23.23 23.49 24.44	29389 28767 29126 28504 29126 28594 28947 28947 28415 28415 28767 28408	10511 10405 10517 10517 10528 10528 10545 10421 10421 10421 10421 10528	94452 93379 92640 93497 94708 93160 92057	1349.5 1348.1 1352.1 1346.0 1345.1 1344.5 1346.4	1083.4 1084.9 1083.5 1083.5 1083.5 1082.5 1083.7 1083.9 1084.7 1084.2	490.0 490.9 490.7 490.7 491.8 492.3 491.9	205.5 205.5 205.0 205.0	200.7	++-+		++++++	35.06 34.06 39.94 73.94 54.56
12.19.00 37.86 12.21.00 38.06 12.22.00 37.94 12.22.00 37.94 12.23.00 37.94 12.23.00 37.94 12.23.00 37.76 12.23.00 37.76 12.23.00 37.76	171.00	184.55 182.16 182.03 181.26 181.62			17.06 17.06 17.06 17.06 17.06 17.06 17.06	24.07 23.18 24.31 24.49 24.28 23.23 23.49 24.44	28767 29126 29126 29126 28594 28947 28415 28767 28767	105.78 105.77 105.77 105.28 105.28 105.28 106.29 106.29 106.29 106.28	93379 92640 93497 94708 93160 92057	1348.1 1352.1 1346.0 1346.6 1345.1 1344.5 1346.4	1083.3 1084.9 1083.5 1083.5 1082.5 1083.7 1083.9 1084.7 1084.7	490.9 490.7 490.7 490.8 491.8 492.3	205.5	200.7	+++	++++	+++++	34.06 39.94 73.94 54.56
12.20:00 87.40 12.22:00 87.40 12.23:00 87.40 12.23:00 87.34 12.24:00 87.76 12.25:00 87.49 12.25:00 87.49	168.86	182.03 181.26 181.62			17.06 17.06 17.06 17.06 17.06 17.06 17.06	23.18 24.31 24.28 24.28 23.23 23.49 24.44	29126 28504 29126 28594 28594 28947 28415 28767 28408	10517 10517 10518 10528 10528 10545 10628 10628 10628 10528	92640 93497 94708 93160 92057	1352.1 1346.0 1346.6 1345.1 1344.5 1346.4	1084.9 1083.5 1083.5 1082.5 1083.7 1083.9 1084.7 1084.2	490.7 490.8 491.8 492.3 491.9	205.0		++	++-	HHHH	39.94 73.94 54.56
12:22:00 38:12 12:22:00 38:12 12:23:00 37:34 12:25:00 37:35 12:25:00 37:45 12:25:00 37:45	100.001	182.03 181.26 181.62			17.06 17.06 17.06 17.06 17.06 17.06	24.31 24.49 24.28 23.23 23.49 24.44	28504 29126 28594 28947 28415 28767 28408	105.28 105.28 105.28 105.45 104.21 106.29 104.27 105.28	93497 94708 93160 92057	1346.0 1345.6 1345.1 1344.5 1346.1	1083.5 1083.5 1083.7 1083.9 1084.7 1084.2 1084.2	490.8 491.8 492.3 491.9	205.5	2007	+	+++	+++-	73.94 54.56 59.56
12:22:00 37:34 12:23:00 37:34 12:25:00 37.76 12:25:00 37.76 12:26:00 37.49 12:27:00 37.67	160.01	181.62			17.06 17.06 17.06 17.06 17.06	24.49 24.28 23.23 23.49 24.44	29126 28594 28947 28415 28767 28408	10528 10528 10545 10421 10629 10427 10528	94708 93160 92057	1346.6 1345.1 1344.5 1346.1	1083.5 1083.7 1083.7 1084.7 1084.2 1084.6	490.8 491.8 492.3 491.9		2007	-	++	++-	54.56
12:23:00 37:34 12:25:00 37:76 12:25:00 37:76 12:27:00 37:67	150.75	181.62		4444	17.06 17.06 17.06 17.06 17.06	24.28 23.23 23.49 24.44	28594 28947 28415 28767 28408	10528 10545 10421 10629 10528 10528	93160 92057 92209	1344.5 1346.1 1346.4	1082.5 1083.7 1083.9 1084.7 1084.2	491.8 492.3 491.9	205 5	2007	+	+	\vdash	59.56
12:24:00 37.35 12:25:00 37.76 12:26:00 37.49 12:27:00 37.67	170.74	100 45		+++	17.06 17.06 17.06 17.06	23.23 23.49 24.44	28947 28415 28767 28408	10545 10421 10629 10427 10528	92057	1344.5 1346.1 1346.4	1083.7 1084.7 1084.2 1084.6	492.3	206.0	200.7	+		1	
12:25:00 37.76 12:26:00 37.49 12:27:00 37.67	169 38			++-	17.06 17.06 17.06	23.49	28415 28767 28408	10421 10629 10427 10528	92209	1346.1	1083.9 1084.7 1084.2 1084.6	491.9	206.0	l	╀	╀	-82.73	179.44
12:26:00 37.49 12:27:00 37.67	169.67	182.21		-	17.06 17.06	24.44	28767	10629 10427 10528 10528		1346.4	1084.7 1084.2 1084.6	-	206.5	-	\vdash	├-	┝	33.94
12:27:00 37.67	169.05	179.64	H		17.06	74.47	28408	10427 10528 10528	91927	-	1084.2	492,0	206.0	200.7	L	-	-	177.88
	170.52	182.97	1	+	-			10528	91499	1346.4	1084.6	491.9	206.5	200.7	-	-	┝	186.38
12:28:00 37.58	169.95	180.05		274.65	17.06	23.91	29126	10528	93188	1345.4	-	491.6	206.0	200.7	-19,40	-49.20	-88.50 1	171.25
12:29:00 38.67	169.48	182.48		-	17.06	24.15	28421	1	93653	1343.1	1083.1	491.7	206.5	200.7	-12,95	-41.45	-78.53 1	177.31
	169.48	178.61	4.72	283.28	17.06	24.18	29030	10534	94535	1341.0	1083.1	492.0	206.5	201.7	-18.35	-48.45	-89.06	156.06
29/06/2017 12:31:00 37.40 13.86	169.29	179.51	4.58	274.73	17.06	23.60	28767	10534	92675	1341.8	1082.2	492,0	207.5	201.7	\dashv	-40.95	-	161.44
12:32:00 37.50	169.62	179.42		285.00	17.06	24.31	28767	10556	92699	1341.6	1082.7	492.5	207.5	201.7	-	+	\dashv	181.31
12:33:00 38:13	170.15	181.67	1	-	17.06	23.47	28325	10455	99206	1347.1	1083.5	492.4	208.0	+	+	+	+	187.63
37.88	170.85	180.32	4.73	283.58	17.06	24.47	28684	10562	92293	1343.3	1084.3	492.0	207.5	+	+	+	+	177.50
12:35:00 37.58	168.95	182.39	\dashv	+	17.06	24.31	28235	10444	91662	1347.1	1084.7	492.3	207.5	201.7	+	+	+	185,75
12:36:00 37.40	170.28	183.96	3.81	+	17.06	23.34	28947	10551	92914	1346.9	1085.5	492.6	207.5	201.7	+	+	+	172.88
12:37:00 37.46	170.81	185.22	+	+	17.06	23.52	28497	10551	92131	1343.1	1084.7	493.3	07.07	707.7	5.70	-36,55	-/b.84 1	1/6.38
12:38:00 38:2/	170.24	183.33	4,51	270.23	17.00	23.21	/0300	10001	01770	1242.0	1004.5	0.000	0.702	+	+	+	+	27.23
26/06/2017 12:39:00 38:30 14:31	170.20	103 70	+	+	17.06	22.45	78157	10449	92122	1343.6	1084 9	493.3	206.5	1	+	+	+	178.50
12:40:00 37.50	170.24	187.05	+	+	17.06	73 15	27970	10449	91542	1348.9	1086.1	491.6	206.0	+	+	+	╁	186.00
29/06/2017 12:41:00 37.83 14:04	170.52	183 29	4.57	274.05	17.06	24.18	28235	10562	92156	1348.4	1086.6	491.2	205.5	201.7	+	╁	+	178.81
12:43:00 37.49	170.66	183.47	+	+	17.06	24.52	28242	10461	92399	1348.6	1086.9	490.8	205.5	201.7	-	┝	┝	37.94
12:44:00 37.68	170.28	184.32	+	-	17.06	24.49	28767	10562	94065	1346.9	1086.8	490.9	205.5	201.7	-	├-	┝	174.31
12:45:00 38.10	171.05	184.91	H	-	17.06	23.23	28594	10449	93606	1347.4	1086.9	491.1	205.5		-10.55	-39.95	-76.09 1	179.13
12:46:00 37.31	169.72	184.95		274.20	17.06	23.68	28691	10466	93512	1342.4	1088.6	492.8	205.5	201.7	-15.20	-45,35	-83.10 1	156.81
29/06/2017 12:47:00 37.79 14:61	169.57	186.48		277.13	17.06	23.39	28415	10466	92556	1346.1	1089,6	493.3	206.0	201.7	+	\dashv	+	164.06
38.13	171.99	185.22	+	\dashv	17.06	23.81	28504	10466	93461	1343.9	1090.1	493.5	206.0	201.7	+	+	+	179.13
37.47	153.42	185.36	3.82	\dashv	17.06	23.18	28677	10365	92336	1345.1	1090.9	492.0	205.5	201.7	+	+	+	189.56
29/06/2017 12:50:00 38.15 14.90	173.64	185.81		+	17.06	23.89	28062	10466	92075	1346,4	1089.9	489.4	204.5	201.7	+	+	+	180.88
12:51:00 37.34	169.81	184.28	+	\dashv	17.06	23.23	28145	10365	93679	1348.4	1091.0	489.6	204.0	200.6	+	+	+	188.69
12:52:00 37.34	168.15	184.55	+	+	17.06	23.15	28408	10478	93119	1347.4	1090.2	490.8	204.0	200.6	-16.40	45.85	-82.16	1/6.31
12:53:00 37.55	169.20	183.78	4,41	264.68	17.06	23.97	28325	104/8	93547	1345.5	1089.3	490.0	504.5	2002	+	+	+	157 31
17:54:00 36:69	74.1/1	183.09	+	+	47.00	24.04	70200	10360	24406	42200	1007 0	7000	0.400	200.0	╀	+	+	160 50
1	170.38	184.41	+	267.75	17.06	23 99	28857	10376	91490	1337.1	1086.6	491.0	204.5	200.6	╁	+	╁	182.88
12:57:00 36 90	168.72	184 19	3 99	239.48	17.06	23.15	28587	10376	92371	1346.6	1090.4	492.1	205.0	200.6	-	\vdash	-	159.81
12:58:00 36.39	169.48	185.00	\vdash	267.08	17.06	24.47	28415	10393	92943	1340.4	1091.8	494.1	205.5	200.6		-36.90	-73.24	183.44
12:59:00 36.59	168.48	184.10		270.08	17.06	24.36	28767	10393	93278	1345.4	1094.0	494,4	206.0	200.6	-15.55	-48.25	-80.85	148.31
13:00:00 36.02	169.48	185.22	\vdash	4	17.06	23.15	29120	10399	93188	1339.0	1092,4	494.5	206.0	200.6	\dashv	+	+	180.94
	169.48	184.14	4.61	+	17.06	24.33	28940	10287	95783	1337.4	1090.0	492.4	206.0	200.6	+	+	+	143.31
29/06/2017 13:02:00 36.15 16.42	170.38	185.94	\dashv	227.93	17.06	24.39	28947	10393	93257	1329.5	1086.6	491.5	206.0	201.7	-9.80	-39.10	-79.58	159.81

	-	SALES OF TAXABLE PARTY AND ADDRESS OF TAXABLE PARTY.	Name and Address of the Owner, where	Name and Address of the Owner, where the Owner,	National Companion Companion	Company of the Compan	- ALCOHOLD STATE OF THE PARTY O	CONTRACTOR	The state of the s	COLUMN TO SERVICE STATE OF THE PARTY OF THE	The second laboratory and the second laborat	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN C		The second secon	The same of the sa					
June 29/2017	Waste Flows	s						Flows	Air Flows		ř	Temperatures	ç				Pressures		On the Party of th	
	Rich	Rich Emulsion Lean Alkaline TD	Lean	Alkaline	U Flow	TDU Flow	Leachate	PACFlow	Primary	Secondary	Stack	Primary	Secondary Quench SprayDrye	Quench	SprayDryer	Stack	Incinerator SDA Inlet		SD Outlet	Baghouse
Test 3	FT-229	FT-229 FT-219C FT-223	FT-223	PV-207	FT-313B	FT-313	PV-211	SC-PAC-FT	PV-236	PV-209c	FT-260c	TE-240	TE-241	TE-203	TE-204	TE-258	PT-242A	PT-249	PT-615	PDT-622
Max	38.84	18.08	173.64	187.34	5.01	300.38	17.06	24.54	29389	10629	97273	1358.8	1094.0	494.5	208.0	201.7	-3.40	-31.60	-70.20	189,56
Min	35.58	13.30	153.42	178.61	3.72	223.13	17.06	23.10	27979	10287	99206	1329.5	1075.6	484.6	202.5	198.6	-28.85	-62.10	-96.56	135,75
Average	37.51	15.08	169.97	183.31	4.41	264.88	17.06	23.83	28767	10463	93427	1345.2	1084.9	490.8	205.3	200.6	-13.85	-43.17	-81.03	168.62
Variance	0.54	1.23	5.26	3.66	60.0	309.73	00'0	0.25	114012	2005	1859371	29.6	14.0	5,3	1.7	1.0	39.65	57.61	49.47	225.15
And the construction of th	Advantage Comments	The second secon	parameter and parameter and parameter.	-	- Commission of the Commission	Commence of the last of the la	Translate Contractor C	AND	TOTAL DESIGNATION OF THE PERSON OF THE PERSO	April 19 September		-	Actor Designation of the last	CONTRACTOR DESCRIPTION OF THE PERSONS	San Charles Commission of the	The second secon	and an in principle of the state of the stat			

Test No. 3		CO	HCl	CO2	H2O	THC	O2 ·	Opacity	SO2
Baracteratura petapetan participation and participation of the participa		PPM	PPM	%	%	PPM	%	%	PPM
\$Date	ļ	AT-205corr		AT-213B		AT-259corr	AT-261	AT-263	AT-264
29/06/2017	12:02:00	72.4	32.8	9.36	50.72	11.8	8.85	0.35	400.8
29/06/2017	12:03:00	88.2	31.9	9.35	50.73	10.2	8.57	0.42	407.3
29/06/2017	12:04:00		32.8	9.30	50.52	11.6	8.65	0.37	407.3
29/06/2017	12:05:00	71.8	33.0	9.39	50.73	9.9	8.72	0.38	420.8
29/06/2017 29/06/2017	 	67.2	33.2	9.45 9.44	50.84	10.7	8.55	0.37	432.9
29/06/2017	 	67.3 56.9	33.7 34.7	9.44	50.90 50.43	9.5 10.7	8.46 8.65	0.37 0.36	430.1 424.2
29/06/2017		 	35.4	9.36	50.52	9.9	8.77	0.38	432.5
29/06/2017	12:10:00	44.6	37.3	9.51	50.88	11.0	8.48	0.36	448.5
29/06/2017		49.1	0.0	9.47	50.58	10.1	8.32	0.42	452.7
29/06/2017		49.5	39.6	9.44	50.51	10.4	8.39	0.38	455.2
29/06/2017		47.2	40.5	9.47	50.74	9.2	8.42	0.41	458.6
29/06/2017	12:14:00	45.0	42.0	9.45	50.68	9.9	8.44	0.37	451.6
29/06/2017	12:15:00	44.8	45.5	9.34	50.38	9.4	8.59	0.35	434.5
29/06/2017	12:16:00	45.1	45.9	9.26	50.04	10.1	8.80	0.38	426.2
29/06/2017		45.4	46.7	9.34	50.41	10.4	8.83	0.38	432.1
29/06/2017		ļ	46.2	9.48	51.06	9.9	8.58	0.35	448.0
29/06/2017		44.7	45.5	9.42	50.70	9.5	8.37	0.38	446.2
29/06/2017	12:20:00		46.8	9.39	50.55	9.5	8.50	0.41	444.9
29/06/2017		39.8	47.1	9.48	51.01	9.5	8.61	0.42	450.1
29/06/2017	12:22:00	<u> </u>	50.2	9.46	51.14	8.7	8.54	0.38	447.3
29/06/2017		38.1	50.7	9.31	50.33	8.1	8.60	0.41	436.6
29/06/2017		34.6	49.8	9.26	50.05	9.6	8.67	0.41	435.2
29/06/2017 29/06/2017	12:25:00 12:26:00		52.0 54.1	9.41 9.47	50.69 50.88	10.3 9.9	8.69 8.57	0.41	450.3 451.7
29/06/2017			50.6	9.41	50.71	10.5	8.47	0.42	445.5
29/06/2017			48.6	9.36	50.71	10.0	8.55	0.41	444.0
29/06/2017		52.7	49.7	9.40	50.74	10.1	8.58	0.38	444.0
29/06/2017			51.2	9.45	50.71	9.0	8.56	0.45	442.5
29/06/2017			52.6	9.36	50.28	9.5	8.58	0.41	436.6
29/06/2017	12:32:00	48.0	54.3	9.29	50.14	9.0	8.80	0.41	434.5
29/06/2017	12:33:00	48.6	53.2	9.38	50.47	10.4	8.79	0.35	441.6
29/06/2017	12:34:00	51.7	52.5	9.52	50.89	9.1	8.55	0.38	454.6
29/06/2017	12:35:00	50.2	51.6	9.40	50.65	10.7	8.52	0.41	444.9
29/06/2017		1	52.9	9.33	50.39	9.9	8.54	0.38	441.5
29/06/2017	12:37:00	-	52.1	9.45	50.77	10.2	8.47	0.38	446.1
29/06/2017			51.5	9.47	50.90	9.1	8.46	0.41	446.1
29/06/2017			52.8	9.35	50.42	10.6	8.49	0.42	435.0
29/06/2017			52.7	9.39 9.44	50.59	9.7	8.74	0.41	439.6 443.3
29/06/2017			52.3 51.3	9.50	50.84 51.08	9.5	8.62 8.39	0.41	443.5
29/06/2017			50.2	9.45	50.98	10.7	8.40	0.45	446.6
29/06/2017		-	48.8	9.38	50.82	9.6	8.57	0.42	445.0
29/06/2017			49.4	9.44	50.95	12.0	8.49	0.42	444.5
29/06/2017		 	51.3	9.49	51.11	9.5	8.49	0.45	450.6
29/06/2017			49.9	9.45	50.90	10.7	8.52	0.46	456.8
29/06/2017	12:48:00	51.5	49.9	9.44	50.75	10.0	8.55	0.45	455.7
29/06/2017	12:49:00	54.6	53.3	9.56	51.21	9.5	8.43	0.45	463.6
29/06/2017	12:50:00	53.0	50.3	9.54	51.23	12.4	8.29	0.45	458.6
29/06/2017			48.2	9.27	50.41	11.0	8.46	0.48	420.9
29/06/2017			48.0	9.41	50.91	9.7	8.59	0.48	441.2
29/06/2017			47.8	9.48	51.02	10.6	8.41	0.43	447.9
29/06/2017		 	47.4	9.39	50.61	9.6	8.35	0.47	444.5
29/06/2017	 		48.3	9.31	50.30	10.2	8.49	0.48	436.4
29/06/2017	<u> </u>		50.1	9.31	50.47	10.5	8.80	0.51	435.0
29/06/2017 29/06/2017		 	53.2 53.5	9.55	51.25	11.6	8.50	0.48	472.8
29/06/2017	-	}	53.5	9.60 9.56	51.32 51.08	11.0	8.24 8.28	0.50	486.1 487.2
29/06/2017		<u> </u>	53.1	9.55	51.09	9.4	8.34	0.47	489.9
29/06/2017	 		54.7	9.51	51.05	10.4	8.26	0.51	483.3
29/06/2017		 	54.7	9.46	50.99	10.2	8.33	0.51	473.9
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June 29/2017	Analyzers							
	СО	HCI	CO2	H2O	THC	02	Opacity	SO2
Test 3	AT-205	AT-213A	AT-213B	AT-213C	AT-259	AT-261	AT-263	AT-264
Max	88.2	55.1	9.60	51.32	12.4	8.94	0.55	489.9
Min	34.6	0.0	9.23	50.04	8.1	8.24	0.35	392.3
Average	50.7	46.2	9.41	50.74	10.1	8.54	0.42	443.6
Variance	107.2	89.9	0.01	0.09	0.7	0.02	0.00	367.0

BH dP	DATE 622	175.31	181.88	158.25	164.94	188.25	190,56	189.50	178.06	177.75	155.94	165.63	188.75	196.44	188.44	192.56	180.44	160.00	171.00	197 50	203.88	193.69	194.63	182.13	178.44	154.94	164,44	186.19	190.69	179.00	197,69	184.00	159.75	171.19	184.81	191.88	182.81	194.19	174.25	166.56	153 25	187.69	148.63	183.06	144.50	174.94	147.69	167.44	155.06	150 13	181 88	150.63	186.75	157.19	172.81	185.81	191,00
1	DT 615	+	-80.29	-95.18	-85.20	-88.73	-/5.11	-73.95	-94.31	-79.13	-90.45	-84.11	-88.50	-77.29	-85.20	-74.29	-88.20	-91.00	78.30	-82 KD	-73.80	-81.75	-70.76	-87.41	-74.63	-82.13	-78.71	-81.04	-72.94	-76.54	67.77-	77.81	-86.63	-79.01	-77.21	-73.46	-80.59	-76.31	-84.19	-78.75	62.50	-81.68	-84.94	-76.91	-91.91	-84.53	-98.48	-85.58	-97.46	-81.b4	-80 59	-105.86	-89.48	-102.75	-87.19	-95.74	-01.10
	01/2-TO	-56.15	-40.60	-49.75	-38.35	-44.35	02.55-	-32.45	43.60	-36,30	-46.85	-39.75	-35.15	-33,50	-39,95	-32,50	-45.60	-34.30	71.45	-34 85	-34.85	-42.65	-29.00	-44.40	-36.20	-42.05	-36.70	-38,65	-28.45	-36.15	-33.00	40.00	-35.00	-37.45	-37.35	-35.15	-36.30	-37.55	-41.75	-39,40	51.00	-33.85	-52.35	-39.90	-57.35	45.55	-52.00	-42.95	-56.60	-39.45	36.15	-62.15	-41.15	-61.50	-39.40	43.70	AC.047
Incinerator	DZ-UIIII	-27 80	-10.15	-22.05	-11.30	-15.75	-8.45	-7.55	-17.55	-10.95	-18.30	-13.05	-12.85	-7.05	-13.80	-5.60	-17.35	15,00	11.05	11 25	-6.75	-13.20	-2.70	-16.35	-7.45	-12.10	-9.40	-10.05	-4.50	-7.85	-6.55	10.30	-11.85	-10.60	-10.00	-6.25	-8.60	-10.70	-15.15	-10.00	18.00	-12.00	-21.40	-10.10	-27.10	-16.55	-28.40	-15.25	-29.40	-13.15	12.70	-33.10	-16.85	-31.30	-15.80	-20.00	C/TT.
Stack	TE 358	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199,0	100 6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	100 6	199.6	199.6	199.6	198.6	198.6	198.6	197.6	197.6	197,6	197.6	197.6	197,6	196.6	196.6	196.6	196.6	196.6	196.6	105.6	195.6	195.6	194.6	194.6	194.6	124.0
SDA	TE 204	203.5	204.0	203.5	203.5	203.5	202.5	203.0	203.0	203.0	203.0	203.5	203.5	203.5	203.0	203.0	202.5	202.5	202.0	203.5	203.5	203.0	203.5	203.5	203.5	204.0	204.0	204.5	204.0	204.0	203.5	30.50	202.5	202.0	201.5	200.5	200.5	199.5	199.5	199.5	199.5	199.5	199.0	199.0	198.5	198.5	198.0	198.0	197.5	197.5	196.5	195.5	195.5	195.0	195.5	195.0	195.0
Quench	TE 303	489.7	490.9	491.2	491.9	492.1	492.6	492.3	492.1	492.1	492.1	492.3	493.0	492.5	492.6	492.8	493.8	493.8	0 707	495.4	494.5	494.3	493.8	494.3	494.3	495.2	495.5	495.1	494.3	493.8	493.1	1007	430.2	488.6	487.9	486.7	487.4	487.1	487.5	487.1	487.3	486.5	486.2	485.1	485.1	485.0	484.7	484.2	483.5	483.1	401.7	480.4	480.5	480.5	480.2	480.2	481.2
Secondary	TE 241	1088.5	1087.9	1088.9	1088.1	1088.9	1090.5	1092.3	1093.3	1091.6	1091.3	1091.4	1092.4	1093.8	1095.2	1095.6	1097.4	1006.6	1000	1096.9	1097.3	1098.1	1098.7	1099.0	1098.2	1098.2	1098.0	1098.0	1099.4	1099.3	1099.4	1007.0	1092 R	1091.5	1090.3	1090.7	1090.4	1091.3	1090.7	1089.9	1088.6	1087.3	1088.6	1087.5	1087.7	1085.8	1085.2	1083.9	1083.8	1082.7	1001	1082.1	1080,2	1079.8	1078.4	1079.1	1080.3
Primary	TE 340 TE 341	1334 5	1329.8	1330.4	1329.6	1328.8	1332.6	1336.1	1339.8	1335.5	1336.4	1335.3	1336.1	1341.5	1341.0	1345,3	1347.6	1346.3	1242 E	1230 0	1347.5	1345.6	1351,4	1347.8	1348.0	1344.0	1346.8	1345.1	1350.6	1348.1	1349.6	12410	1339 1	1336.5	1338.5	1342.6	1341.1	1345.4	1338.5	1338.8	1335.1	1334.8	1340,4	1340.3	1340.9	1333.9	1333.5	1325.6	1329.6	1328.9	1230.0	1331.6	1324.9	1324.0	1320.9	1325.5	1327.5
H	11/601	95136	93115	93883	98986	93788	92029	93764	93542	94384	92907	94715	94240	93026	92722	92130	93767	93434	07070	0272A	92627	95458	91195	93193	91842	93130	91321	92917	91471	93950	92149	25070	94271	92890	92853	93185	94092	92281	93646	93304	93447	97418	95958	93173	94769	93850	96317	95623	95487	93040	50039	97077	93688	94925	94511	94928	93301
Secondary	n/cm	10343	10236	10337	10230	10337	10129	10157	10264	10157	10275	10275	10270	10152	10258	10152	10360	10247	40120	10225	10225	10219	10219	10320	10202	10079	10214	10112	10112	10219	10219	10230	10247	10140	10343	10124	10242	10242	10140	10146	10247	10056	10163	10180	10180	10197	10197	10197	10197	10197	76101	10337	10236	10236	10236	10326	10208
>	11/501	79837	28774	29216	29216	29569	70360	29037	29486	28774	29396	29133	29126	29037	29749	28940	29742	20200	20000	20170	29133	29486	29396	2962	29306	29756	29126	29652	29216	29299	29126	25250	99659	29486	29576	29223	29216	29223	29659	29306	29629	29666	29756	30018	30018	29838	30011	30018	30198	29838	30702	30461	29749	30281	29576	30281	29493
PAC	CC DAC CT	23 13	23.23	24.10	23.15	23,47	24.57	23.52	23.76	23.31	24.44	23.81	24,49	23.65	24.31	24.44	24.07	24.33	24 63	25.84	24.07	23.73	24.20	24.44	24.36	23.68	24.36	24.36	23,65	23.39	24.10	17.62	24.73	24 44	24.05	23.31	24.15	24.60	23.26	23.97	23.31	24.36	24.49	24.23	24.07	24.15	23.65	23.10	23.36	24.39	24,44	24.12	24.41	23.44	23,23	24.41	23.31
Leachate	1	+	17.06	17.06	17.06	17.06	17.06	17.06	17.06	17.06	17.06	17.06	17.06	17.06	16,99	16.99	16.99	16.99	000	16.00	16.99	16.99	66'9	16.80	16.80	16.80	16.80	6.80	16.80	16.80	16.80	70.00	16.30	7.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55	16.43	16.58	17.59	16.39	17.63	16.54	16.54	16.54	17.55	17.44	17.03	17.03	17.03	17.03	17.03	17.03
3	SCRWI CT 242	+	1	-	Н	+	08.687	+	L	+	L		Н	269.03		-	+	281.70	+	+	+	-	-	310.43	299.33	-	\dashv	4	4	+	+	+	274 50	\perp	297.45	-			-	+	+	208.65	+	-	4	298.73	-	4	4	+	54,542	+	-	\sqcup	298.20	+	302.93
3	ET 3130	-	+	4.70 2	\vdash	+	+	+	+	1	H		\vdash			4.75 2	+	4.70	+	+	4,89	-	4.81 2			+	+	+	+	+	4.63	+	+	+	+	+		Н	\dashv	+	+	+	+	-			+	+	+	4.83	+	+	4.57 2	Н	+	4.94	\dashv
a	מיל אטר אט		1	\vdash	Н	+	+	186.03	+	-	┞	-	186.03			-	+	189.05	+	105 40	1	+	┞	185.09		4	4	+	+	+	+	+	187.07	1	187 88	_		184.46		4	4	188 01	1	-		188.24	_	4	4	+	+	186.67	+	Н	\dashv	4	187.20
H	LP 222	+	+	+	Н	+	+	169.29	+	╁	\vdash	-	Н	168.58 18	Н	\dashv	+	1/1.3/ 18	+	150 77 16	+	\vdash	-		-	\dashv	+	+	+	+	+	+	171 05 15	+	+	+-		168.77 18	172.27 18	+	+	169.37 18	+	\vdash	169.67 18	172.04 18	\dashv	\dashv	+	+	+	170.24 18	+	\vdash	+	\dashv	170.94 18
5	LPIM CT 340C	+	+	\vdash	Н	+	+	17.40	╁	+	\vdash	-				16.93 16	+	17.15	+	17 00 11	+	\vdash	-	17.07		+	17.41 17	+	+	+	16.47 17	+	16 83 17	+	16 27 17	+		Н	\dashv	+	16.32 16	+	+	\vdash	15.34 16	Н		-	\dashv	+	+	15 19 17	+	H	+	+	15.17 17
Π	ייי סגר די	+	+	\vdash		+	+	36.72	+	-	-	-	36.90 16	Н		37.28 16	+	25.83	+	27.25	+	+	-	36.83 17		-	+	+	+	+	36.17 16	╀	35.34	+	35 97 16	+			\dashv	+	36.18 16	+	+	-	36.56 15		-	\dashv	\dashv	+	+	35.75 15	+	H	H	+	36.84 15
ا ت	+	8	1		13:18:00 36	\perp	1	13:22:00 36	L		L	L		13:28:00 37	1	13:30:00 37	- 1	13:32:00 35	1	12.35.00		1	1	13:39:00 36		_	\perp	_		_	_	1	13:48:00 35		1	1		13:54:00 36	13:55:00 35		L	13.50.00 36	\perp	L	14:02:00 36	- 1	14:04:00 36		1		1	14:09:00 35	1		Ш		14:15:00 36
_	éTimo	<u>^_</u>	1				4	4	4	4	-	1						1				_				- 1	- 1	- 1		1		t	-	+	-	-			_	-		: 1	1	-	-	-	-	_	-	-		1		1	1017 14:1		
Test No. 4	t Date	39/06/2	29/06/2017	29/06/2017	29/06/2017	79/06/	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	79/06/2	29/06/2017	29/06/2017	29/06/2017	29/06/2017	79/06/	79/06/2017	1/00/00	29/06/2017	29/06/2017	29/06/2017	29/06/2	29/06/2017	29/06/2017	29/06/2017	29/06/2017	7/90/67	29/06/2017	29/06/2017	29/06/2017	790/67	79/06/2017	29/06/2017	71/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	7105/00/62	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	7102/90/62	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/

June 29/2017	Waste Flows	ñ	1		A CONTRACTOR			Flows	Air Flows		Te	Temperatures	s			-	Pressures			
	Rich	Rich Emulsion Lean	Lean	Alkaline	TDU Flow	TDU Flow	Leachate	PACFlow	Primary	Secondary	Stack	Primary	Secondary	Quench S	prayDryer	Stack In	ncinerator	SDA Inlet S	D Outlet	Baghouse
Test 4	FT-229	FT-229 FT-219C FT-223	FT-223	PV-207	FT-313B	FT-313	PV-211	SC-PAC-FT	PV-236	PV-209c	FT-260c	TE-240	TE-241	TE-203	TE-204	TE-258	PT-242A	PT-249	PT-615	PDT-622
Max	37,55	18.08	173.32	189.05	5.17	310.43	17.63	24.60	30461	10360	97022	1351.4	1099.4	495.5	204.5	199.6	-2.70	-28.45	-70.76	203.88
Min	35,61	14.64	168.35	183.47	3.92	235.28	16.39	23.10	28774	10045	91195	1320.9	1078.4	480.2	195.0	194,6	-33.10	-62.15	-105.86	144.50
Average	36,60	16.73	170.40	186.68	4.80	287.84	17.05	23.95	29528	10213	93672	1337.9	1090.9	489.4	201.1	198.5	-14.10	-41.38	-84.11	176.47
Variance	0.26	0.76	1.22	1.75	0.04	153.32	0.11	0.23	146891	5253	1658359	55.6	35.3	23.0	8.5	2.7	48.02	59.66	63.82	230,79
Orton de la constitue de la co		-			VIII.		-	-		Continue of the continue of th	Total Salah Sa	-	elektristiski principanieni principalite	Natural State of the State of t		and the second s	The second secon			

Test No. 4		со	HCI	CO2	H2O	THC	O2	Opacity	SO2
1639,1600		PPM	PPM	%	%	PPM	%	%	PPM
\$Date	\$Time	AT-205corr		AT-213B	***************************************	AT-259corr	AT-261	AT-263	AT-264
29/06/2017	13:15:00	55.4	51.7	9.44	50.82	10.3	8.44	0.51	470.8
29/06/2017	13:16:00	59.7	51.5	9.52	51.12	9.8	8.48	0.51	474.0
29/06/2017	13:17:00	60.5	52.6	9.53	51.34	9.5	8.45	0.51	478.0
29/06/2017	13:18:00	58.0	52.9	9.48	51.07	9.0	8.40	0.48	473.4
29/06/2017	13:19:00	58.7	50.1	9.41	50.88	9.0	8.56	0.51	470.7
29/06/2017	13:20:00	58.0	51.6	9.47	51.06	10.8	8.56	0.51	473.7
29/06/2017	13:21:00	53.7	52.7	9.62	51.43	8.7	8.34	0.47	488.9
29/06/2017	13:22:00	49.8	0.0	9.56	51.29	8.6	8.19	0.47	490.3
29/06/2017	13:23:00	45.9	48.3	9.43	50.95	9.5	8.37	0.51	479.3
29/06/2017	13:24:00	48.0	48.1	9.52	51.15	7.8	8.47	0.47	484.0
29/06/2017 29/06/2017	13:25:00 13:26:00	42.9 42.1	50.0 49.7	9.54 9.43	51.14 50.90	8.0 8.7	8.35 8.49	0.47	482.6 474.1
29/06/2017	13:27:00	44.1	50.0	9.42	50.74	8.2	8.52	0.48	474.1
29/06/2017	13:28:00	47.5	53.0	9.53	51.08	8.9	8.49	0.47	487.8
29/06/2017	13:29:00	}	52.1	9.57	51.26	8.4	8.37	0.50	493.9
29/06/2017	13:30:00	47.6	50.2	9.55	51.31	8.7	8.26	0.48	490.1
29/06/2017	13:31:00	44.8	50.3	9.57	51.33	7.7	8.38	0.45	493.7
29/06/2017	13:32:00	43.4	49.0	9.64	51.38	8.8	8.27	0.43	498.0
29/06/2017	13:33:00	42.1	51.0	9.67	51.56	7.8	8.24	0.43	495.5
29/06/2017	13:34:00	42.7	51.3	9.61	51.31	8.0	8.25	0.45	489.5
29/06/2017	13:35:00		50.6	9.53	51.05	7.5	8.41	0.47	489.5
29/06/2017	 		52.7	9.58	51.26	8.1	8.36	0.45	497.3
29/06/2017	13:37:00		52.5	9.66	51.43	7.6	8.28	0.47	503.5
29/06/2017			49.5	9.58	51.25	9.9	8.27	0.45	501.2
29/06/2017	13:39:00		48.9	9.53	51.10	8.7	8.32	0.47	500.0
29/06/2017	 		49.1	9.63	51.31	10.4	8.19	0.45	505.5
29/06/2017	 		50.0	9.56 9.53	51.40	8.1 10.6	8.10 8.24	0.43	498.7 496.5
29/06/2017 29/06/2017	13:42:00 13:43:00		49.8 48.3	9.56	51.07 51.18	9.1	8.45	0.45	500.9
29/06/2017			48.6	9.65	51.43	10.2	8.33	0.43	507.3
29/06/2017		 	48.8	9.71	51.75	8.3	8.11	0.43	519.3
29/06/2017	1	 	48.6	9.60	51.40	10.5	8.14	0.41	511.9
29/06/2017	13:47:00	55.5	49.2	9.58	51.28	9.1	8.31	0.45	502.0
29/06/2017	13:48:00	47.7	48.1	9.55	51.50	9.9	8.29	0.43	495.3
29/06/2017	13:49:00	44.1	47.2	9.53	51.54	8.8	8.31	0.47	491.5
29/06/2017	13:50:00	38.2	47.9	9.41	50.87	9.5	8.44	0.45	476.1
29/06/2017	 	 	49.2	9.37	50.68	8.8	8.55	0.42	471.5
29/06/2017			47.7	9.50	51.21	9.9	8.49	0.42	480.8
29/06/2017	-		45.2	9,49	51.24	7.7	8.23	0.41	484.1
29/06/2017	1 1 1 2 1 1 1 1 1 1 1 1 1		44.8	9.45	51.21	9.4	8.34	0.45	482.6
29/06/2017 29/06/2017		·	45.4 46.6	9.54	51.38	9.5	8.48 8.40	0.43	488.6 488.6
29/06/2017			55.0	9.43	51.42	8.4	8.35	0.45	483.4
29/06/2017	 		58.3	9.43	51.05	9.1	8.48	0.43	479.6
29/06/2017			58.0	9.41	50.86	8.5	8.67	0.48	475.5
29/06/2017	-		57.1	9.50	51.08	10.5	8.48	0.43	481.8
29/06/2017	 		56.2	9.52	51.09	7.7	8.33	0.47	485.4
29/06/2017		1	53.8	9.41	51.01	8.7	8.52	0.41	478.5
29/06/2017	14:03:00	40.7	54.2	9.41	51.16	8.0	8.64	0.43	480.4
29/06/2017	14:04:00	37.9	53.8	9.45	51.25	8.0	8.54	0.45	482.8
29/06/2017			54.6	9.35	50.99	7.5	8.57	0.43	469.5
29/06/2017			54.6	9.28	50.53	7.9	8.64	0.45	460.6
29/06/2017			53.8	9.34	50.81	8.4	8.80	0.41	463.3
29/06/2017		 	54.5	9.39	51.15	8.3	8.74	0.41	469.3
29/06/2017	+		0.0	9.39	51.21	8.2	8.52	0.41	469.7 459.9
29/06/2017 29/06/2017		- (55.0 59.4	9.29 9.34	50.72	8.7 8.1	8.66 8.73	0.41	459.9 464.7
29/06/2017	·		60.8	9.34	51.24	8.7	8.73	0.41	467.7
29/06/2017			60.1	9.32	50.99	8.4	8.60	0.41	460.9
29/06/2017			58.4	9.19	50.42	9.1	8.78	0.45	452.3
29/06/2017	+		57.1	9.39	50.68	11.0	8.77	0.41	469.8
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1 7 7		in the family designed to the control of the contro							H-100-11-11-11-11-11-11-11-11-11-11-11-11

June 29/2017	Analyzers							
	CO	HCI	CO2	H2O	THC	02	Opacity	SO2
Test 4	AT-205	AT-213A	AT-213B	AT-213C	AT-259	AT-261	AT-263	AT-264
Max	63.9	60.8	9.71	51.75	11.0	8.80	0.51	519.3
Min	34.0	0.0	9.19	50.42	7.5	8.10	0.41	452.3
Average	46.4	50.0	9.49	51.14	8.8	8.43	0.45	483.8
Variance	65.8	100.1	0.01	0.07	0.8	0.03	0.00	198.9

ВН ФР	mmH20	PDT-622	172.94	158,44	178.94	187.44	185,25	176.06	178.06	154.94	158.31	180.56	185,44	179.56	183.88	170.19	157.63	163.94	177,81	185.63	175.88	181.56	166.44	173.38	151.19	156.06	179.06	155.63	150 60	174 38	138.88	157.44	152.75	187.94	146.88	183.31	175.94	147.00	162.06	158.38	184.44	180.94	169.13	175.94	150.75	157.88	177.06	181 13	182.63	170.38	175.94	151.31	157.19	178.69	176.50	200
\mathbf{H}	-	+	-82.80	+	-	\vdash	-90.68	+-	-	Н	-	\dashv	+	+	+	+	-82.65	+	┝	+-	-79.46	-77.18	\dashv	-81.98	+	+	+	-82.01	+	20.68-	+	┞	\vdash	\dashv	+	-81,49	+	-	\vdash	+	+	-82.39	+	-89.93	+	+	+	-87.38	+	+	Н	Н	+	-88.80	+	-
SDA Inlet	mmH20 r	+	43.65	+-	42.70	-	-41.65	+-	H	H	-42.05		+	+	+	+	40.35	+	-	╀	-42.60	-33.20		-	-	+	+	39.80	+	73.60	+	╀	\vdash	\dashv	+	-38.30	+-	├		\dashv	+	41.30	\vdash	Н	\dashv	-+	47.45	+	+-	\vdash	Н	Н	+	45.20	+-	+
1-	-	PT-242A	-14.55	-16.00	-15.55	-10.75	-18.65	-18.45	-14.10	-20.55	-15.65	-14.70	-10.20	-16.20	-8.30	-19.85	-13.45	-15.40	-13.35	-8.70	-14.10	-6.90	-16.65	-17.05	-16.30	-13.30	-13.90	-16.20	10.11	15,65	-25.90	-15.45	-28,45	-12.60	-28.45	-13.00	-19.05	-32.30	-18.60	-34.90	-15.05	-36.13	-35.05	-20.40	-31.50	-19.75	17.40	-17.40	-14.50	-24.90	-18.90	-23.00	-17.80	-19.60	-18.75	2007
Stack		TE-258	194.7	194.7	194.7	194.7	194.7	193.6	193.6	193.6	193.6	193.6	193.6	193.6	192.6	192.6	197.6	192.6	192.6	192.6	192.6	192.6	192.6	192.6	192.6	192.6	192.6	192.6	102.0	197.6	192.6	192.6	192.6	192.6	192.6	192.6	192.6	191.6	191.6	190.6	190.6	189.6	189.6	189.6	189.6	188.6	188.6	188.6	188.6	188.6	188.6	188.6	188.6	187.6	187.6	7,,,,,
SDA	Degrees C Degrees C	TE-204	197.0	196.5	196.0	196.0	195.5	195.0	195.0	195.0	194.5	194.5	194.0	194.0	193.5	193.5	194.0	195.0	195.5	195.5	195.5	195.5	196.0	196.0	196.0	195.5	195.5	195.0	733.0	195.0	195.0	195.5	195.5	195.5	194.5	194.0	192.5	191.5	191.5	190.5	190.0	189.0	188.0	188.0	188.0	188.0	188.5	188.5	188.5	188.5	188.5	188.5	188.5	188.5	188.5	1000
Quench	OI	TE-203	483.5	482.8	481.8	481.1	480.3	480.1	481.3	482.3	482.3	482.1	481.2	481.6	481.2	481.8	482.3	484.7	485.0	485.2	485.4	485.3	485.7	484.3	484.5	484.4	485.3	484.7	402.0	485.2	485.1	486.0	484.1	482.8	480.7	480.5	477.6	477.4	477.1	475.7	4/4.2	4723	470.8	470.9	471.0	472.0	473.3	473.8	475.7	475.7	476.2	477.1	477.1	477.5	477.9	7,7,7
	O	TE-241	1084.3	1082.1	1082.1	1082.4	1082.5	1083.3	1083.0	1083.0	1082.6	1083.0	1083.6	1083.6	1083.7	1083.9	1083.3	1083.0	1082.9	1084.5	1084.7	1085.2	1083.9	1082.0	1080.5	1080.9	1081.6	1083.7	1004.3	1085.7	10843	1083.2	1081.6	1078.8	1078.0	1076.0	1072.5	1071.1	1069.1	1068.7	106/.3	1065.5	1066.2	1065.4	1065.0	1064.4	1065.4	1066.2	1067.9	1069.3	1068.6	1069.0	1068.3	1068.4	1070.0	777.77
Primary	Degrees C	TE-240	1336.8	1334.6	1331.8	1338.0	1335.9	1336,6	1336.0	1334.3	1335.1	1333,5	1339.4	1337.1	1337.6	1336.5	1334.9	1333.8	1333.3	1338.9	1336.3	1339.3	1334.6	1334.9	1330.9	1334.6	1334.0	1338.8	1334.4	1336.4	1331.8	1327.3	1330.1	1328.0	1334.6	1331.9	1330.1	1332.0	1329.4	1326.5	1327.8	1328.9	1329.5	1322.8	1322.5	1323.4	1325.6	1329.8	1328.5	1331.5	1330.6	1328,3	1326.9	1329,5	1334.6	17.6001
Stack	m3/h	FT-260C	93432	94237	94605	93949	94338	94067	94304	94399	94416	94936	92253	94222	94188	94140	94181	92346	95024	91654	94250	93271	93940	94399	95195	94046	92944	92669	17926	94544	93740	93568	96196	93592	96307	93943	97.198	97286	94677	95498	94050	97905	96875	94966	94099	94906	94606	94171	92252	95320	94363	95167	94205	94047	94054	14100
Secondary	m3/h	PV-209	10124	10118	10225	10118	10236	10129	10129	10230	10118	10219	10112	10101	10096	10214	10112	10000	10208	10000	10140	10039	10264	10157	10264	10163	10163	10062	10073	10073	10073	10084	10084	10101	10124	10112	10242	10242	10230	10230	10124	10034	10253	10253	10253	10146	10247	10039	10146	10270	10056	10135	10023	10140	10264	+0504
Primary	m3/h	PV-236	28864	28781	28947	28691	29403	29306	29133	29479	29299	29403	29044	29126	28954	29306	28871	78767	28864	28601	29037	28781	29306	29044	29486	29126	29037	28601	05067	28684	29486	29306	29583	29230	29223	28684	30371	30640	30820	30903	30640	30288	30640	30461	30378	30108	30281	29396	29576	29928	29583	29935	29216	29928	29390	22427
PAC	Lbs/h	SC-PAC-FT	24.33	23.57	23.65	24.52	23.21	23.81	23,99	23.60	23.42	23.44	23,99	23.23	23.23	24.41	23.31	73.31	23.15	24.02	24.36	23.15	23.28	24.18	23.52	23,65	24.49	23.23	25.50	23,84	23.03	24.26	24.41	23.15	24.23	24.33	24.49	23.55	23,15	23,81	23.21	24.52	24.20	23.57	24.44	23.78	24.49	23.99	24.57	24.28	24.52	23.91	24,39	24.49	24.54	24.34
Leachate	LPM	PV-211	17,03	17.03	17.03	16.91	16.91	16,91	16.91	16.91	16.91	16.91	16.73	16.73	16.73	16.73	16.73	16.73	16.73	16.73	16.73	16.73	16.69	16.69	17.14	17.14	17.14	17.14	17.14	17.14	17.14	17.14	17.14	17.14	17.14	17.14	16 99	16.99	16.99	16.99	16.99	16.99	16.99	16.99	16.99	16.99	16.99	16.99	16.99	16.99	16.99	16.99	17.06	17.06	17.06	1/.00
TDU Flow	-1	+	299.93	301.58	288.75	298.80	296.10	280.73	306.75	300.15	292.35	298.73	292.20	298.58	299.55	292.28	294.38	291.68	286.65	279.60	284.25	288.68	282.23	280.95	277.73	277.20	278.48	273.38	56.487	292.95	296.63	300.83	296.03	296.33	296.33	286.35	298.05	+		277.20	243.90	286./3	265.65	277.73	276.68	286.13	284.10	263.33	283 13	+	-	285.83	268.58	279.45	27.4.48	00.4/7
T TDU Flow	-	8	+	5.01	+	4.99	4.94	+	+	Н		\vdash	+	1	\dashv	+	+	+	+	╁	-	-			\dashv	+	+	4.56	+	+	+	+	4,93		+	+	4.97	+		Н	+	8/.8	+		Н	\dashv	4.74	+	+	+	4.74	4.76	Н	+	4.54	١
a	-	-+	187.88	188.82	184.91	187.74	185.81	187.38	189.32	187.52	189.27	187.52	187.79	185.76	187.97	187.16	187,29	187.61	187.38	187.07	186.62	185.67	186.75	186.39	188.87	188.82	189,05	189.27	190.17	186.84	185.97	186.93	186.21	188.06	187.74	190.89	190 13	188.15	189.90	185.63	189.18	185./2	186.62	189.00	185.72	188.19	185.85	188.24	188 24	186.98	189.63	188.42	189.99	187.79	196.62	70.051
Н	LPM	FT-223	171.71	171.61	170.62	171.24	167.15	172.18	-	\vdash	Н	168.11	168.01	-	-	+	175.40	+	+	173.36	174.78	174.22	-	170.28	-	-	168.95	-	+	170.38	+	+-	173.64			+	173 55	+-	-	170.28	171.14	+	+-	-	Н		172.80	173.60	172 80	172.98	171.84	174.03	175.21	172.85	171.75	1/1./2
Emulsion	LPM	FT-219C	14.96	16.08	15.39	15.09	14.88	15.38	15.31	15.31	15.39	14.76	15.16	-	-	15.10	15.64	+	+	14.91	14.63	15.59	-		-	14.97	15.64	15.53	+	+	+	+-	13.20	- 1	\neg	+	12.03	13.10	12.94		+	12.66	13.02	13.25	12.88		12.31	13.62	13.02	13.33	12.98	12.80	13.90	13.55	13,10	17.00
Rich	-1	+	36.89	36.93	36.99	36.78	37.31	36.93	36.32	37.26	36.57	37.25	36.90	36.60	36.83	36.72	36.84	37.38	37.07	37.16	36.74	36.65	36.99	37.10	36.69	36,77	36.65	37.40	36.71	36.63	35.75	36 93	36,86	37.29	37.17	36.96	35.65	36.69	36.86	36.63	36.68	37.10	37.22	36.89	37,58	37.74	37.97	37,70	37.28	37.25	37.43	37.25	38.12	37.13	57.75	3/.//
ب		\$Time	14:27:00	14:29:00			14:32:00	14:34:00			14:37:00	14:38:00	14:39:00	14:40:00		14:42:00	14:43:00	14:45:00		14:47:00	14:48:00	14:49:00	14:50:00	14:51:00	14:52:00	14:53:00	14:54:00	14:55:00	14:56:00	14:57:00	14:58:00		15:01:00	15:02:00	15:03:00	15:04:00	15:05:00	15:07:00				15:11:00			15:15:00		15:17:00	15:18:00	15:19:00	15:21:00	15:22:00	15:23:00			15:26:00	
Test No. 5			29/06/2017	29/06/2017	29/06/2017	11		29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	79/06/2017		29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	73/06/2017	29/06/2017	29/06/201/	29/06/2017		29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017			29/06/2017	29/06/201/	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017		

Rich Emulsion Lean Alkaline TDU Flow TDU Flow Leachate PACFlow Primary Secondary Stack Primary Secondary Order PACFlow Primary Secondary Secondary Order PACFlow Primary Secondary Order PACFlow Primary Secondary Order PACFlow Primary PACFlow Primary Secondary Order PACFlow Primary PACFlow Primary PACFlow Primary PACFlow Primary PACFlow Primary PACFlow	June 29/2017	Waste Flows	S						Flows	Air Flows		Te	[emperatures		-5			Pressures			
FT-229 FT-219C FT-2214 FT-222 FT-2128 FT-3128 FT-3128 FT-312 FT-2214 FT-224 FT-2240 FT-224 FT-		Rich	Emulsion	Lean	Alkaline	TDU Flow	TDU Flow	Leachate	PACFlow		Secondary	Stack		Secondary		prayDryer		ncinerator	SDA Inlet	SD Outlet	Baghouse
38.12 16.08 175.40 190.89 5.11 306.75 17.14 24.57 31076 10270 97905 1339.4 1085.7 486.0 197.0 1 36.22 12.02 165.4 184.91 4.05 243.90 16.69 23.15 28601 10000 91654 1322.5 1064.4 470.8 188.0 37.06 14.21 171.59 187.3 4.78 2868.1 16.69 23.15 2949.9 10153 4941.3 1377.2 480.1 192.9 1.0 1.2 4.8 1.2 4.7 2.8 1.0 7.2 2.4 1.0 9.5	Nacional designation of the Control	FT-229	FT-219C	FT-223	PV-207	FT-313B	FT-313	PV-211	SC-PAC-FT	PV-236	PV-209c	FT-260c	TE-240	TE-241	TE-203	TE-204	TE-258	PT-242A	PT-249	PT-615	PDT-622
1 36.22 12.02 166.74 184.91 4.05 243.90 16.69 23.15 28601 10000 91654 1322.5 1064.4 470.8 188.0 37.06 14.21 171.59 187.73 4.78 286.81 16.96 23.85 29489 10153 94413 1332.4 1077.2 480.1 192.9 0.15 1.27 4.88 1.98 0.04 138.7 0.07 0.75 416909 5785 1628711 18.1 55.7 20.6 9.5	ALCOHOLOGICAL CONTRACTOR CONTRACT	38.12	16.08	175.40	190.89	5.11	306.75	17.14	24.57	31076	10270	97905	1339.4	1085.7	486.0	197.0	194.7	-6.90	-33.20	-74.29	193.19
37.06 14.21 171.59 187.73 4.78 286.81 16.96 23.85 294.89 10153 94413 133.24 1077.2 480.1 192.9 3	Min	36.32	12.02	166.74	184.91	4.05	243.90	16.69	23.15	28601	10000	91654	1322.5	1064.4	470.8	188.0	187.6	-36.15	-67.55	-109.54	138.88
0.15 1.27 4.58 1.95 0.04 1.35.27 0.07 0.25 4.16909 5.785 16.28711 18.1 55.7 20.6 9.5		37.06	14.21	171.59	187.73	4.78	286.81	16.96	23.85	29489	10153	94413	1332.4	1077.2	480.1	192.9	191.8	-18.42	-45.65	-87.38	169.59
	_	0.16	1,22	4.58	1.95	0.04	135.27	0.02	0.25	416909	5785	1628711	18.1	55.7	20.6	9.5	4.4	45.16	53.01	62.56	194.24

	Test No. 5		CO	HCI	CO2	H2O	THC	02	Opacity	SO2
			PPM	PPM	%	%	PPM	%	%	PPM
	<u> </u>		AT-205core	 	AT-213B		AT-259corr	AT-261	AT-263	AT-264
	29/06/2017	14:27:00	60.9	45.6	9.55	51.34	11.4	8.44	0.42	490.9
	29/06/2017	14:28:00	62.0	45.3	9.54	51.48	9.2	8.42	0.41	490.9
	29/06/2017	14:29:00	56.4	43.1	9.39	50.90	7.8	8.48	0.41	480.2
	29/06/2017	14:30:00	49.8	42.5	9.27	50.53	8.8	8.58	0.38	463.0
	29/06/2017	14:31:00	46.4	41.6	9.35	51.05	9.2	8.80	0.38	466.2
	29/06/2017	14:32:00	46.2	41.4	9.46	51.29	8.4	8.74	0.38	478.0
	29/06/2017	14:33:00	43.8	41.0	9.36	50.74	9.5	8.52	0.38	472.4
	29/06/2017	14:34:00	44.3	40.1	9.29	50.52	8.7	8.72	0.41	466.4
	29/06/2017	14:35:00	44.5	39.6	9.38	50.90	9.3	8.69	0.41	474.1
	29/06/2017	14:36:00	41.4	40.0	9.40	51.15	7.7	8.54	0.38	484.1
	29/06/2017	14:37:00	39.6	40.1	9.31	50.69	9.0	8.65	0.37	471.2
	29/06/2017	14:38:00	39.8	40.2	9.28	50.51	7.7	8.75	0.41	465.5
	29/06/2017	14:39:00	39.7	40.6	9.43	51.10	9.0	8.71	0.37	474.6
	29/06/2017	14:40:00	39.0	39.8	9.48	51.36	6.8	8.63	0.41	481.7
	29/06/2017	14:41:00	38.7	39.7	9.30	50.70	7.7	8.61	0.38	470.1
	29/06/2017	14:42:00	38.2	39.7	9.25	50.53	6.7	8.71	0.37	466.5
	29/06/2017	14:43:00	38.0	41.7	9.38	51.03	8.6	8.70	0.41	476.4
	29/06/2017	14:44:00	42.1	44.1	9.42	51.06	7.3	8.58	0.37	478.9
	29/06/2017	14:45:00	44.0	44.1	9.35	50.75	8.9	8.61	0.38	477.2
	29/06/2017	14:46:00	44.3	43.6	9.35	50.83	7.9	8.76	0.42	481.2
	29/06/2017	14:47:00	44.3	44.1	9.45	51.17	9.9	8.65	0.37	490.5
	29/06/2017	14:48:00	52.8	43.3	9.54	51.32	8.3	8.36	0.38	505.5
	29/06/2017	14:49:00	59.1	41.7	9.44	51.30	9.6	8.50	0.38	499.6
	29/06/2017	14:50:00	58.6	41.8	9.44	51.23	8.4	8.58	0.43	497.9
	29/06/2017	14:51:00	56.8	42.8	9.48	51.33	9.1	8.50	0.45	493.6
	29/06/2017	14:52:00	54.2	44.0	9.42	51.15	8.4	8.53	0.41	486.2
	29/06/2017	14:53:00	50.2	41.4	9.22	50.64	9.8	8.65	0.41	472.7
	29/06/2017	14:54:00	51.3	40.0	9.25	50.67	8.6	8.70	0.42	475.7
	29/06/2017	14:55:00	52.2	41.3	9.49	51.26	9.7	8.58	0.41	493.5
	29/06/2017	14:56:00	47.3	41.6	9.53	51.43	7.4	8.36	0.41	505.7
	29/06/2017	14:57:00	44.9	40.2	9.47	51.23	10.2	8.43	0.41	504.6
	29/06/2017	14:58:00	51.0	39.6	9.50	51.39	8.2	8.54	0.45	508.8
	29/06/2017	14:59:00	51.0	40.2	9.49	51.48	8.2	8.46	0.42	508.8
	29/06/2017	15:00:00	41.5	40.2	9.37	51.01	7.7	8.41	0.45	498.1
	29/06/2017	15:01:00	41.3	40.1	9.27	50.56	9.0	8.62	0.43	484.9
	29/06/2017	15:02:00	46.9	41.9	9.35	50.86	8.9	8.79	0.37	486.8
	29/06/2017	15:03:00	58.9	42.7	9.42	51.33	12.4	8.68	0.41	484.0
	29/06/2017	15:04:00	70.4	41.6	9.38	51.26	10.0	8.58	0.41	485.6
	29/06/2017	15:05:00	80.7	37.9	9.31	51.04	9.9	8.64	0.41	483.3
	29/06/2017	15:06:00	68.9	37.2	9.37	51.04	7.7	8.62		<u> </u>
									0.41	472.9
	29/06/2017 29/06/2017	15:07:00 15:08:00	<u></u>	36.3 34.4	9.35 9.24	51.22 50.79	8.5 7.6	8.66	0.38	465.2 452.4
	29/06/2017		46.4 46.4			}	 	8.78	0.41	
	29/06/2017	15:09:00		34.8	9.18	50.52	8.5	8.91	0.41	445.6 443.8
		15:10:00	46.9	35.8	9.17	50.64	9.8	9.05	0.38	
	29/06/2017	15:11:00	60.7	35.2	9.19	50.68	8.6	8.87	0.38	441.5
	29/06/2017	15:12:00	65.4	34.0	9.13	50.38	10.0	8.74	0.42	435.8
	29/06/2017	15:13:00	65.9	33.5	9.10	50.43	9.1	9.00	0.41	435.3
	29/06/2017	15:14:00	63.0	34.1	9.15	50.52	9.1	9.07	0.37	439.8
	29/06/2017	15:15:00	52.8	35.7	9.19	50.63	8.1	8.95	0.38	441.5
	29/06/2017	15:16:00	53.4	35.3	9.10	50.51	9.2	8.92	0.41	437.1
	29/06/2017	15:17:00	57.9	34.9	9.06	50.23	9.5	9.11	0.41	436.2
	29/06/2017	15:18:00	61.5	36.9	9.25	50.78	9.6	9.06	0.40	452.4
	29/06/2017	15:19:00	61.5	36.9	9.28	50.88	9.8	8.92	0.41	457.8
	29/06/2017	15:20:00	62.4	35.4	9.24	50.66	9.4	8.83	0.37	463.0
4	29/06/2017	15:21:00	62.6	34.9	9.20	50.51	9.5	8.90	0.38	461.4
	29/06/2017	15:22:00	60.7	35.4	9.26	50.88	9.7	8.83	0.41	469.0
	29/06/2017	15:23:00	57.3	37.9	9.26	50.84	8.5	8.72	0.41	466.7
	29/06/2017	15:24:00	55.9	44.1	9.20	50.53	8.2	8.76	0.37	460.1
	29/06/2017	15:25:00	51.6	49.5	9.17	50.40	9.3	8.97	0.38	454.6
	29/06/2017	15:26:00	54.9	47.8	9.23	50.68	10.4	8.94	0.38	461.7

June 29/2017	Analyzers							
	СО	HCI	CO2	H2O	THC	O2	Opacity	SO2
Test 5	AT-205	AT-213A	AT-213B	AT-213C	AT-259	AT-261	AT-263	AT-264
Max	80.7	49.5	9.55	51.48	12.4	9.11	0.45	508.8
Min	38.0	33.5	9.06	50.23	6.7	8.36	0.37	435.3
Average	52.4	40.1	9.33	50.91	8.9	8.70	0.40	472.9
Variance	93.1	13.2	0.02	0.11	1.2	0.03	0.00	387.6

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BH dP	mmH20	PDT-622	172.31	157.63	160.50	173.25	187.38	184.13	120.04	177.88	152.81	163.31	174.88	186.75	179.63	191.81	178.13	155.31	159.19	153.88	145 94	179 31	141.25	170.00	138.50	152.75	143.69	173.44	140.13	179.19	176.75	153.31	159.13	177.25	186.69	166.88	180.00	177.63	156.13	159.19	185 75	175.19	184.94	175.44	183.81	159.19	172.44	183.75	178.00	188.00	183,44	162.06	169.50	181.31	18/,09
BH Inlet	mmH20	PT-615	-89.81	-84./1	-80.70	-82,84	-77.85	-90.83	50.77-	-87.04	-84.86	-77.14	-79.13	-76.09	-81.60	-82,01	-87.19	-88.65	-92,66	-87.11	17.00-	-77.06	-89.74	-85.54	-99.98	-80.10	-93.15	-76.09	-92.44	-78.30	-83 89	-104.29	-82.16	-93.15	-81,30	99.00	-75.45	-79.65	-99.15	-83.29	78 64	-92.70	-77.93	-93.94	-79.88	-92.59	-80.48	-72.04	-81.86	-73.28	-82.80	-88.09	-77.63	-76.84	-/5,53
SDA Inlet	mmH20	PT-249	-50,35	-50.20	44.25	-39.35	-33,65	37 10	137.10	43.70	-41.95	-38.95	-37.65	-36.95	-36.40	-33.00	-42.95	-42.45	-47.40	-51.70	51.10	-37 65	-57.20	-43.20	-56.90	-41.50	-54.95	-38.60	-55.90	-33.60	47.95	-63.95	-40.15	-44.35	-38.70	-50.45	-33.40	-40.65	-50.40	-42.25	23 50	41.25	-32.85	-52.05	-42.20	-38.60	-34.70	-34.95	-37.30	-33.50	-39.65	-43.85	-34.25	-34,40	-33.85
Incinerator SDA Inlet	mmH20	PT-242A	-22.65	-16.55	-12.75	-10.85	-8.95	-16.20	20.50	-17.35	-14.70	-10.70	-9.70	-9.25	-10,85	-8.20	-16.35	-14.20	-21.40	-23.90	22.25	-8.15	-25.55	-16.25	-28.70	-12.50	-25.80	-9.65	-26.80	-10.35	13.05	-34.35	-13.35	-17.75	-13.70	-26,15	-8.65	-12.80	-21.95	-15.45	-15.95	-17.55	-10.05	-21,65	-13.25	-11.50	-9.00	-6.40	-11.80	12 50	-12.15	-15.45	-10.05	-9.85	-8,55
Stack	U	+	+	187.6	187.6	187.6	188.7	188.7	188.7	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	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	192.7	192.7	192./	192.7	192.7	192.7	193.7	193.7	194.7	194.7	195.7	195.7	195.7	195.7	195.7	195.7	195./
SDA	grees C De	+	+	189.0	189.5	-	191.0	191.5	192.0	193.0	193.5	194.0	194.0	193.5	193.5	193.5	193.0	192.5	192.5	192.5	107 5	193.0	193.0	193,5	193.5	194.0	194.0	194.0	194.0	194.5	194.0	╀	+	195.0	195.0	194.5	195.0	+	197.0	198.0	197.5	197.5	198.0	198.0	199.0	199.5	201.0	201.0	201.0	+	200.5	200.0	199.5	199.0	198.5
Quench	Degrees C Degrees C	+	+	474.0	+	-	\dashv	+	+	481.5	+	\vdash	-	479.5			1	+	+	+	460.1	+	+	-			486.0	\dashv	+	487.4	+	+	┼	485.6	-	+	484.4	╀	\vdash	485.8	+	+			+	488.8	+-	\vdash	\dashv	+	486.9	+	\vdash	481.9	-
Secondary Qu	O	4	+	1071.6 4	+		2	+	+	1084.6	+	-	+	-		\vdash	-	+	+	+	1082.3 4	+	╀	\vdash	-	1086.8 4	1086.5 4	4	+	+	1007.4	+	+		\vdash	\dashv	1088.0 4	╁	\vdash	+	1087.5 4	+	-	Н	+	1095.5 4	\dotplus	H	4	+	1097.4	1	${\mathbb H}$	+	1089.7 4
Primary Seco		+	+	+	+			+	+	+	+	+	+	+		Н	-	+	+	+	+	+	+	\vdash	-		` '	-	+	+	+	+	+		\vdash	-	+	+	Н	+	+	╀	\vdash	$\vdash \downarrow$	-	+	+		\dashv	+	+	+-	$\vdash \vdash$	+	-
Н	-	\dashv	+	7 1326.8	+		-	+	+	7 1342 5	+	+	-	+		Н		\dashv	+	-	1344.0	+	╀	+	H	Н	1 1344.1	\dashv	+	+	13702	+	╁		Н		1 1348.8	+	-	+	3 1349.6	+	\vdash	Н	+	1348.6	+	\vdash	\dashv	+	1 1347.3	+	H	+	1 1340.4
ry Stack	\vdash	4	+	93198	+	-		+	+	94694	+	+	+	92857	-		-	1	+	+	94667	+	+	+	-	94646	95131	\dashv	+	+	34027	+	+	-	Н	\mathbb{H}	92881	+	\vdash	+	93239	+	┿	93436	+	94575	+	-	\vdash	+	94231	+	++	+	92461
Secondary	m3/h	PV-209	10202	10017	10124	10023	9921	10023	10023	10034	9977	10034	10034	9933	10034	9921	10023	10017	10011	10011	1001	10017	10118	10011	10118	10118	10017	10028	10028	10051	10045	10179	10129	10028	10056	10051	9938	10039	10146	10045	10146	10039	9933	10051	10056	10180	10090	6866	10090	9888	10028	10124	10017	10028	9927
Primary	m3/h	PV-236	29403	29403	29486	29223	28684	29313	1/887	29666	29486	29133	29133	29044	29576	29223	29666	29396	29493	29749	29306	20200	29493	29762	29403	29838	30191	29479	29756	29576	30108	30788	29838	30025	29050	30108	29403	29313	30371	29576	29756	29845	29140	29576	29493	29403	29486	29486	30018	29583	30108	30115	29935	30115	29935
PAC	rps/h	SC-PAC-FT	23.15	24.36	24.41	24.23	23.31	23.65	23.65	23.60	73.47	23.28	24.10	23.57	23.15	24.52	23.36	23.42	24,33	24.05	23.47	25.07	23.89	23.78	23.34	23.68	24.47	23.28	24.54	23.18	24.45	24 54	24.41	23.65	23.47	23.21	23.49	24.12	24.54	23.47	23.52	23.18	23.97	23.18	23.21	23.18	24.02	24.49	23.84	24.41	23.84	24.54	23.94	24.36	24.57
Leachate	LPM	PV-211	17.06	17.06	17.06	17.06	17.06	17.06	17.06	17.06	17.06	17.06	17.06	17.10	17.10	17,10	17.10	17.10	17.10	17.10	17.10	17.10	17.71	17.21	17.21	17,21	17.21	17.21	17.21	17.25	17.75	16.50	16.65	16.65	16,65	16.65	16.65	16.65	16.65	17.74	17.29	17.29	17.29	17.29	17.33	16.24	16.31	16.24	17.63	16.50	15.73	17.03	17.03	17.03	17.03
TDU Flow	SCFM	+	277.73	280.20	276.75	276.15	263.85	282.90	2/4.80	270,58	281.70	271.50	285.53	289.43	279.90	278.03	279.38	269.40	268.35	276.75	286.05	07.707	282.75	277.58	277.35	265,43	270.00	271.05	273.60	259.20	268.13	274.25	273.15	279.30	276.83	276.68	267.08	276.60	274.58	283.43	283.80	275.55	286.65	275.48	278.10	287.70	280.80	280.50	293.70	281.63	288.45	300.98	298.35	284.55	279.08
J Flow		-3138	+	4.67	4.63	\vdash	Н	4.72	+	+	+	+	+	\vdash		Н		+	+	4.61	+	+	4.73	+	-	-	-	\vdash	+	4.32	4.47	+	+	\vdash	Н	4.59	+	+	4.58		+	+	4.78		+	4.80	4.53		Н	4.68	4.81	5.02	H	4.74	\dashv
Alkaline TDU	LPM	PV-207 FT	188.64	189.54	188 37	188.24	187.11	187,07	188.55	188.24	188 51	187.11	186.62	186.75	188.10	187.92	189.00	186.89	189.45	188.42	187.79	107.54	185 77	189.63	187,38	190.08	188.42	190.17	187.79	188.15	185.99	105.62	186,53	186,26	187.47	183.38	182.61	183.96	182.25	185.99	182.88	181 94	184.68	181.71	182.88	180.86	180.18	182.88	181.98	184.77	183.38	182.97	185.00	181.89	182.61
Lean A	LPM	\dashv	+	175.87	+	+	Н	+	+	173.88	+	+	+	+		Н	172.14	\dashv	4	+	+	177714	+	+	+	-	_	Н	\dashv	+	+	+	170.28	-	Н	Н	+	172.37		+	+	16835	+	Н	\dashv	+	168.72	+	Н	+	+	167.87	Н	\dashv	166.40
Emulsion	LPM	-	+	12.62 1	+	+	Н	+	+	14.51	+	+	+	+	-	Н	15.47 1	\dashv	+	+	+	12.57	+	+	-	H	-		1	+	+	+	15.27	1		H	+	15.43	\vdash	\vdash	+	16.52	+		16.90	+	15.92	+	Н	+	16.54	+	H	\dashv	17.22
	Н	-	+	+	+	+		+	+	+		+				Н		\dashv	+	+	+	+	+		\vdash	-	-	H	-	\dashv	+	+	+	\vdash			+	+		\vdash	+				\dashv	+	+	-	H	+	+	+	H	\vdash	\dashv
Rich	ď		1	3:00 37.94					1	5:00 37.38	1	1	1	_			3:00 37.80	1	_	1	_	1	38.00	1	1_	L	L			1	_	26.75 00.9	1					27.59			1	32.03				1	37.94		Ш	1	1	1:00 36.02			7:00 36.06
		S	_	17 15:38:00	_	1	\vdash		4	17 15:45:00	1	1	1		1	1	17 15:53:00	-	_	-	_	17 15:58:00	1	1	1	-	1	\sqcup	17 16:06:00		17 16:08:00	-	17 16:11:00	1				17 16:17:00	1	1	_	17 16:22:00	1		-		17 16:28:00	1		-	-	17 16:34:00	1-1		17 16:37:00
Test No. 6		\$Date	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	79/06/2017	79/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	75/06/2017	7102/00/02	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	7106/2010	29/06/2017	29/06/2017	29/06/201	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	7102/90/67	29/06/2017	29/06/2017	29/06/2017	29/06/2017	79/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017	29/06/2017

June 29/2017	Waste Flows	S)						Flows	Air Flows		<u> </u>	Temperatures	s			_	ressures			
	Rich	Emulsion	Lean	Alkaline	TDU Flow	TDU Flow	Leachate	T	Primary	Secondary	Stack	Primary	Secondary	Quench	SprayDryer	Stack Ir	ncinerator		SD Outlet	Baghouse
Test 6	FT-229	FT-229 FT-219C FT-223	FT-223		FT-313B	FT-313	PV-211	SC-PAC-FT	PV-236	PV-209c	FT-260c	TE-240	TE-241	TE-203	TE-204	TE-258	PT-242A	PT-249	PT-615	PDT-622
Max	38.24	17.34	176.30	190.17	5.03	300.98	17.74	24.57	30371	10202	97382	1357.4	1098.3	488.9	201.0	195.7	-6.40	-32,85	-72.04	191.81
Min	35.90	12.62	162.37	180.18	1	259.20	16.24	23.15	28684	9888	91121	1326.8	1071.6	474.0	189.0	187.6	-34.35	-63.95	-104.29	138.50
Average		15,43 170,23	170.23	1	4.64	278.53	17.01	23.81	29594	10038	93677	1345.4	1086.9	483.3	195.1	191.5	-15.30	-42,56	-84.75	170.25
Variance	0.31	6:0	9.76	7,16	0.02	63.53	60.0	0.24	126475	4747	1832549	39.4	38.6	15.2	11.2	5.3	40.38	54.00	57.21	201.78

Test No. 6		CO	HCI	CO2	H2O	THC	O2	Opacity	SO2
	l Arr	PPM	PPM	% AT 242D	%	PPM	%	% NT 262	PPM
SDate	\$Time	AT-205corr	AT-213A	AT-213B		AT-259corr	AT-261	AT-263	AT-264
29/06/2017	15:37:00	56.5	31.0	9.34	51.19	8.3	8.74	0.35	476.7
29/06/2017	15:38:00	54.7	30.5	9.39	51.31	9.4	8.69	0.38	480.9
29/06/2017	15:39:00	50.0	31.2	9.38	51.18	7.9	8.65	0.37	479.2
29/06/2017	15:40:00	49.0	32.8	9.26	50.66	9.2	8.78	0.40	472.1
29/06/2017	15:41:00	50.4	32.3	9.27	50.73	9.5	8.91	0.38	477.7
29/06/2017	15:42:00	53.6	33.6	9.55	51.37	10.2	8.64	0.35	520.5
29/06/2017	15:43:00	54.0	34.8	9.66	51.67	8.4	8.42	0.38	540.8
29/06/2017	15:44:00	52.7	34.9	9.51	51.42	11.3	8.29	0.37	535.0
29/06/2017	15:45:00	59.4	34.6	9.52	51.23	8.3	8.42	0.38	534.2
29/06/2017	15:46:00	57.4	33.6	9.55	51.49	9.9	8.32	0.37	531.1
29/06/2017	15:47:00	51.7	33.1	9.45	51.30	8.0	8.24	0.41	516.1
29/06/2017	15:48:00	53.9	33.0	9.43	51.07	10.0	8.38	0.35	509.0
29/06/2017	15:49:00	52.0	33.8	9.47	51.15	8.2	8.59	0.35	506.4
29/06/2017	15:50:00	49.5	33.4	9.49	51.31	12.2	8.45	0.37	505.3
29/06/2017	15:51:00	58.7	33.1	9.51	51.47	7.9	8.33	0.38	502.7
29/06/2017	15:52:00	59.4	31.9	9.42	51.15	10.0	8.42	0.41	497.7
29/06/2017	15:53:00	51.7	32.0	9.41	51.22	7.7	8.51	0.35	495.7
29/06/2017	15:54:00	43.8	32.8	9.41	51.26	9.0	8.51	0.37	489.7
29/06/2017	15:55:00	40.9	32.0	9.38	51.18	7.9	8.54	0.41	484.1
29/06/2017	15:56:00	41.4	31.8	9.29	50.85	9.7	8.71	0.38	477.7
29/06/2017	15:57:00	48.4	32.8	9.40	51.27	9.0	8.76	0.35	490.8
29/06/2017	15:58:00	53.0	33.5	9.47	51.43	10.3	8.62	0.41	498.5
29/06/2017	15:59:00	63.0	33.3	9.50	51.24	7.9	8.30	0.38	510.0
29/06/2017	16:00:00	64.6	32.5	9.46	51.09	11.3	8.36	0.38	510.0
29/06/2017	16:01:00	69.3	32.9	9.51	51.33	8.3	8.43	0.38	515.6
29/06/2017	16:02:00	66.3	33.1	9.55	51.41	9.6	8.32	0.38	519.8
29/06/2017	16:03:00	65.0	33.0	9.50	51.29	8.2	8.27	0.37	512.0
29/06/2017	16:04:00	74.2	32.5	9.35	50.97	9.6	8.52	0.38	498.0
29/06/2017	16:05:00	73.6	33.2	9.42	51.25	9.9	8.67	0.38	502.3
29/06/2017	16:06:00	75.8	32.0	9.53	51.68	11.3	8.41	0.38	516.9
29/06/2017	16:07:00	79.2	29.5	9.55	51.70	8.4	8.22	0.38	519.8
29/06/2017	16:08:00	77.3	29.1	9.48	51.30	11.0	8.31	0.38	514.6
29/06/2017	16:09:00	80.5	29.1	9.53	51.52	7.1	8.41	0.35	514.6
29/06/2017	16:10:00	69.3	29.6	9.47	51.30	9.0	8.37	0.41	501.3
29/06/2017	16:11:00	47.2	30.2	9.32	50.71	7.8	8.56	0.38	481.0
29/06/2017	16:12:00	52.5	29.7	9.30	50.69	8.4	8.72	0.38	484.9
29/06/2017	16:13:00	57.1	32.6	9.39	51.14	9.4	8.72	0.38	496.3
29/06/2017	16:14:00	59.0	33.1	9.55	51.51	8.7	8.44	0.41	515.9
29/06/2017	16:15:00	59.3	31.3	9.49	51.30	8.3	8.26	0.35	515.9
29/06/2017	16:16:00	54.5	30.8	9.39	50.90	8.5	8.42	0.38	511.3
29/06/2017	16:17:00	54.2	32.3	9.48	51.07	8.6	8.48	0.38	516.8
29/06/2017	16:18:00	63.5	34.1	9.62	51.35	8.7	8.38	0.38	523.7
29/06/2017	ţ	·}	33.8	9.54	51.15	8.0	8.30	0.37	509.7
29/06/2017	<u> </u>	}	33.9	9.36	50.64	8.2	8.52	0.41	499.7
29/06/2017		 	35.6	9.49	51.05	9.0	8.57	0.38	505.8
29/06/2017		+	35.5	9.56	51.45	9.9	8.51	0.35	512.0
29/06/2017		·	35.2	9.51	51.34	9.4	8.36	0.36	523.8
29/06/2017		 	35.1	9.51	51.19	9.3	8.34	0.35	528.
29/06/2017			36.2	9.66	51.39	8.2	8.22	0.38	543.:
29/06/2017		- 	37.2	9.62	51.35	6.9	8.19	0.38	543.
29/06/2017		 	37.5	9.55	51.19	7.2	8.21	0.35	539.2
29/06/2017	<u> </u>		39.9	9.53	51.16	6.7	8.37	0.37	542.
29/06/2017		 	41.0	9.61	51.33	8.7	8.35	0.37	546.0
29/06/2017		+	40.5	9.70	51.53	6.3	8.11	0.38	552.6
29/06/2017	-}		40.6	9.58	51.09	6.6	8.04	0.32	540.
29/06/2017	· ·		40.5	9.55	51.14	5.8	8.17	0.35	536.
29/06/2017		·}	39.4	9.57	51.39	6.4	8.23	0.35	530.
29/06/2017	1		39.2	9.55	51.34	5.7	8.26	0.37	519.6
29/06/2017			41.2	9.42	51.10	6.4	8.50	0.35	499.
29/06/2017			41.2	9.42	51.12	6.0	8.72	0.35	498.
29/06/2017		 	41.8	9.45	51.12	7.2	8.56	0.33	501.0

June 29/2017	Analyzers							
	CO	HCI	CO2	H2O	THC	O2	Opacity	SO2
Test 6	AT-205	AT-213A	AT-213B	AT-213C	AT-259	AT-261	AT-263	AT-264
Max	80.5	41.8	9.70	51.70	12.2	8.91	0.41	552.6
Min	34.4	29.1	9.26	50.64	5.7	8.04	0.28	472.1
Average	54.4	34.1	9.48	51.23	8.6	8.44	0.37	511.1
Variance	136.7	11.5	0.01	0.06	2.0	0.03	0.00	401.9