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REVIEW OF LANDFILL GAS MONITORING AT THE BRYN PICA LANDFILL SITE DURING THE PERIOD JAN 19 – DEC 19

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Executive Summary

Amgen Cymru has carried out an annual review of the results of landfill gas monitoring activities carried out at the Bryn Pica landfill site during the period Jan 19 – Dec 19.

The submission to the Environment Agency (EA) of a periodic review of environmental monitoring results is required under Section 4.2 of the sites PPC Permit. It is outlined in this document that such a review should include:

a) A review of the results of the monitoring and assessment carried out in accordance with this permit against the relevant assumptions, parameters and results in the risk assessments submitted with the Application.

The purpose of this report is to fulfil the above requirement of Section 4.2 Reporting to the Environmental Permit for the Bryn Pica Landfill Site, Rhondda – Cynon – Taff.

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3.5	Comparison of gas monitoring results recorded at the landfill gas compound in 2016, 2017 and 2018.
4.1	Statistical summary of Sub Surface Landfill Gas monitoring carried out at the Bryn Pica Landfill during the period Jan 19 – Dec 19.

1. INTRODUCTION

This report presents a review of landfill gas monitoring carried out by Amgen Cymru and its nominated contractor (Infinis) at the Bryn Pica Landfill Site during 2019.

Results of gas monitoring at the Bryn Pica site have been compared to Environmental Assessment Limits (EAL's) and comments made in relation to the performance of the gas management system at the site.

1.1 Aims of this Report.

The aim of this document is to satisfy the reporting requirements of Section 4.2 of the Bryn Pica Landfill Site Environmental Permit (DP3732SQ). With reference to landfill gas monitoring carried out at the site, this is considered to be as follows:

1. Provide a summary of landfill gas monitoring data collected at the site over the previous 12 months, including results for both Raw (in-waste) Landfill Gas and Sub-Surface (outside the margin of the waste) Landfill Gas.

2. Compare landfill gas monitoring data to relevant Environmental Assessment Limits (EAL's) justified in the report.

3. Make recommendation for any potential improvements in landfill gas monitoring at the site.

4. Make recommendation for any remedial work required, in the case that any potential negative trends are identified in the monitoring results.

1.2 Environmental Assessment Limits (EAL's)

Environmental Assessment Limits (EAL's) are used in this report to assess the effectiveness of environmental management systems in mitigating the risk associated with landfill gas production at the Bryn Pica Landfill Site.

EAL's for the assessment of landfill gas monitoring are provided in Table 1.1 below.

Table 1.1: Justification for EAL's used for Landfill Gas Monitoring at the Bryn Pica Landfill Site		
Monitoring	**EAL's (Thresholds) % by Vol in air**	**Justification**
Raw Landfill Gas Monitoring In waste monitoring carried out in gas well situated across the landfill site.	Methane CH_4 - Lower > 35% Upper > 60%	Lower - Approaching LEL Upper – Excessive gas Build Up
	Oxygen O_2 -Upper >5%	Upper - Approaching LEL
Sub-Surface Gas Monitoring Carried out on samples taken from ground monitoring boreholes located in ground strata adjacent to the landfill **(i.e. outside the landfill waste mass).**	Methane CH_4 – Upper > 1.0%	EA Guidance Doc LFTGN03 recommends a trigger level for CH_4 of 1 % above background levels. Background levels at Bryn Pica are assumed to be 0.0 %.
	Carbon Dioxide CO2 – Upper <2.8% v/v	EA Guidance Doc LFTGN03 recommends a trigger level for CO2 of 1.5 % above background levels. Background CO2 levels are calculated as being 1.3% /v – these are calculated for the opencast backfill material surrounding the Bryn Pica landfill using annual average values of the results of landfill gas monitoring in GMBH06-10 and GMBH06-11. These show no signs of landfill gas migration and are significantly removed from the existing area of landfilling.

2. SOURCE – PATHWAY – RECEPTOR ANALYSIS.

Analysis of the contamination linkage model (i.e. source, pathway and receptor) has been used as basis for the interpretation of landfill gas monitoring carried out at Bryn Pica.

The environmental setting of the site is laid out below to allow a Source – Pathway – Receptor analysis of the monitoring results.

2.1 Environmental Setting

Site Location and Surroundings

The Bryn Pica Landfill Site is located approximately 4 km North of Aberdare at National Grid Reference (NGR) SO 010 047, at an elevation of between 260 – 350 mAOD, on the Northern slope of the Cynon Valley. The sites location in relation to its environmental setting is illustrated in Drawing No. AC2020/ENV/02/01(Site Location Plan).

The landfill waste disposal facility at the Bryn Pica site has been established in a former opencast coal working, with some mined coal seams beneath. The site also contains Site Offices, Materials Recycling Facility (MRF), Landfill Gas Power Generation Scheme and Leachate Treatment Plant.

Environmental Setting

A detailed assessment of the Bryn Pica landfill site in relation to its environmental setting is provided in the Environmental Setting and Installation Design Report (ESID), produced as part of the PPC Permit Application Documents (Reference 1 – AM5458/ESID). The main details of which are summarised below:

Hydrogeology:

The Bryn Pica landfill site overlies the North limb of the South Wales Coalfield Syncline, comprising Carboniferous middle and lower coal measure strata. These comprise cyclic deposits with aquifer forming rocks (i.e. sandstones) separated by non-aquifer forming rocks (i.e. siltstone, mudstone, coals and associated argillaceous horizons). Typical for the area, coal seams are crossed with several faults, with a large fault system (Werfa Fault) running just North of the site.

The majority of coal seams underlying the Bryn Pica landfill site have under gone extensive deep mining, with the Nine Feet and Gellideg seams proving highly productive. Below the Gellideg, as well as interspersing higher seams extensive ironstone formations were identified and worked.

The Bryn Pica site was extensively opencast during the 1950's and 1960's. Following completion of the opencast mining at the site, backfilling of the open cast void was undertaken using the opencast waste arising. In place of the natural geology, a heterogeneous mix of sandstones, siltstones and mudstones now exists. In places this is known to be up 70m thick.

It is anticipated that groundwater infiltrating the opencast backfill material is intercepted by deep mine workings. Previous studies have shown that the most likely discharge point for this deep mine groundwater as being the Watercourse Level, located within the Pirelli Cable Works at national grid reference (NGR) SN 997040.

Groundwater issuing from the Watercourse Level is discharged to the Avon Cynon a short distance away at NGR 001035.

Hydrology:

During 2009, the Avon Cynon between NGR SN 968 053 and SO 004 027 was classified by the Environment Agency as being of very good quality (Class A).

The Nant-y-Derlwyn watercourse discharges to the Avon Cynon at NGR SO 994041 flowing in a south westerly direction along Mynydd Aberdar (originating at NGR SO 015058). This watercourse is located approximately 500m away from the Bryn Pica landfill site in a westerly direction.

Adjacent to the south of the landfill site an unnamed stream flows in a south westerly direction, joining the Avon Cynon at NGR SO 003 034.

<u>Environmental Management Systems</u>

At the time of writing tipping operations are ongoing within the Phase 4b landfill cell. Future landfill operations at Bryn Pica are currently under review and the development of subsequent landfill cells will depend on the analysis of future trends in waste disposal (i.e. the continuing diversion of waste from landfill).

Leachate and Landfill Gas management systems at the site are managed by Amgen staff and Infinis (Landfill Gas to Energy Contractor), respectively. These systems protect local environmental receptors from the potentially harmful effects of leachate and landfill gas generation at the site.

Phase 1 Landfill Gas Management

Phase 1 of the Bryn Pica Landfill consists of a 6 ha basal area of unlined waste cell, situated on a significant thickness of opencast backfill material. The cell contains approximately 1.5 million cubic metres of domestic, commercial and non-hazardous industrial waste.

A permanently engineered cap has been constructed over 5.3 ha of the western flank and top surface of the landform. A total of 20 landfill gas collection wells are currently operational within the waste mass of Phase 1, enabling continuous landfill gas extraction from this area of the site. These wells supply landfill gas to the onsite combustion engine to produce electricity. Any gas not being used for energy production is passed through an enclosed, high temperature flare.

Phase 2 and 3 Landfill Gas Management

Phases 2 and 3 of the Bryn Pica landfill are separated into 5 containment cells (cell 2a, 2b, 2c, 3a and 3b). These cells each consist of a composite basal liner (engineered barrier) and basal drainage system. Basal drainage is provided by a 300 - 500 mm thick, non-calcareous, clean stone blanket laid with slotted HDPE pipe acting as preferential drainage pathways. The basal drainage system in Phase 2b and 3a consist of recycled whole tyres constructed in a manner which provides an appropriate thickness of drainage blanket on compaction.

Phase 3b

Capping works undertaken in 2008 consisted of approximately 0.7 hectares of temporary (plastic) capping in the area of the cell 3b intermediate slope. This brings the total area of landfill now covered with a permanent cap to approximately 9.6 hectares and temporary cap to 3.7 hectares. An additional area of Engineered (Permanent) Capping was completed over an approximate area of 1.2 hectares, in Autumn 2012.

To date a total of 22 wells have been installed over the completed area of Phase 3 (Landfill Cells 3a and 3b), these are connected to the gas processing plant by a series of surface laid pipes and associated controls.

Phase 4a/4b

Tipping operations commenced within Phase 4b Landfill Cell in Jan-14. At the time of writing Phase 4 has a total of 12 operational landfill gas wells. Tipping operations are currently ongoing within Phase 4b and thus the scale of gas management within this cell is restricted to that of interim arrangements.

2.2 Landfill Gas

Source:

Landfill Gas is created by the degradation of biodegradable material contained within the landfill.

If uncontrolled, significant gas pressure can accumulate within the landfill – thus increasing the potential for landfill gas to migrate (move) into the ground surrounding the landfill and/or into the atmosphere (surface emissions).

Note: Example of control measures: impermeable barriers (i.e. basal liners, landfill caps), gas extraction systems and flaring.

Pathway:

If allowed to persist, landfill gas under positive pressure within the landfill has the potential to migrate (move) away from the base of the landfill into the surrounding strata (soil or rock). The rate, direction and distance in which landfill gas can migrate, depends on the nature (particularly permeability) of the ground conditions.

Note: Colliery Spoil present beneath the Bryn Pica site consists of backfilled waste material from opencast mining operations. This material has been described as a heterogeneous mix of sandstone, siltstone and mudstone of a general free draining nature. Therefore the opencast backfill present at Bryn Pica has the potential to act as a pathway for horizontal and vertical landfill gas migration.

Receptor:

List of receptors typically associated with landfill gas migration:

1. Human Health – exposure to landfill gas compounds.
2. Property – explosion / asphyxiating conditions.
3. Vegetation Stress – exposure to toxic components of landfill gas.

Note: Generic list, not specifically identified in relation to the Bryn Pica Landfill Site.

3. REVIEW OF LANDFILL GAS MONITORING RESULTS.

The following sections provide an overview of landfill gas monitoring results as collected and provided by Infinis (on behalf of Amgen Cymru) during the period Jan 19 – Dec 19.

3.1 Raw 'In-Waste' Landfill Gas Monitoring

Throughout 2019 the landfill gas extraction system at the Bryn Pica Landfill has consisted of 71 operational landfill gas extraction wells. In addition to this, a series of perforated pipes, laid horizontally in the waste ('Horizontals') are currently being utilised to extract gas from the operational area of Cell 4a. These are provided as an interim measure whilst waste filling is ongoing.

Gas extraction infrastructure is connected to 1 of 4 manifold units situated at various locations around the landfill installation. The quantity and quality of landfill gas directed to the landfill gas flare / engine is controlled at each individual manifold.

The landfill gas power generation compound consists of a High Temperature Landfill Gas Flare and 2 Landfill Gas Power Generation Units. A number of pneumatic powered dewatering facilities (KO Pots) are employed to ensure that pipe-work across the site is free from gas condensate (water).

Operational management of the gas extraction and processing system at the site is sub-contracted to Infinis as part of the power generation scheme in place at the site. Infinis staff have carried out monitoring of individual gas collection wells as requested by the Environmental Permit for the landfill installation. Annual average values for: methane (CH_4), carbon dioxide (CO_2), oxygen (O_2) and relative pressure are provided in Tables 3.1 to 3.5. The full raw data set is provided in Appendix C (PDF version only).

Asset ID	Location	Count	Methane (CH4)			Carbon Dioxide (CO2)			Oxygen (O2)			Relative Pressure		
			Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
BYPWM101	Phase 1	12	55.9	40.6	47.9	25.1	21.8	23.7	0.3	0.0	0.1	-0.2	-2.6	-0.8
BYPWM102	Phase 1	12	58.1	44.4	49.7	28.4	25.5	26.9	0.5	0.0	0.2	-0.3	-2.4	-0.9
BYPWM103	Phase 1	13	50.1	26.2	35.2	20.1	16.0	18.1	1.8	0.0	0.2	1.1	-0.2	0.2
BYPWM104	Phase 1	14	68.4	32.2	49.3	26.0	22.3	23.9	0.3	0.0	0.1	-0.1	-4.1	-1.1
BYPWM105	Phase 1	14	74.2	37.4	53.8	31.6	24.5	28.4	0.6	0.0	0.1	-0.4	-4.0	-2.0
BYPWM107	Phase 1	13	75.9	35.8	54.8	22.5	20.5	21.6	0.3	0.0	0.1	-0.1	-1.9	-0.5
BYPWM108	Phase 1	15	60.3	14.9	43.4	27.7	13.5	24.5	9.7	0.0	0.7	0.3	-1.3	-0.5
BYPWM109	Phase 1	15	71.8	39.6	53.1	28.2	23.0	25.8	0.6	0.0	0.1	-1.8	-17.0	-6.0
BYPWM111	Phase 1	14	61.1	27.1	43.9	25.6	21.7	23.5	0.3	0.0	0.1	0.6	-3.1	-0.9
BYPWM201	Phase 1	17	60.6	9.9	44.8	27.9	5.9	22.9	15.5	0.0	1.9	3.5	-1.8	-0.4
BYPWM202	Phase 1	17	56.3	22.6	42.7	20.7	18.4	19.8	0.9	0.0	0.2	0.2	-1.7	-0.4
BYPWM203	Phase 1	14	49.3	29.8	42.3	28.7	24.4	25.8	0.3	0.0	0.1	-0.2	-3.0	-1.3
BYPWM204	Phase 1	14	53.0	30.1	39.0	27.5	21.8	25.0	1.9	0.0	0.3	-0.1	-12.1	-1.9
BYPWM206	Phase 1	14	6.8	0.5	3.1	4.1	1.4	2.8	19.7	14.8	17.3	0.3	-0.1	0.1
BYPWM207	Phase 1	19	65.1	31.9	47.2	21.6	16.5	19.1	2.0	0.0	0.5	0.2	-7.9	-1.5
BYPWM208	Phase 1	17	55.6	34.1	44.5	24.9	19.5	22.2	3.2	0.0	0.7	0.3	-34.8	-11.5
BYPWM210	Phase 1	15	75.0	30.5	47.8	19.8	15.6	16.9	1.5	0.0	0.2	-0.3	-1.8	-0.9
BYPWM211	Phase 1	14	47.4	18.5	35.7	21.9	19.1	20.7	2.0	0.0	0.4	0.1	-1.9	-0.4
BYPWM212	Phase 1	14	61.5	32.7	49.2	30.0	24.1	26.9	1.6	0.0	0.2	-0.6	-11.7	-4.7
BYPW0002	Phase 1	15	72.4	32.4	48.1	26.0	22.8	24.2	0.5	0.0	0.2	1.2	-14.0	-4.2

Table 3.1: Annual average values for: methane (%CH_4 by Vol), carbon dioxide (%CO_2 by Vol), oxygen (%O_2 by Vol) and relative pressure (mbar) for in-waste monitoring carried out on Phase 1 of the Bryn Pica Landfill Site, during Jan 19 – Dec 19.

Asset ID	Location	Count	Methane (CH4)			Carbon Dioxide (CO2)			Oxygen (O2)			Relative Pressure		
			Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
BYPW0003	Phase 2	19	65.9	38.4	51.5	30.8	25.2	27.2	0.5	0.0	0.2	-0.4	-12.3	-2.9
BYPW0004	Phase 2	17	66.7	36.2	47.7	36.7	27.8	33.1	3.8	0.0	0.3	-13.1	-55.3	-33.3
BYPW0005	Phase 2	20	58.7	40.1	52.0	41.7	35.0	38.8	0.7	0.0	0.1	3.9	-11.3	-4.6
BYPW0006	Phase 2	17	57.1	37.1	46.2	38.2	22.5	34.4	1.2	0.0	0.2	-0.5	-11.8	-5.4
BYPW0007	Phase 2	18	57.5	35.2	46.3	43.4	27.8	35.9	5.5	0.0	3.0	0.6	-29.4	-4.0
BYPW0008	Phase 2	19	56.1	24.1	41.0	31.9	24.3	27.6	1.2	0.0	0.2	0.4	-5.4	-2.0
BYPW0009	Phase 2	16	57.6	40.2	48.5	38.8	32.8	36.3	1.3	0.0	0.1	-2.1	-9.9	-6.0
BYPW0011	Phase 2	15	59.8	34.9	48.0	36.9	29.5	35.5	1.8	0.0	0.3	-3.0	-11.0	-5.9
BYPW0501	Phase 2	13	62.9	32.5	50.1	30.2	24.6	27.3	0.2	0.0	0.1	-0.1	-2.4	-1.1
BYPW0502	Phase 2	13	67.7	0.0	37.0	27.4	0.1	17.8	20.5	0.0	6.5	0.6	-6.7	-1.5
BYPW0503	Phase 2	12	67.8	43.4	53.3	28.3	24.4	26.0	0.5	0.0	0.2	-0.5	-10.4	-3.6
BYPW0504	Phase 2	17	64.9	29.6	48.3	30.4	23.8	26.8	0.3	0.0	0.1	0.2	-4.1	-1.2
BYPW0505	Phase 2	16	57.0	30.1	42.4	29.6	24.6	26.2	0.3	0.0	0.1	0.6	-1.8	-0.6
BYPW0515	Phase 2	17	64.0	12.7	47.7	42.8	22.1	37.0	1.5	0.0	0.3	0.7	-1.5	-0.3
BYPW0516	Phase 2	15	60.1	37.5	48.8	42.2	30.5	36.1	1.7	0.0	0.2	-2.6	-21.9	-9.6
BYPW0601	Phase 2	35	63.7	35.3	54.9	40.9	31.1	37.1	0.2	0.0	0.0	-2.9	-53.4	-17.7
BYPW0602	Phase 2	14	68.4	3.0	33.4	30.4	4.2	22.3	18.6	0.0	6.6	50.0	-39.0	-8.6
BYPW0605	Phase 2													
BYPW0606	Phase 2	18	61.4	17.9	46.3	43.5	27.3	36.4	0.9	0.0	0.3	0.4	-2.0	-0.5
BYPW0607	Phase 2	16	58.4	27.6	48.6	40.1	30.1	34.9	0.9	0.0	0.1	0.3	-3.0	-0.9
BYPW0608	Phase 2	19	58.4	0.3	39.2	37.5	2.0	30.3	20.6	0.0	1.7	0.6	-3.6	-0.8
BYPW1203	Phase 2	16	52.8	25.0	40.7	28.8	20.6	24.5	0.4	0.0	0.2	0.4	-2.4	-0.9
BYPW1204	Phase 2	18	74.4	29.4	56.1	28.7	22.5	26.4	3.9	0.0	0.7	-0.1	-6.8	-2.3
BYPW1307	Phase 2	13	53.1	34.6	46.3	37.9	31.5	35.2	2.9	0.0	0.3	-2.9	-37.5	-16.1
BYPW1308	Phase 2	17	58.9	42.2	50.9	41.2	33.1	38.1	0.3	0.0	0.1	-9.0	-55.4	-31.4

Table 3.2: Annual average values for: methane (%CH_4 by Vol), carbon dioxide (%CO_2 by Vol), oxygen (%O_2 by Vol) and relative pressure (mbar) for in-waste monitoring carried out on Phase 2 of the Bryn Pica Landfill Site, during Jan 19 – Dec 19.

Asset ID	Location	Count	Methane (CH4)			Carbon Dioxide (CO2)			Oxygen (O2)			Relative Pressure		
			Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
BYPW0702	Phase 3	0	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!
BYPW0703	Phase 3	14	56.7	41.4	50.5	36.3	30.4	33.1	0.2	0.0	0.0	-0.3	-7.5	-4.4
BYPW0704	Phase 3	15	59.4	8.0	37.5	42.6	5.3	32.0	17.6	0.0	4.3	12.7	-61.3	-18.4
BYPW0705	Phase 3	15	71.1	34.0	57.0	40.9	28.5	33.9	0.3	0.0	0.1	-1.9	-60.2	-22.9
BYPW0706	Phase 3	14	72.4	61.1	67.1	39.6	29.7	31.6	1.0	0.0	0.2	-9.0	-61.9	-36.5
BYPW0707	Phase 3													
BYPW0904	Phase 3													
BYPW1001	Phase 3	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
BYPW1002	Phase 3	19	58.6	19.0	42.4	39.5	24.0	33.9	2.7	0.0	0.2	1.4	-7.2	-1.2
BYPW1003	Phase 3	18	58.5	33.9	44.1	40.4	29.2	32.9	0.8	0.0	0.3	1.1	-6.4	-3.2
BYPW1004	Phase 3	15	56.5	38.7	49.1	43.1	32.8	37.6	0.3	0.0	0.1	3.4	-12.8	-5.8
BYPW1005	Phase 3	18	61.9	1.8	53.1	45.5	3.7	39.2	19.2	0.0	1.6	30.5	-57.1	-29.9
BYPW1006	Phase 3	13	52.4	41.4	47.2	36.2	31.6	34.0	0.2	0.0	0.0	-14.5	-43.7	-31.2
BYPW1101	Phase 3	17	77.8	9.4	59.9	35.2	8.3	27.3	18.8	0.0	1.6	1.1	-12.2	-1.9
BYPW1102	Phase 3	16	58.6	34.6	48.7	41.2	29.9	36.9	2.3	0.0	0.2	-8.4	-60.0	-34.6
BYPW1103	Phase 3													
BYPWM101	Phase 3													
BYPZ0001	Phase 3	12	55.9	40.6	47.9	25.1	21.8	23.7	0.3	0.0	0.1	-0.2	-2.6	-0.8
BYPW1201	Phase 3	13	59.3	51.5	55.4	46.2	43.8	44.6	0.3	0.0	0.0	-15.4	-61.6	-38.9
BYPW1202	Phase 3	17	54.5	40.1	51.0	44.6	37.5	40.3	0.2	0.0	0.0	3.2	-16.9	-7.1
BYPW1301	Phase 3	13	65.1	55.4	59.6	43.0	38.9	40.5	0.2	0.0	0.1	-15.0	-56.8	-38.7
BYPW1302	Phase 3	18	74.8	6.8	53.3	40.0	4.8	31.2	18.6	0.0	1.8	14.7	-42.4	-12.3
BYPW1309	Phase 3	14	69.3	40.7	63.7	35.5	31.1	33.8	0.3	0.0	0.1	-15.4	-61.5	-38.3

Table 3.3: Annual average values for: methane (%CH_4 by Vol), carbon dioxide (%CO_2 by Vol), oxygen (%O_2 by Vol) and relative pressure (mbar) for in-waste monitoring carried out on Phase 3 of the Bryn Pica Landfill Site, during Jan 19 – Dec 19.

Asset ID	Location	Count	Methane (CH4)			Carbon Dioxide (CO2)			Oxygen (O2)			Relative Pressure		
			Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
BYPW1205	Phase 4													
BYPW1206	Phase 4													
BYPW1207	Phase 4													
BYPW1303	Phase 4	14	55.1	41.4	48.8	45.8	33.6	37.6	0.3	0.0	0.1	0.1	-21.1	-11.1
BYPW1305	Phase 4	14	53.4	43.4	48.3	38.0	34.0	36.2	0.3	0.0	0.1	-2.3	-23.7	-15.5
BYPW1306	Phase 4													
BYPW1310	Phase 4	12	60.0	51.3	56.7	43.4	39.4	42.0	1.3	0.0	0.4	-16.4	-65.7	-38.8
BYPW1501	Phase 4	16	70.3	0.6	45.2	33.6	3.2	24.9	20.3	0.2	4.9	83.1	-54.3	-7.4
BYPW1502	Phase 4	13	59.9	53.8	57.1	43.2	38.1	41.8	0.7	0.0	0.3	-17.6	-54.7	-37.3
BYPW1503	Phase 4	12	60.1	46.2	53.2	40.2	35.0	37.9	0.4	0.0	0.1	-17.4	-54.9	-36.8
BYPW1504	Phase 4	15	59.5	32.5	50.4	43.7	31.0	39.1	2.7	0.0	0.3	-1.7	-45.7	-25.2
BYPW1505	Phase 4													

Table 3.4: Annual average values for: methane (%CH_4 by Vol), carbon dioxide (%CO_2 by Vol), oxygen (%O_2 by Vol) and relative pressure (mbar) for in-waste monitoring carried out on Phase 4 of the Bryn Pica Landfill Site, during Jan 19 – Dec 19.

Discussion

Raw landfill gas monitoring results, taken from within the landfill waste, during the period Jan 19 – Dec 19, illustrate a good level of extraction and gas control. This is supported by the absence of any prolonged build up of landfill gas (i.e. positive landfill gas pressures) and low concentrations of Oxygen in the majority of gas wells sampled at the site.

Phase 1

Waste disposal within the Phase 1 area of the landfill was undertaken during the period 1992 – 2001 and therefore waste contained within will be between 18 and 27 years old. Gas yields over the Phase 1 area are shown to be generally lower than subsequent phases of the landfill. This is illustrated by the lower concentration of methane (CH^4) recorded over the previous 12 months. Of a total of 20 wells located within Phase 1, only 1 well (BYPWM206) illustrated average CH_4 values of less than 32.0% by Vol.

Phase 2

Waste disposal within the Phase 2 area of the landfill was undertaken during the period 2001 – 2006 and therefore waste contained within will be between 13 and 18 years old. The majority of extraction wells located over the Phase 2 landfill area illustrate CH_4 concentrations in the range 40 – 50% by vol. Monitoring results indicate that a single gas well (out of a total of 24 located within the Phase 2 landfill area) illustrated average CH_4 concentration of less than 35.0% by Vol. The number of wells displaying average CH_4 concentration in the range 40% - 55% by Vol, throughout 2015 is recorded as being 23 (i.e. 88%).

Phase 3

Waste disposal within the Phase 3 area of the landfill was undertaken during the period 2007 – 2011 and therefore waste contained within will be between 8 and 12 years old. The majority of extraction wells located within Phase 3 illustrates CH_4 concentration greater than 45% CH_4 by vol. Of the 18 gas wells currently operational in the Phase 3 landfill cell, 4 installations (BYPW0703, BYPW1004, BYPW1006 and BYPW1301) illustrate average Oxygen concentrations above 1.0% O2 by Vol.

Monitoring results would tend to indicate that gas wells located in the Phase 3 area continue to have a high level of gas production with high average methane concentrations (i.e. in the range 50 – 60 % CH_4 by vol). The number of wells displaying average concentrations of methane in the range 40% - 60 % by Vol is recorded as being 17 (i.e. 94 % of those monitored throughout 2019). A consistent level of negative pressure (extraction) has been maintained across this area over the previous 12 months. This ensures that the potential for surface emissions remains low.

Phase 4a

Landfill disposal operation within Phase 4 of the Bryn Pica facility are split into 2 cells, Phase 4a (completed) and the currently operational Phase 4b. Gas extraction infrastructure is continually extending in this area of the landfill; however at the time of writing, Phase 4 has 7 active landfill gas extraction wells. Monitoring of these installations over the previous 12 months have indicated a good degree of operational control. This is supported by the observation that Oxygen percentages on the whole are very low (with the exception of gas well

BYPW1501) averaging less than 1%. In addition to this, Methane (CH_4) percentages are within the range 45% - 60% (by Vol).

3.2 Landfill Gas Compound - Bulk Gas Monitoring

Landfill Gas extracted from the Bryn Pica site is piped to the Landfill Gas Compound for safe processing and disposal. The resulting combination of gas (bulk gas) is monitored continuously by the gas analysers present on the flare and engine. In addition to this gas quality is checked weekly using a hand held analyser. Table 3.5 (below) presents a comparison of monitoring results recorded at the landfill gas compound in 2017, 2018 and 2019.

Table 3.5: Comparison of gas monitoring results recorded at the Bryn Pica landfill gas compound in 2017, 2018 and 2019.

		Flare 2017	Flare 2018	Flare 2019
Methane (%CH4)	Ave	47.4	49.1	47.2
	Max	53.6	56.7	57.5
	Min	33.3	49.1	40.6
Carbon Dioxide (%CO2)	Ave	35.4	36.0	35.2
	Max	39.5	39.2	39.0
	Min	26.2	32.1	31.0
Oxygen (%O2)	Ave	0.7	0.3	0.7
	Max	5.4	0.8	2.8
	Min	0.1	0.2	0.0
Pressure (mbar)	Ave	-41.5	-32.2	-41.0
	Max	-77.1	-90.5	-72.2
	Min	-21.43	-11.5	-12.0
Gas Flow (m3/hr)	Ave	620	592	585
	Max	850	700	710
	Mix	450	0	400

Discussion

Monitoring of gas flow rates indicate that the total volume of landfill gas processed at Bryn Pica throughout 2019 decreased only very slightly when compared with 2018. The average volume of gas extracted from the whole site in 2019 was calculated as being 585 cubic meters per hour. This is a circa 1% decrease when compared to the 12 month period Jan-18 to Dec-18.

Monitoring records show the average methane (CH_4) concentration in 2019 was 47.2% by Vol, with low average Oxygen concentrations of 0.7% by Vol. These results provide an indication that the level of gas extraction at the site has been well controlled and that the gas management system has been operated in a proficient manner throughout the reporting period.

3.3 Sub-Surface Landfill Gas Monitoring

Amgen Cymru currently has 15 ground monitoring installations for the purpose of detecting potential migration of landfill gas from the base of the landfill into the surrounding ground strata. The location of these installations is shown on Drawing No. AC2020/ENV/02/02.

Table 4.1 (Appendix B) provides a summary of the results of monthly landfill gas monitoring carried out at the Bryn Pica site by Amgen staff using a GA5000 Landfill Gas Analyser (Geotechnical Instruments, UK).

It has previously been noted that the Bryn Pica Landfill has two areas of subsurface landfill gas migration. A small degree of migration is noted on the south western margin of the phase 1 landfill, near to the location of gas wells BYPP1203 and 1204. This is reasonably limited in nature and due to the lack of any potential receptors near to this locality it is not considered to be of concern.

Ground monitoring boreholes located around the northern margin of the 'unlined' Phase 1 landfill continue to illustrate sub surface landfill gas migration of a notable extent. Elevated levels of methane (i.e. above the site specific trigger level of 1.0 % by Vol) were recorded on several occasions throughout 2018 and this has continued through 2019. These were typically accompanied by reduced levels of oxygen in ground gas (i.e. < 18% by Vol).

Area to the North of Phase 1

GMBH06-02

During the period Jan-19 to Dec-19, monitoring undertaken at GMBH06-02 illustrated an average of Methane (CH_4) concentration of 8.5 % CH_4 by Vol. This is a slight decrease when compared to the average value calculated for the period Jan-18 to Dec-18 (recorded as being 15.0 % CH_4 by Vol).

GMBH 08-01

Ground monitoring installation GMBH 08-01 was installed in 2008 as part of works to further investigate the extent of sub-surface gas migration around the area immediately North of the Phase 1 Landfill at Bryn Pica.

GMBH 08-01 was adopted as an external gas extraction well in Mar-09. Prior to this time monitoring results had shown consistently high levels of Methane, typically in the range 40% - 60% CH_4 by Vol. The exertion of negative pressure on this well (from the site's landfill gas management system) was expected to intercept gas thought to be migrating in a northerly direction from the unlined phase 1 landfill.

Throughout 2019 monitoring results from GMBH 08-01 indicate that positive gas pressure have not been allowed to persist within the sub-soil gas environment. This would tend to suggest there is low risk of extensive lateral migration within this area of the site.

GMBH 09-01

Ground monitoring borehole GMBH 09-01 is located at NGR 300920 205218, a few meters (less than 5m) from the edge of the Phase 1 landfill in the direction of the Recycling Facility.

Monitoring of gas levels within this installation throughout 2018 recorded methane concentrations in the range 0.0% - 3.7 % CH_4 by Vol, with an average concentration of 0.4 % CH_4 by Vol. During the 12 month period now under consideration (i.e. Jan-19 to Dec-19), the level of landfill gas observed within this installation has decreased. Monitoring results from 2019 indicate a narrower range in Methane concentrations (0.0 – 0.1% CH_4 by Vol), with an annual average 0.0% % CH_4 by Vol.

GMBH 12-01

Ground monitoring borehole GMBH12-01 is located approximately 10 m away from the North boundary of the Phase 1 Landfill in the direction of the Recycling Centre.

The average CH_4 concentration calculated for GMBH12-01 during the period Jan-19 to Dec-19 is shown to be 0.1% CH_4 by Vol. This demonstrates a slight reduction in gas migration away from Phase 1 in this direction when compared to the average value reported in 2018 (0.2 % CH_4 by Vol).

Area to the South West of Phase 1

GMBH06-06

Monthly analysis of Soil Gas sampled in GMBH06-06 has illustrated elevated levels of methane and carbon dioxide as well reduced oxygen concentrations. During the period Jan-19 to Dec-19, the average methane concentration recorded was 9.7 CH4 by Vol. With average values of carbon dioxide over the same period of 6.7% CO2 by Vol and average oxygen value of 14.7% O2 by Vol.

This is a likely indication of landfill gas migration from the unlined Phase 1 area in a south westerly direction towards the location of GMBH06-06. This monitoring installation is located less than 10 m west of the Phase 1 landfill area and is shown from the drillers log to be situated in Opencast Backfill for its entire 10 m depth.

Results of monitoring of the surrounding installations GMBH6-07 and GMBH07-05 have not indicated the presence of landfill gas at levels significantly above background. It is therefore considered that any potential landfill gas migration in this direction is limited.

The landfill gas risk assessment for the Bryn Pica Landfill Site has not indicated any potential receptors to landfill gas migration in a westerly direction from the location of gas monitoring borehole GMBH06-06 (not identified with 750m). Furthermore, a significant height different exists between the site and the nearest receptor and in this respect the potential risk associated with the subsurface landfill gas migration in this direction is considered to be very low.

It was previously reported that, 2 additional gas extraction wells (ref ID: BYPW1203 and BYPW1204) were installed within the landfill near to the location of the ground monitoring installation GMBH06-06 (installed in Sept-12). These

gas wells were specifically aimed at reducing the levels of landfill gas observed in the external gas monitoring borehole GMBH 06-06.

Monitoring results provided by the Landfill Gas Operator (Infinis Ltd.) for the period Jan-19 to Dec-19 indicate that these wells have been kept under slight extraction (i.e. suction). The average extraction pressure for the referenced monitoring period was calculated as follows:

- BYPW1203 average pressure during 2013 = -0.9 mbar
- BYPW1204 average pressure during 2013 = -2.3 mbar

4. SUMMARY / RECOMMENDATIONS

4.1 Amgen Cymru and its nominated landfill gas contractor (Infinis) have carried out landfill gas monitoring as required by the Bryn Pica Landfill Site Environmental Permit during 2019 (No. DP3732SQ).

4.2 Infinis has undertaken monthly monitoring of 71 gas extraction wells located in Phases 1, 2, 3 and 4 of the Bryn Pica Landfill Site. Raw landfill gas monitoring results, taken from within the landfill waste illustrate a good level of gas extraction and control. This is illustrated in the absence of any prolonged build up of landfill gas (i.e. positive landfill gas pressures) along with low concentrations of Oxygen in the majority of gas wells sampled at the site.

4.3 Amgen Cymru has undertaken monthly landfill gas monitoring of 18 ground monitoring installations located around the Bryn Pica Landfill Site. It has previously been noted that the Bryn Pica Landfill has two areas of subsurface landfill gas migration. A small degree of migration is noted on the south western margin of the phase 1 landfill, near to the location of ground monitoring installation GMBH06-06. This is reasonably limited in nature and due to the lack of any potential receptors near to this locality it is not considered to be of concern.

4.4 Ground monitoring boreholes located around the northern margin of the ‘unlined’ Phase 1 landfill continue to illustrate sub surface landfill gas migration of a notable extent. Elevated levels of methane (i.e. above the site specific trigger level of 1.0 % by Vol) were recorded on several occasions throughout 2019. These were typically accompanied by reduced levels of oxygen in ground gas samples (i.e. < 18% by Vol).

4.5 Results of sub-surface gas monitoring should continue to be reviewed monthly by the operator to guard against any potential reverse in trend identified above.

APPENDIX A

Drawings

AC2020/ENV/01/01 – Location Plan
AC2020/ENV/02/02 – Landfill Gas System Infrastructure

APPENDIX B

Tables Not In Text

Table 4.1 - Statistical summary of Sub Surface Landfill Gas monitoring carried out at the Bryn Pica Landfill during the period Jan 19 – Dec 19.

APPENDIX C

Raw Landfill Gas Monitoring Data (PDF Version Only)

Asset ID	Location	Count	Methane (CH4)			Carbon Dioxide (CO2)			Oxygen (O2)			Relative Pressure		
			Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
BYPWM101	Phase 1	12	55.9	40.6	47.9	25.1	21.8	23.7	0.3	0.0	0.1	-0.2	-2.6	-0.8
BYPWM102	Phase 1	12	58.1	44.4	49.7	28.4	25.5	26.9	0.5	0.0	0.2	-0.3	-2.4	-0.9
BYPWM103	Phase 1	13	50.1	26.2	35.2	20.1	16.0	18.1	1.8	0.0	0.2	1.1	-0.2	0.2
BYPWM104	Phase 1	14	68.4	32.2	49.3	26.0	22.3	23.9	0.3	0.0	0.1	-0.1	-4.1	-1.1
BYPWM105	Phase 1	14	74.2	37.4	53.8	31.6	24.5	28.4	0.6	0.0	0.1	-0.4	-4.0	-2.0
BYPWM107	Phase 1	13	75.9	35.8	54.8	22.5	20.5	21.6	0.3	0.0	0.1	-0.1	-1.9	-0.5
BYPWM108	Phase 1	15	60.3	14.9	43.4	27.7	13.5	24.5	9.7	0.0	0.7	0.3	-1.3	-0.5
BYPWM109	Phase 1	15	71.8	39.6	53.1	28.2	23.0	25.8	0.6	0.0	0.1	-1.8	-17.0	-6.0
BYPWM111	Phase 1	14	61.1	27.1	43.9	25.6	21.7	23.5	0.3	0.0	0.1	0.6	-3.1	-0.9
BYPWM201	Phase 1	17	60.6	9.9	44.8	27.9	5.9	22.9	15.5	0.0	1.9	3.5	-1.8	-0.4
BYPWM202	Phase 1	17	56.3	22.6	42.7	20.7	18.4	19.8	0.9	0.0	0.2	0.2	-1.7	-0.4
BYPWM203	Phase 1	14	49.3	29.8	42.3	28.7	24.4	25.8	0.3	0.0	0.1	-0.2	-3.0	-1.3
BYPWM204	Phase 1	14	53.0	30.1	39.0	27.5	21.8	25.0	1.9	0.0	0.3	-0.1	-12.1	-1.9
BYPWM206	Phase 1	14	6.8	0.5	3.1	4.1	1.4	2.8	19.7	14.8	17.3	0.3	-0.1	0.1
BYPWM207	Phase 1	19	65.1	31.9	47.2	21.6	16.5	19.1	2.0	0.0	0.5	0.2	-7.9	-1.5
BYPWM208	Phase 1	17	55.6	34.1	44.5	24.9	19.5	22.2	3.2	0.0	0.7	0.3	-34.8	-11.5
BYPWM210	Phase 1	15	75.0	30.5	47.8	19.8	15.6	16.9	1.5	0.0	0.2	-0.3	-1.8	-0.9
BYPWM211	Phase 1	14	47.4	18.5	35.7	21.9	19.1	20.7	2.0	0.0	0.4	0.1	-1.9	-0.4
BYPWM212	Phase 1	14	61.5	32.7	49.2	30.0	24.1	26.9	1.6	0.0	0.2	-0.6	-11.7	-4.7
BYPW0002	Phase 1	15	72.4	32.4	48.1	26.0	22.8	24.2	0.5	0.0	0.2	1.2	-14.0	-4.2

Cells used to reference worksheet location in VLOOKUP Formula

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WM212	!B1	:Z500	WM212!B1:Z500	WM212!B1:Z500
WM0002	!B1	:Z500	WM0002!B1:Z500	WM0002!B1:Z500

			Methane (CH4)			Carbon Dioxide (CO2)			Oxygen (O2)			Relative Pressure		
Asset ID	Location	Count	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
BYPW0003	Phase 2	19	65.9	38.4	51.5	30.8	25.2	27.2	0.5	0.0	0.2	-0.4	-12.3	-2.9
BYPW0004	Phase 2	17	66.7	36.2	47.7	36.7	27.8	33.1	3.8	0.0	0.3	-13.1	-55.3	-33.3
BYPW0005	Phase 2	20	58.7	40.1	52.0	41.7	35.0	38.8	0.7	0.0	0.1	3.9	-11.3	-4.6
BYPW0006	Phase 2	17	57.1	37.1	46.2	38.2	22.5	34.4	1.2	0.0	0.2	-0.5	-11.8	-5.4
BYPW0007	Phase 2	18	57.5	35.2	46.3	43.4	27.8	35.9	5.5	0.0	3.0	0.6	-29.4	-4.0
BYPW0008	Phase 2	19	56.1	24.1	41.0	31.9	24.3	27.6	1.2	0.0	0.2	0.4	-5.4	-2.0
BYPW0009	Phase 2	16	57.6	40.2	48.5	38.8	32.8	36.3	1.3	0.0	0.1	-2.1	-9.9	-6.0
BYPW0011	Phase 2	15	59.8	34.9	48.0	36.9	29.5	35.5	1.8	0.0	0.3	-3.0	-11.0	-5.9
BYPW0501	Phase 2	13	62.9	32.5	50.1	30.2	24.6	27.3	0.2	0.0	0.1	-0.1	-2.4	-1.1
BYPW0502	Phase 2	13	67.7	0.0	37.0	27.4	0.1	17.8	20.5	0.0	6.5	0.6	-6.7	-1.5
BYPW0503	Phase 2	12	67.8	43.4	53.3	28.3	24.4	26.0	0.5	0.0	0.2	-0.5	-10.4	-3.6
BYPW0504	Phase 2	17	64.9	29.6	48.3	30.4	23.8	26.8	0.3	0.0	0.1	0.2	-4.1	-1.2
BYPW0505	Phase 2	16	57.0	30.1	42.4	29.6	24.6	26.2	0.3	0.0	0.1	0.6	-1.8	-0.6
BYPW0515	Phase 2	17	64.0	12.7	47.7	42.8	22.1	37.0	1.5	0.0	0.3	0.7	-1.5	-0.3
BYPW0516	Phase 2	15	60.1	37.5	48.8	42.2	30.5	36.1	1.7	0.0	0.2	-2.6	-21.9	-9.6
BYPW0601	Phase 2	35	63.7	35.3	54.9	40.9	31.1	37.1	0.2	0.0	0.0	-2.9	-53.4	-17.7
BYPW0602	Phase 2	14	68.4	3.0	33.4	30.4	4.2	22.3	18.6	0.0	6.6	50.0	-39.0	-8.6
BYPW0605	Phase 2	0	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!
BYPW0606	Phase 2	18	61.4	17.9	46.3	43.5	27.3	36.4	0.9	0.0	0.3	0.4	-2.0	-0.5
BYPW0607	Phase 2	16	58.4	27.6	48.6	40.1	30.1	34.9	0.9	0.0	0.1	0.3	-3.0	-0.9
BYPW0608	Phase 2	19	58.4	0.3	39.2	37.5	2.0	30.3	20.6	0.0	1.7	0.6	-3.6	-0.8
BYPW1203	Phase 2	16	52.8	25.0	40.7	28.8	20.6	24.5	0.4	0.0	0.2	0.4	-2.4	-0.9
BYPW1204	Phase 2	18	74.4	29.4	56.1	28.7	22.5	26.4	3.9	0.0	0.7	-0.1	-6.8	-2.3
BYPW1307	Phase 2	13	53.1	34.6	46.3	37.9	31.5	35.2	2.9	0.0	0.3	-2.9	-37.5	-16.1
BYPW1308	Phase 2	17	58.9	42.2	50.9	41.2	33.1	38.1	0.3	0.0	0.1	-9.0	-55.4	-31.4

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PW0516	!B1	:Z500	PW0516!B1:Z500	PW0516!B1:Z500
PW0601	!B1	:Z500	PW0601!B1:Z500	PW0601!B1:Z500
PW0602	!B1	:Z500	PW0602!B1:Z500	PW0602!B1:Z500
PW0605	!B1	:Z500	PW0605!B1:Z500	PW0605!B1:Z500
PW0606	!B1	:Z500	PW0606!B1:Z500	PW0606!B1:Z500
PW0607	!B1	:Z500	PW0607!B1:Z500	PW0607!B1:Z500
PW0608	!B1	:Z500	PW0608!B1:Z500	PW0608!B1:Z500
PW1203	!B1	:Z500	PW1203!B1:Z500	PW1203!B1:Z500
PW1204	!B1	:Z500	PW1204!B1:Z500	PW1204!B1:Z500
PW1307	!B1	:Z500	PW1307!B1:Z500	PW1307!B1:Z500
PW1308	!B1	:Z500	PW1308!B1:Z500	PW1308!B1:Z500

Asset ID	Location	Count	Methane (CH4)			Carbon Dioxide (CO2)			Oxygen (O2)			Relative Pressure		
			Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
BYPW0701	Phase 3	0	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!
BYPW0702	Phase 3	14	56.7	41.4	50.5	36.3	30.4	33.1	0.2	0.0	0.0	-0.3	-7.5	-4.4
BYPW0703	Phase 3	15	59.4	8.0	37.5	42.6	5.3	32.0	17.6	0.0	4.3	12.7	-61.3	-18.4
BYPW0704	Phase 3	15	71.1	34.0	57.0	40.9	28.5	33.9	0.3	0.0	0.1	-1.9	-60.2	-22.9
BYPW0705	Phase 3	14	72.4	61.1	67.1	39.6	29.7	31.6	1.0	0.0	0.2	-9.0	-61.9	-36.5
BYPW0706	Phase 3	0	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!
BYPW0707	Phase 3	0	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!
BYPW0904	Phase 3	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
BYPW1001	Phase 3	19	58.6	19.0	42.4	39.5	24.0	33.9	2.7	0.0	0.2	1.4	-7.2	-1.2
BYPW1002	Phase 3	18	58.5	33.9	44.1	40.4	29.2	32.9	0.8	0.0	0.3	1.1	-6.4	-3.2
BYPW1003	Phase 3	15	56.5	38.7	49.1	43.1	32.8	37.6	0.3	0.0	0.1	3.4	-12.8	-5.8
BYPW1004	Phase 3	18	61.9	1.8	53.1	45.5	3.7	39.2	19.2	0.0	1.6	30.5	-57.1	-29.9
BYPW1005	Phase 3	13	52.4	41.4	47.2	36.2	31.6	34.0	0.2	0.0	0.0	-14.5	-43.7	-31.2
BYPW1006	Phase 3	17	77.8	9.4	59.9	35.2	8.3	27.3	18.8	0.0	1.6	1.1	-12.2	-1.9
BYPW1101	Phase 3	16	58.6	34.6	48.7	41.2	29.9	36.9	2.3	0.0	0.2	-8.4	-60.0	-34.6
BYPW1102	Phase 3	0	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!
BYPW1103	Phase 3	0	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!
BYPWM101	Phase 3	12	55.9	40.6	47.9	25.1	21.8	23.7	0.3	0.0	0.1	-0.2	-2.6	-0.8
BYPZ0001	Phase 3	13	59.3	51.5	55.4	46.2	43.8	44.6	0.3	0.0	0.0	-15.4	-61.6	-38.9
BYPW1201	Phase 3	17	54.5	40.1	51.0	44.6	37.5	40.3	0.2	0.0	0.0	3.2	-16.9	-7.1
BYPW1202	Phase 3	13	65.1	55.4	59.6	43.0	38.9	40.5	0.2	0.0	0.1	-15.0	-56.8	-38.7
BYPW1301	Phase 3	18	74.8	6.8	53.3	40.0	4.8	31.2	18.6	0.0	1.8	14.7	-42.4	-12.3
BYPW1302	Phase 3	14	69.3	40.7	63.7	35.5	31.1	33.8	0.3	0.0	0.1	-15.4	-61.5	-38.3
BYPW1309	Phase 3	16	61.0	38.4	51.7	40.2	29.7	35.6	0.3	0.0	0.0	-6.7	-47.3	-29.1

Cells used to reference worksheet location in VLOOKUP Formula

Value in column V has been turned into string as INDIRECT Function would not relate from column U (i.e. the CONCATENATation)

PW0701	!B1	:Z500	PW0701!B1:Z500	PW0701!B1:Z500
PW0702	!B1	:Z500	PW0702!B1:Z500	PW0702!B1:Z500
PW0703	!B1	:Z500	PW0703!B1:Z500	PW0703!B1:Z500
PW0704	!B1	:Z500	PW0704!B1:Z500	PW0704!B1:Z500
PW0705	!B1	:Z500	PW0705!B1:Z500	PW0705!B1:Z500
PW0706	!B1	:Z500	PW0706!B1:Z500	PW0706!B1:Z500
PW0707	!B1	:Z500	PW0707!B1:Z500	PW0707!B1:Z500
PW0904	!B1	:Z500	PW0904!B1:Z500	PW0904!B1:Z500
PW1001	!B1	:Z500	PW1001!B1:Z500	PW1001!B1:Z500
PW1002	!B1	:Z500	PW1002!B1:Z500	PW1002!B1:Z500
PW1003	!B1	:Z500	PW1003!B1:Z500	PW1003!B1:Z500
PW1004	!B1	:Z500	PW1004!B1:Z500	PW1004!B1:Z500
PW1005	!B1	:Z500	PW1005!B1:Z500	PW1005!B1:Z500
PW1006	!B1	:Z500	PW1006!B1:Z500	PW1006!B1:Z500
PW1101	!B1	:Z500	PW1101!B1:Z500	PW1101!B1:Z500
PW1102	!B1	:Z500	PW1102!B1:Z500	PW1102!B1:Z500
PW1103	!B1	:Z500	PW1103!B1:Z500	PW1103!B1:Z500
PWM101	!B1	:Z500	PWM101!B1:Z500	PWM101!B1:Z500
BYPZ001	!B1	:Z500	BYPZ001!B1:Z500	BYPZ001!B1:Z500
PW1201	!B1	:Z500	PW1201!B1:Z500	PW1201!B1:Z500
PW1202	!B1	:Z500	PW1202!B1:Z500	PW1202!B1:Z500
PW1301	!B1	:Z500	PW1301!B1:Z500	PW1301!B1:Z500
PW1302	!B1	:Z500	PW1302!B1:Z500	PW1302!B1:Z500
PW1309	!B1	:Z500	PW1309!B1:Z500	PW1309!B1:Z500

Asset ID	Location	Count	Methane (CH4)			Carbon Dioxide (CO2)			Oxygen (O2)			Relative Pressure		
			Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
BYPW1205	Phase 4	0	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!
BYPW1206	Phase 4	0	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!
BYPW1207	Phase 4	0	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!
BYPW1303	Phase 4	14	55.1	41.4	48.8	45.8	33.6	37.6	0.3	0.0	0.1	0.1	-21.1	-11.1
BYPW1305	Phase 4	14	53.4	43.4	48.3	38.0	34.0	36.2	0.3	0.0	0.1	-2.3	-23.7	-15.5
BYPW1306	Phase 4	0	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!
BYPW1310	Phase 4	12	60.0	51.3	56.7	43.4	39.4	42.0	1.3	0.0	0.4	-16.4	-65.7	-38.8
BYPW1501	Phase 4	16	70.3	0.6	45.2	33.6	3.2	24.9	20.3	0.2	4.9	83.1	-54.3	-7.4
BYPW1502	Phase 4	13	59.9	53.8	57.1	43.2	38.1	41.8	0.7	0.0	0.3	-17.6	-54.7	-37.3
BYPW1503	Phase 4	12	60.1	46.2	53.2	40.2	35.0	37.9	0.4	0.0	0.1	-17.4	-54.9	-36.8
BYPW1504	Phase 4	15	59.5	32.5	50.4	43.7	31.0	39.1	2.7	0.0	0.3	-1.7	-45.7	-25.2
BYPW1505	Phase 4	0	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!	0.0	0.0	#DIV/0!

Cells used to reference worksheet location in VLOOKUP Formula

Value in column V has been turned into string as INDIRECT Function would not relate from column U (i.e. the CONCATENATation)

PW1205	!B1	:Z500	PW1205!B1:Z500	PW1205!B1:Z500
PW1206	!B1	:Z500	PW1206!B1:Z500	PW1206!B1:Z500
PW1207	!B1	:Z500	PW1207!B1:Z500	PW1207!B1:Z500
PW1303	!B1	:Z500	PW1303!B1:Z500	PW1303!B1:Z500
PW1305	!B1	:Z500	PW1305!B1:Z500	PW1305!B1:Z500
PW1306	!B1	:Z500	PW1306!B1:Z500	PW1306!B1:Z500
PW1310	!B1	:Z500	PW1310!B1:Z500	PW1310!B1:Z500
PW1501	!B1	:Z500	PW1501!B1:Z500	PW1501!B1:Z500
PW1502	!B1	:Z500	PW1502!B1:Z500	PW1502!B1:Z500
PW1503	!B1	:Z500	PW1503!B1:Z500	PW1503!B1:Z500
PW1504	!B1	:Z500	PW1504!B1:Z500	PW1504!B1:Z500
PW1505	!B1	:Z500	PW1505!B1:Z500	PW1505!B1:Z500

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m	Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
BYPWM101	1/11/2019 12:06	49.7	21.8	0.3	28.2	-0.22	997	<NO VALU	<NO VALU	1	0	LOW	27.07	2.28	71.5	10	10	1. OK	<NO VALU	<NO VALU	-
BYPWM101	2/8/2019 13:14	42.6	24.4	0.3	32.7	-2.57	957	<NO VALU	<NO VALU	1	0	LOW	31.57	1.75	67	10	5	1. OK	<NO VALU	<NO VALU	-
BYPWM101	3/13/2019 8:16	40.6	24.6	0	34.8	-0.48	974	<NO VALU	<NO VALU	1	0	LOW	34.8	1.65	65.2	5	5	1. OK	<NO VALU	<NO VALU	-
BYPWM101	4/9/2019 14:07	53.1	22.4	0	24.5	-0.53	981	<NO VALU	<NO VALU	1	0	LOW	24.5	2.37	75.5	5	10	1. OK	<NO VALU	<NO VALU	-
BYPWM101	5/10/2019 8:05	55.9	24.6	0	19.5	-0.48	974	<NO VALU	<NO VALU	2	0	LOW	19.5	2.27	80.5	10	10	1. OK	<NO VALU	<NO VALU	-
BYPWM101	6/5/2019 11:18	53.4	23.3	0	23.3	-0.43	971	<NO VALU	<NO VALU	0	0	LOW	23.3	2.29	76.7	10	20	1. OK	<NO VALU	<NO VALU	-
BYPWM101	7/9/2019 10:12	45.7	23.8	0.2	30.3	-0.31	988	<NO VALU	<NO VALU	0	34	LOW	29.55	1.92	69.5	20	20	1. OK	<NO VALU	<NO VALU	-
BYPWM101	8/9/2019 11:55	44.2	23	0	32.8	-1.89	964	<NO VALU	<NO VALU	3	2	LOW	32.8	1.92	67.2	20	20	1. OK	<NO VALU	<NO VALU	-
BYPWM101	9/6/2019 9:52	43.6	24.2	0	32.2	-0.86	989	<NO VALU	<NO VALU	0	0	LOW	32.2	1.8	67.8	20	20	1. OK	<NO VALU	<NO VALU	-
BYPWM101	10/1/2019 8:12	45.6	23	0.2	31.2	-0.58	963	<NO VALU	<NO VALU	0	0	LOW	30.45	1.98	68.6	20	20	1. OK	<NO VALU	<NO VALU	-
BYPWM101	11/7/2019 13:39	52.7	24	0.2	23.1	-0.73	960	<NO VALU	<NO VALU	8	55	LOW	22.35	2.2	76.7	20	20	1. OK	<NO VALU	<NO VALU	-
BYPWM101	12/20/2019 11:52	47.4	25.1	0	27.5	-0.21	947	<NO VALU	<NO VALU	1	0	LOW	27.5	1.89	72.5	20	20	1. OK	<NO VALU	<NO VALU	-
	Count	12	12	12	12	12	12	0	0	12	12	0	12	12	12	12	12	0	0	0	
	Max	55.9	25.1	0.3	34.8	-0.21	997	0	0	8	55	0	34.8	2.37	80.5	20	20	0	0	0	
	Min	40.6	21.8	0	19.5	-2.57	947	0	0	0	0	0	19.5	1.65	65.2	5	5	0	0	0	
	Ave	47.875	23.68333	0.1	28.34167	-0.774167	972.0833	#DIV/0!	#DIV/0!	1.5	7.583333	#DIV/0!	27.96583	2.026667	71.55833	14.16667	15	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m	Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
BYPWM102	1/11/2019 12:03	46.2	25.5	0.3	28	-0.29	996	<NO VALU	<NO VALU	3	0	LOW	26.87	1.81	71.7	10	10	1. OK	<NO VALU	<NO VALU	300878.6	205119.2
BYPWM102	2/8/2019 13:11	44.4	27	0.4	28.2	-2.36	957	<NO VALU	<NO VALU	2	0	LOW	26.7	1.64	71.4	10	10	1. OK	<NO VALU	<NO VALU	300878.6	205119.2
BYPWM102	3/13/2019 8:14	46.4	26.3	0.3	27	-0.6	974	<NO VALU	<NO VALU	3	0	LOW	25.87	1.76	72.7	10	10	1. OK	<NO VALU	<NO VALU	300878.6	205119.2
BYPWM102	4/9/2019 14:05	47.9	25.7	0	26.4	-2.14	980	<NO VALU	<NO VALU	2	0	LOW	26.4	1.86	73.6	10	10	1. OK	<NO VALU	<NO VALU	300878.6	205119.2
BYPWM102	5/10/2019 8:02	57.2	27.4	0	15.4	-0.39	974	<NO VALU	<NO VALU	2	1	LOW	15.4	2.09	84.6	10	10	1. OK	<NO VALU	<NO VALU	300878.6	205119.2
BYPWM102	6/5/2019 11:15	58.1	25.7	0	16.2	-0.46	971	<NO VALU	<NO VALU	3	0	LOW	16.2	2.26	83.8	10	30	1. OK	<NO VALU	<NO VALU	300878.6	205119.2
BYPWM102	7/9/2019 10:09	49.4	26.5	0.5	23.6	-0.28	988	<NO VALU	<NO VALU	2	16	LOW	21.72	1.86	75.9	30	30	1. OK	<NO VALU	<NO VALU	300878.6	205119.2
BYPWM102	8/9/2019 11:52	51	27.2	0	21.8	-1.39	962	<NO VALU	<NO VALU	4	1	LOW	21.8	1.88	78.2	30	30	1. OK	<NO VALU	<NO VALU	300878.6	205119.2
BYPWM102	9/6/2019 9:50	51	27.2	0	21.8	-0.67	989	<NO VALU	<NO VALU	0	0	LOW	21.8	1.88	78.2	30	30	1. OK	<NO VALU	<NO VALU	300878.6	205119.2
BYPWM102	10/1/2019 8:09	47.2	27.7	0.1	25	-1.24	968	<NO VALU	<NO VALU	0	0	LOW	24.62	1.7	74.9	30	30	1. OK	<NO VALU	<NO VALU	300878.6	205119.2
BYPWM102	11/7/2019 13:37	51.7	28.4	0.2	19.7	-0.48	959	<NO VALU	<NO VALU	8	15	LOW	18.95	1.82	80.1	30	30	1. OK	<NO VALU	<NO VALU	300878.6	205119.2
BYPWM102	12/20/2019 11:50	46.3	28.2	0	25.5	-0.27	946	<NO VALU	<NO VALU	1	0	LOW	25.5	1.64	74.5	30	30	1. OK	<NO VALU	<NO VALU	300878.6	205119.2
	Count	12	12	12	12	12	12	0	0	12	12	0	12	12	12	12	12	0	0	0		
	Max	58.1	28.4	0.5	28.2	-0.27	996	0	0	8	16	0	26.87	2.26	84.6	30	30	0	0	0		
	Min	44.4	25.5	0	15.4	-2.36	946	0	0	0	0	0	15.4	1.64	71.4	10	10	0	0	0		
	Ave	49.73333	26.9	0.15	23.21667	-0.880833	972	#DIV/0!	#DIV/0!	2.5	2.75	#DIV/0!	22.6525	1.85	76.63333	20	21.66667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM103	1/11/2019 12:08	26.2	19.3	0.4	54.1	0.81	997
BYPWM103	2/8/2019 13:16	40.4	17.3	0.2	42.1	0.89	957
BYPWM103	3/13/2019 8:19	27.7	20.1	0	52.2	-0.03	974
BYPWM103	4/9/2019 14:09	28.5	19.3	0	52.2	-0.02	981
BYPWM103	5/10/2019 8:07	50.1	16	0.1	33.8	-0.07	974
BYPWM103	5/10/2019 8:08	50.1	16.2	0	33.7	-0.24	974
BYPWM103	6/5/2019 11:23	30.6	17	1.8	50.6	-0.12	972
BYPWM103	7/9/2019 10:16	31.3	18.4	0.1	50.2	-0.14	988
BYPWM103	8/9/2019 11:57	34.2	17.4	0	48.4	1.05	964
BYPWM103	9/6/2019 9:55	32.1	18.3	0	49.6	0.51	989
BYPWM103	10/1/2019 8:15	30.2	19.6	0.1	50.1	0.33	963
BYPWM103	11/7/2019 13:42	33.5	20.1	0.1	46.3	0.05	960
BYPWM103	12/20/2019 11:54	42.7	16.3	0	41	0.2	947
	Count	13	13	13	13	13	13
	Max	50.1	20.1	1.8	54.1	1.05	997
	Min	26.2	16	0	33.7	-0.24	947
	Ave	35.2	18.1	0.215385	46.48462	0.247692	972.3077

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	52.6	1.36	45.5	0
<NO VALU	<NO VALU	1	0	LOW	41.35	2.34	57.7	0
<NO VALU	<NO VALU	1	0	LOW	52.2	1.38	47.8	1
<NO VALU	<NO VALU	1	0	LOW	52.2	1.48	47.8	0
<NO VALU	<NO VALU	3	0	LOW	33.42	3.13	66.1	0
<NO VALU	<NO VALU	2	0	LOW	33.7	3.09	66.3	1
<NO VALU	<NO VALU	0	0	LOW	43.83	1.8	47.6	1
<NO VALU	<NO VALU	0	10	LOW	49.82	1.7	49.7	0
<NO VALU	<NO VALU	4	1	LOW	48.4	1.97	51.6	0
<NO VALU	<NO VALU	0	0	LOW	49.6	1.75	50.4	0
<NO VALU	<NO VALU	0	0	LOW	49.72	1.54	49.8	0
<NO VALU	<NO VALU	7	11	LOW	45.92	1.67	53.6	0
<NO VALU	<NO VALU	1	0	LOW	41	2.62	59	0
0	0	13	13	0	13	13	13	13
0	0	7	11	0	52.6	3.13	66.3	1
0	0	0	0	0	33.42	1.36	45.5	0
#DIV/0!	#DIV/0!	1.538462	1.692308	#DIV/0!	45.67385	1.986923	53.3	0.230769

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	2. Rebalan	<NO VALU	<NO VALU	300835	205048.8
1	2. Rebalan	<NO VALU	<NO VALU	300835	205048.8
0	2. Rebalan	<NO VALU	<NO VALU	300835	205048.8
0	2. Rebalan	<NO VALU	<NO VALU	300835	205048.8
1	1. OK	<NO VALU	<NO VALU	300835	205048.8
1	1. OK	<NO VALU	<NO VALU	300835	205048.8
0	2. Rebalan	<NO VALU	<NO VALU	300835	205048.8
0	2. Rebalan	<NO VALU	<NO VALU	300835	205048.8
0	2. Rebalan	<NO VALU	<NO VALU	300835	205048.8
0	2. Rebalan	<NO VALU	<NO VALU	300835	205048.8
0	2. Rebalan	<NO VALU	<NO VALU	300835	205048.8
0	2. Rebalan	<NO VALU	<NO VALU	300835	205048.8
1	1. OK	<NO VALU	<NO VALU	300835	205048.8
13	0	0	0		
1	0	0	0		
0	0	0	0		
0.307692	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM104	1/11/2019 12:11	32.2	23	0.2	44.6	-1.87	997
BYPWM104	2/8/2019 13:18	45.7	23.4	0.3	30.6	-0.27	957
BYPWM104	3/13/2019 8:21	56.1	24.9	0.1	18.9	-0.51	974
BYPWM104	3/13/2019 8:22	56.1	25.7	0	18.2	-1.77	974
BYPWM104	4/9/2019 14:12	68.4	25.7	0	5.9	-0.05	981
BYPWM104	4/9/2019 14:14	65.2	26	0	8.8	-1.23	981
BYPWM104	5/10/2019 8:11	52.3	24.5	0	23.2	-0.34	974
BYPWM104	6/5/2019 11:26	47.8	22.7	0	29.5	-0.55	971
BYPWM104	7/9/2019 10:23	42.8	22.6	0.2	34.4	-0.61	988
BYPWM104	8/9/2019 12:00	46.7	22.6	0	30.7	-0.38	962
BYPWM104	9/6/2019 9:57	41	22.3	0	36.7	-4.13	989
BYPWM104	10/1/2019 8:18	40.3	23.7	0	36	-3.19	963
BYPWM104	11/7/2019 13:44	47.9	23.8	0.1	28.2	-0.63	960
BYPWM104	12/20/2019 11:56	47.6	24.1	0	28.3	-0.09	946
	Count	14	14	14	14	14	14
	Max	68.4	26	0.3	44.6	-0.05	997
	Min	32.2	22.3	0	5.9	-4.13	946
	Ave	49.29286	23.92857	0.064286	26.71429	-1.115714	972.6429

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	7	0	LOW	43.85	1.4	55.2	5
<NO VALU	<NO VALU	1	0	LOW	29.47	1.95	69.1	1
<NO VALU	<NO VALU	1	0	LOW	18.52	2.25	81	1
<NO VALU	<NO VALU	1	0	LOW	18.2	2.18	81.8	5
<NO VALU	<NO VALU	1	0	LOW	5.9	2.66	94.1	5
<NO VALU	<NO VALU	1	0	LOW	8.8	2.51	91.2	10
<NO VALU	<NO VALU	2	0	LOW	23.2	2.13	76.8	10
<NO VALU	<NO VALU	1	0	LOW	29.5	2.11	70.5	10
<NO VALU	<NO VALU	1	18	LOW	33.65	1.89	65.4	10
<NO VALU	<NO VALU	3	1	LOW	30.7	2.07	69.3	10
<NO VALU	<NO VALU	0	0	LOW	36.7	1.84	63.3	10
<NO VALU	<NO VALU	0	0	LOW	36	1.7	64	10
<NO VALU	<NO VALU	8	21	LOW	27.82	2.01	71.7	10
<NO VALU	<NO VALU	0	0	LOW	28.3	1.98	71.7	10
0	0	14	14	0	14	14	14	14
0	0	8	21	0	43.85	2.66	94.1	10
0	0	0	0	0	5.9	1.4	55.2	1
#DIV/0!	#DIV/0!	1.928571	2.857143	#DIV/0!	26.47214	2.048571	73.22143	7.642857

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
1	2. Rebalan	<NO VALU	<NO VALU	300880.5	205068.4
1	1. OK	<NO VALU	<NO VALU	300880.5	205068.4
5	1. OK	<NO VALU	<NO VALU	300880.5	205068.4
5	1. OK	<NO VALU	<NO VALU	300880.5	205068.4
10	1. OK	<NO VALU	<NO VALU	300880.5	205068.4
10	1. OK	<NO VALU	<NO VALU	300880.5	205068.4
10	1. OK	<NO VALU	<NO VALU	300880.5	205068.4
10	1. OK	<NO VALU	<NO VALU	300880.5	205068.4
10	1. OK	<NO VALU	<NO VALU	300880.5	205068.4
10	1. OK	<NO VALU	<NO VALU	300880.5	205068.4
10	1. OK	<NO VALU	<NO VALU	300880.5	205068.4
10	1. OK	<NO VALU	<NO VALU	300880.5	205068.4
10	1. OK	<NO VALU	<NO VALU	300880.5	205068.4
10	1. OK	<NO VALU	<NO VALU	300880.5	205068.4
14	0	0	0		
10	0	0	0		
1	0	0	0		
8	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM105	1/4/2019 13:34	42.5	27.2	0.6	29.7	-0.63	1005
BYPWM105	2/8/2019 14:22	39.7	28.7	0.2	31.4	-1.71	955
BYPWM105	3/13/2019 10:22	43.7	27.1	0	29.2	-2.54	975
BYPWM105	4/9/2019 10:13	48.3	27.4	0	24.3	-0.62	980
BYPWM105	5/3/2019 10:14	50.8	26.6	0	22.6	-2.62	981
BYPWM105	6/5/2019 11:09	67.9	30.8	0	1.3	-0.84	971
BYPWM105	6/5/2019 11:11	67.3	31.6	0	1.1	-0.94	971
BYPWM105	7/3/2019 12:58	69.4	28.8	0.4	1.4	-2.06	994
BYPWM105	8/2/2019 10:00	37.4	27.5	0	35.1	-3	986
BYPWM105	9/6/2019 10:32	74.2	24.5	0	1.3	-0.39	988
BYPWM105	9/6/2019 10:34	70.5	28.6	0	0.9	-1.75	988
BYPWM105	10/1/2019 9:20	48.6	30.6	0.1	20.7	-4.01	962
BYPWM105	11/7/2019 14:16	50.6	30.2	0.1	19.1	-3.97	960
BYPWM105	12/6/2019 11:03	42.9	27.3	0.5	29.3	-3.16	970
	Count	14	14	14	14	14	14
	Max	74.2	31.6	0.6	35.1	-0.39	1005
	Min	37.4	24.5	0	0.9	-4.01	955
	Ave	53.84286	28.35	0.135714	17.67143	-2.017143	977.5714
	>3% O2			0			
	% > 3% O2			0			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	7	0	LOW	27.44	1.56	69.7	8
<NO VALU	<NO VALU	2	0	LOW	30.65	1.38	68.4	5
<NO VALU	<NO VALU	2	0	LOW	29.2	1.61	70.8	5
<NO VALU	<NO VALU	2	0	LOW	24.3	1.76	75.7	5
<NO VALU	<NO VALU	0	0	LOW	22.6	1.91	77.4	5
<NO VALU	<NO VALU	2	0	LOW	1.3	2.2	98.7	5
<NO VALU	<NO VALU	1	0	LOW	1.1	2.13	98.9	8
<NO VALU	<NO VALU	4	0	LOW	0	2.41	98.2	8
<NO VALU	<NO VALU	4	0	LOW	35.1	1.36	64.9	8
<NO VALU	<NO VALU	0	0	LOW	1.3	3.03	98.7	5
<NO VALU	<NO VALU	1	0	LOW	0.9	2.47	99.1	8
<NO VALU	<NO VALU	0	0	LOW	20.32	1.59	79.2	8
<NO VALU	<NO VALU	7	23	LOW	18.72	1.68	80.8	8
<NO VALU	<NO VALU	0	0	LOW	27.42	1.57	70.2	5
0	0	14	14	0	14	14	14	14
0	0	7	23	0	35.1	3.03	99.1	8
0	0	0	0	0	0	1.36	64.9	5
#DIV/0!	#DIV/0!	2.285714	1.642857	#DIV/0!	17.16786	1.904286	82.19286	6.5

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	2. Rebalan	<NO VALU	<NO VALU	300934.5	205107.4
5	1. OK	<NO VALU	<NO VALU	300934.5	205107.4
5	1. OK	<NO VALU	<NO VALU	300934.5	205107.4
5	1. OK	<NO VALU	<NO VALU	300934.5	205107.4
5	1. OK	<NO VALU	<NO VALU	300934.5	205107.4
8	1. OK	<NO VALU	<NO VALU	300934.5	205107.4
8	1. OK	<NO VALU	<NO VALU	300934.5	205107.4
8	1. OK	<NO VALU	<NO VALU	300934.5	205107.4
5	1. OK	<NO VALU	<NO VALU	300934.5	205107.4
8	1. OK	<NO VALU	<NO VALU	300934.5	205107.4
8	1. OK	<NO VALU	<NO VALU	300934.5	205107.4
8	1. OK	<NO VALU	<NO VALU	300934.5	205107.4
8	1. OK	<NO VALU	<NO VALU	300934.5	205107.4
5	1. OK	<NO VALU	<NO VALU	300934.5	205107.4
14		0	0	0	
8		0	0	0	
5		0	0	0	
6.5	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM107	1/11/2019 12:21	45.9	21.1	0.1	32.9	-1.1	997
BYPWM107	2/8/2019 13:34	75.9	22	0.3	1.8	-0.45	957
BYPWM107	3/13/2019 8:34	65	21.6	0.1	13.3	-0.48	974
BYPWM107	3/13/2019 8:35	64.6	22.5	0	12.9	-1.92	974
BYPWM107	4/9/2019 14:27	59.3	22.1	0	18.6	-0.5	981
BYPWM107	5/10/2019 8:21	46.5	22.3	0	31.2	-0.24	974
BYPWM107	6/5/2019 11:41	44.6	20.8	0	34.6	-0.45	971
BYPWM107	7/9/2019 10:35	52.2	21	0.2	26.6	-0.07	988
BYPWM107	8/9/2019 12:16	73.2	20.5	0	6.3	-0.36	965
BYPWM107	9/6/2019 10:09	35.8	21.4	0	42.8	-0.75	989
BYPWM107	10/1/2019 8:32	37.4	21.6	0.1	40.9	-0.33	963
BYPWM107	11/7/2019 13:57	41.9	22.4	0.1	35.6	-0.23	960
BYPWM107	12/20/2019 12:07	70.1	21.7	0	8.2	-0.11	946
	Count	13	13	13	13	13	13
	Max	75.9	22.5	0.3	42.8	-0.07	997
	Min	35.8	20.5	0	1.8	-1.92	946
	Ave	54.8	21.61538	0.069231	23.51538	-0.537692	972.2308

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	4	0	LOW	32.52	2.18	67	5
<NO VALU	<NO VALU	1	0	LOW	0.67	3.45	97.9	5
<NO VALU	<NO VALU	3	0	LOW	12.92	3.01	86.6	5
<NO VALU	<NO VALU	3	0	LOW	12.9	2.87	87.1	10
<NO VALU	<NO VALU	3	0	LOW	18.6	2.68	81.4	10
<NO VALU	<NO VALU	3	0	LOW	31.2	2.09	68.8	10
<NO VALU	<NO VALU	1	0	LOW	34.6	2.14	65.4	10
<NO VALU	<NO VALU	3	14	LOW	25.85	2.49	73.2	10
<NO VALU	<NO VALU	4	0	LOW	6.3	3.57	93.7	10
<NO VALU	<NO VALU	0	0	LOW	42.8	1.67	57.2	10
<NO VALU	<NO VALU	0	0	LOW	40.52	1.73	59	5
<NO VALU	<NO VALU	8	14	LOW	35.22	1.87	64.3	3
<NO VALU	<NO VALU	2	0	LOW	8.2	3.23	91.8	3
0	0	13	13	0	13	13	13	13
0	0	8	14	0	42.8	3.57	97.9	10
0	0	0	0	0	0.67	1.67	57.2	3
#DIV/0!	#DIV/0!	2.692308	2.153846	#DIV/0!	23.25385	2.536923	76.41538	7.384615

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	1. OK	<NO VALU	<NO VALU	300831.2	205006
5	1. OK	<NO VALU	<NO VALU	300831.2	205006
10	1. OK	<NO VALU	<NO VALU	300831.2	205006
10	1. OK	<NO VALU	<NO VALU	300831.2	205006
10	1. OK	<NO VALU	<NO VALU	300831.2	205006
10	1. OK	<NO VALU	<NO VALU	300831.2	205006
10	1. OK	<NO VALU	<NO VALU	300831.2	205006
10	1. OK	<NO VALU	<NO VALU	300831.2	205006
10	1. OK	<NO VALU	<NO VALU	300831.2	205006
5	2. Rebalan	<NO VALU	<NO VALU	300831.2	205006
3	2. Rebalan	<NO VALU	<NO VALU	300831.2	205006
3	1. OK	<NO VALU	<NO VALU	300831.2	205006
3	1. OK	<NO VALU	<NO VALU	300831.2	205006
13	0	0	0		
10	0	0	0		
3	0	0	0		
7.230769	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM108	1/11/2019 12:18	14.9	20.9	0.3	63.9	-0.15	997
BYPWM108	2/8/2019 13:30	48.6	26.2	0.3	24.9	-0.22	956
BYPWM108	2/8/2019 13:31	47.9	27.7	0	24.4	-0.77	956
BYPWM108	3/13/2019 8:31	42.5	24.1	0.1	33.3	-1.34	974
BYPWM108	4/9/2019 14:24	55.9	24.9	0	19.2	-0.55	981
BYPWM108	5/10/2019 8:18	56.9	26.6	0	16.5	-0.86	974
BYPWM108	6/5/2019 11:38	57	26.1	0	16.9	-0.43	971
BYPWM108	7/9/2019 10:30	23.5	13.5	9.7	53.3	-0.35	988
BYPWM108	8/9/2019 12:10	60.3	27.4	0	12.3	0.29	964
BYPWM108	8/9/2019 12:12	37.5	26.4	0	36.1	-0.48	964
BYPWM108	9/6/2019 10:06	41.3	23.4	0	35.3	-0.15	988
BYPWM108	10/1/2019 8:29	24.2	25.8	0.1	49.9	-0.51	963
BYPWM108	11/7/2019 13:53	46.5	24.1	0.2	29.2	0	959
BYPWM108	11/7/2019 13:54	46.9	24.4	0.2	28.5	-0.84	959
BYPWM108	12/20/2019 12:04	46.5	26.1	0	27.4	-0.41	946
	Count	15	15	15	15	15	15
	Max	60.3	27.7	9.7	63.9	0.29	997
	Min	14.9	13.5	0	12.3	-1.34	946
	Ave	43.36	24.50667	0.726667	31.40667	-0.451333	969.3333

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	4	0	LOW	62.77	0.71	35.8	1
<NO VALU	<NO VALU	2	0	LOW	23.77	1.85	74.8	0
<NO VALU	<NO VALU	0	0	LOW	24.4	1.73	75.6	1
<NO VALU	<NO VALU	2	0	LOW	32.92	1.76	66.6	1
<NO VALU	<NO VALU	3	0	LOW	19.2	2.24	80.8	1
<NO VALU	<NO VALU	2	0	LOW	16.5	2.14	83.5	1
<NO VALU	<NO VALU	2	0	LOW	16.9	2.18	83.1	1
<NO VALU	<NO VALU	2	1	LOW	16.83	1.74	37	1
<NO VALU	<NO VALU	4	0	LOW	12.3	2.2	87.7	0
<NO VALU	<NO VALU	5	0	LOW	36.1	1.42	63.9	5
<NO VALU	<NO VALU	1	0	LOW	35.3	1.76	64.7	5
<NO VALU	<NO VALU	0	0	LOW	49.52	0.94	50	5
<NO VALU	<NO VALU	7	12	LOW	28.45	1.93	70.6	0
<NO VALU	<NO VALU	8	12	LOW	27.75	1.92	71.3	1
<NO VALU	<NO VALU	1	0	LOW	27.4	1.78	72.6	1
0	0	15	15	0	15	15	15	15
0	0	8	12	0	62.77	2.24	87.7	5
0	0	0	0	0	12.3	0.71	35.8	0
#DIV/0!	#DIV/0!	2.866667	1.666667	#DIV/0!	28.674	1.753333	67.86667	1.6

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	2. Rebalan	<NO VALU	<NO VALU	300867.5	205018.9
1	1. OK	<NO VALU	<NO VALU	300867.5	205018.9
1	1. OK	<NO VALU	<NO VALU	300867.5	205018.9
1	1. OK	<NO VALU	<NO VALU	300867.5	205018.9
1	1. OK	<NO VALU	<NO VALU	300867.5	205018.9
1	1. OK	<NO VALU	<NO VALU	300867.5	205018.9
1	1. OK	<NO VALU	<NO VALU	300867.5	205018.9
0	2. Rebalan	<NO VALU	<NO VALU	300867.5	205018.9
5	1. OK	<NO VALU	<NO VALU	300867.5	205018.9
5	1. OK	<NO VALU	<NO VALU	300867.5	205018.9
5	1. OK	<NO VALU	<NO VALU	300867.5	205018.9
0	2. Rebalan	<NO VALU	<NO VALU	300867.5	205018.9
1	1. OK	<NO VALU	<NO VALU	300867.5	205018.9
1	1. OK	<NO VALU	<NO VALU	300867.5	205018.9
1	1. OK	<NO VALU	<NO VALU	300867.5	205018.9
15		0	0	0	
5		0	0	0	
0		0	0	0	
1.6	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM109	1/4/2019 10:45	39.6	25.4	0	35	-8.21	1006
BYPWM109	2/8/2019 13:47	46.3	28	0	25.7	-10.08	957
BYPWM109	3/13/2019 10:19	53.9	26.7	0	19.4	-4.75	975
BYPWM109	4/9/2019 10:09	69.5	28.2	0	2.3	-1.82	980
BYPWM109	4/9/2019 10:10	67.4	28.2	0	4.4	-5.12	980
BYPWM109	5/3/2019 10:17	50.6	25	0	24.4	-3.2	981
BYPWM109	6/5/2019 11:07	47	25.1	0	27.9	-16.97	971
BYPWM109	6/26/2019 10:05	46.1	23.8	0.1	30	-8.5	994
BYPWM109	7/3/2019 12:54	45.1	23	0.3	31.6	-6.42	994
BYPWM109	8/2/2019 9:57	42.7	23.6	0	33.7	-7.99	986
BYPWM109	9/6/2019 10:22	47.5	24.7	0	27.8	-2.11	988
BYPWM109	10/1/2019 8:47	44.7	24.6	0.1	30.6	-2.5	963
BYPWM109	11/7/2019 14:12	71.8	27.7	0.1	0.4	-3.34	957
BYPWM109	11/7/2019 14:13	71.7	27.5	0.1	0.7	-4.95	957
BYPWM109	12/6/2019 10:59	52	24.9	0.6	22.5	-3.7	970
	Count	15	15	15	15	15	15
	Max	71.8	28.2	0.6	35	-1.82	1006
	Min	39.6	23	0	0.4	-16.97	957
	Ave	53.06	25.76	0.086667	21.09333	-5.977333	977.2667

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	35	1.56	65	8
<NO VALU	<NO VALU	2	0	LOW	25.7	1.65	74.3	5
<NO VALU	<NO VALU	1	0	LOW	19.4	2.02	80.6	5
<NO VALU	<NO VALU	2	0	LOW	2.3	2.46	97.7	5
<NO VALU	<NO VALU	3	0	LOW	4.4	2.39	95.6	10
<NO VALU	<NO VALU	2	1	LOW	24.4	2.02	75.6	10
<NO VALU	<NO VALU	1	0	LOW	27.9	1.87	72.1	10
<NO VALU	<NO VALU	1	0	LOW	29.62	1.94	69.9	8
<NO VALU	<NO VALU	4	0	LOW	30.47	1.96	68.1	8
<NO VALU	<NO VALU	3	0	LOW	33.7	1.81	66.3	8
<NO VALU	<NO VALU	0	0	LOW	27.8	1.92	72.2	5
<NO VALU	<NO VALU	0	0	LOW	30.22	1.82	69.3	5
<NO VALU	<NO VALU	9	30	LOW	0.02	2.59	99.5	5
<NO VALU	<NO VALU	9	34	LOW	0.32	2.61	99.2	10
<NO VALU	<NO VALU	1	0	LOW	20.24	2.09	76.9	10
0	0	15	15	0	15	15	15	15
0	0	9	34	0	35	2.61	99.5	10
0	0	0	0	0	0.02	1.56	65	5
#DIV/0!	#DIV/0!	2.533333	4.333333	#DIV/0!	20.766	2.047333	78.82	7.466667

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	2. Rebalan	<NO VALU	<NO VALU	300901.4	205018.7
5	1. OK	<NO VALU	<NO VALU	300901.4	205018.7
5	1. OK	<NO VALU	<NO VALU	300901.4	205018.7
10	1. OK	<NO VALU	<NO VALU	300901.4	205018.7
10	1. OK	<NO VALU	<NO VALU	300901.4	205018.7
10	1. OK	<NO VALU	<NO VALU	300901.4	205018.7
8	2. Rebalan	<NO VALU	<NO VALU	300901.4	205018.7
8	1. OK	<NO VALU	<NO VALU	300901.4	205018.7
8	2. Rebalan	<NO VALU	<NO VALU	300901.4	205018.7
5	1. OK	<NO VALU	<NO VALU	300901.4	205018.7
5	1. OK	<NO VALU	<NO VALU	300901.4	205018.7
5	1. OK	<NO VALU	<NO VALU	300901.4	205018.7
10	1. OK	<NO VALU	<NO VALU	300901.4	205018.7
10	1. OK	<NO VALU	<NO VALU	300901.4	205018.7
10	1. OK	<NO VALU	<NO VALU	300901.4	205018.7
15		0	0	0	
10		0	0	0	
5		0	0	0	
7.6	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM111	1/11/2019 12:24	27.1	21.7	0.2	51	0.62	997
BYPWM111	2/8/2019 13:37	28.5	21.9	0.3	49.3	-2.45	957
BYPWM111	3/13/2019 8:37	32.8	22.2	0	45	-3.08	974
BYPWM111	4/9/2019 14:29	48.2	23.4	0	28.4	-0.34	981
BYPWM111	4/9/2019 14:31	48	23.8	0	28.2	-2.88	981
BYPWM111	5/10/2019 8:23	59	25.2	0	15.8	-0.24	974
BYPWM111	6/5/2019 11:44	57.1	23.9	0	19	-0.53	972
BYPWM111	7/9/2019 10:38	36	22	0.2	41.8	-0.38	989
BYPWM111	8/9/2019 12:19	32.6	22	0	45.4	-0.19	965
BYPWM111	9/6/2019 10:12	36.8	23.2	0	40	-0.96	989
BYPWM111	10/1/2019 8:36	29.1	23.9	0.1	46.9	-2.16	963
BYPWM111	11/7/2019 13:59	61.1	25.5	0.1	13.3	0.18	960
BYPWM111	11/7/2019 14:01	61.1	25.6	0.1	13.2	-0.39	960
BYPWM111	12/20/2019 12:10	57	25.3	0	17.7	-0.18	946
	Count	14	14	14	14	14	14
	Max	61.1	25.6	0.3	51	0.62	997
	Min	27.1	21.7	0	13.2	-3.08	946
	Ave	43.88571	23.54286	0.071429	32.5	-0.927143	972

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	2	0	LOW	50.25	1.25	48.8	0
<NO VALU	<NO VALU	2	0	LOW	48.17	1.3	50.4	0
<NO VALU	<NO VALU	2	0	LOW	45	1.48	55	0
<NO VALU	<NO VALU	3	0	LOW	28.4	2.06	71.6	0
<NO VALU	<NO VALU	2	0	LOW	28.2	2.02	71.8	5
<NO VALU	<NO VALU	3	0	LOW	15.8	2.34	84.2	5
<NO VALU	<NO VALU	2	0	LOW	19	2.39	81	5
<NO VALU	<NO VALU	2	5	LOW	41.05	1.64	58	5
<NO VALU	<NO VALU	4	0	LOW	45.4	1.48	54.6	5
<NO VALU	<NO VALU	0	0	LOW	40	1.59	60	1
<NO VALU	<NO VALU	0	0	LOW	46.52	1.22	53	1
<NO VALU	<NO VALU	8	16	LOW	12.92	2.4	86.6	0
<NO VALU	<NO VALU	9	15	LOW	12.82	2.39	86.7	5
<NO VALU	<NO VALU	1	0	LOW	17.7	2.25	82.3	5
0	0	14	14	0	14	14	14	14
0	0	9	16	0	50.25	2.4	86.7	5
0	0	0	0	0	12.82	1.22	48.8	0
#DIV/0!	#DIV/0!	2.857143	2.571429	#DIV/0!	32.23071	1.843571	67.42857	2.642857

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	2. Rebalan	<NO VALU	<NO VALU	300842.6	204960.2
0	2. Rebalan	<NO VALU	<NO VALU	300842.6	204960.2
0	2. Rebalan	<NO VALU	<NO VALU	300842.6	204960.2
5	1. OK	<NO VALU	<NO VALU	300842.6	204960.2
5	1. OK	<NO VALU	<NO VALU	300842.6	204960.2
5	1. OK	<NO VALU	<NO VALU	300842.6	204960.2
5	1. OK	<NO VALU	<NO VALU	300842.6	204960.2
5	1. OK	<NO VALU	<NO VALU	300842.6	204960.2
1	2. Rebalan	<NO VALU	<NO VALU	300842.6	204960.2
1	1. OK	<NO VALU	<NO VALU	300842.6	204960.2
0	2. Rebalan	<NO VALU	<NO VALU	300842.6	204960.2
5	1. OK	<NO VALU	<NO VALU	300842.6	204960.2
5	1. OK	<NO VALU	<NO VALU	300842.6	204960.2
5	1. OK	<NO VALU	<NO VALU	300842.6	204960.2
14		0	0	0	
5		0	0	0	
0		0	0	0	
3	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM201	1/4/2019 8:30	9.9	5.9	15.5	68.7	-0.96	1009
BYPWM201	1/23/2019 12:06	54.4	27.6	0.4	17.6	3.51	968
BYPWM201	1/23/2019 12:08	54.1	27.9	0.3	17.7	-1.58	968
BYPWM201	2/15/2019 8:54	52	25	0.7	22.3	-0.05	994
BYPWM201	2/15/2019 8:55	49.4	25.7	0	24.9	-1.23	994
BYPWM201	3/13/2019 13:33	29.3	17	5.1	48.6	-0.57	977
BYPWM201	4/9/2019 8:20	60.5	24.8	0.6	14.1	-0.1	982
BYPWM201	4/9/2019 8:21	60.6	26.3	0	13.1	-0.74	982
BYPWM201	5/3/2019 7:39	33.5	22.8	0	43.7	-1.75	982
BYPWM201	5/13/2019 8:11	54.6	24.7	0	20.7	-0.22	1007
BYPWM201	6/5/2019 9:27	52.8	25	0.2	22	-0.91	971
BYPWM201	7/3/2019 11:10	56	24	0.5	19.5	-0.58	992
BYPWM201	8/2/2019 8:09	46.8	24.4	0.1	28.7	-0.5	989
BYPWM201	9/6/2019 7:45	60.1	25.8	0	14.1	-0.19	992
BYPWM201	10/1/2019 7:34	33.9	23.7	0.3	42.1	-0.19	963
BYPWM201	11/7/2019 8:47	27.3	23.2	0.9	48.6	-0.27	962
BYPWM201	12/6/2019 8:37	26.3	15.4	7.8	50.5	0.21	975
	Count	17	17	17	17	17	17
	Max	60.6	27.9	15.5	68.7	3.51	1009
	Min	9.9	5.9	0	13.1	-1.75	962
	Ave	44.79412	22.89412	1.905882	30.40588	-0.36	982.7647

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	1	LOW	10.42	1.68	15.8	1
<NO VALU	<NO VALU	1	0	LOW	16.1	1.97	82	0
<NO VALU	<NO VALU	1	0	LOW	16.57	1.94	82	5
<NO VALU	<NO VALU	2	0	LOW	19.67	2.08	77	0
<NO VALU	<NO VALU	3	0	LOW	24.9	1.92	75.1	5
<NO VALU	<NO VALU	3	0	LOW	29.42	1.72	46.3	5
<NO VALU	<NO VALU	2	0	LOW	11.84	2.44	85.3	0
<NO VALU	<NO VALU	3	0	LOW	13.1	2.3	86.9	5
<NO VALU	<NO VALU	1	0	LOW	43.7	1.47	56.3	5
<NO VALU	<NO VALU	3	1	LOW	20.7	2.21	79.3	1
<NO VALU	<NO VALU	1	0	LOW	21.25	2.11	77.8	1
<NO VALU	<NO VALU	2	0	LOW	17.62	2.33	80	1
<NO VALU	<NO VALU	2	0	LOW	28.32	1.92	71.2	5
<NO VALU	<NO VALU	0	3	LOW	14.1	2.33	85.9	5
<NO VALU	<NO VALU	0	0	LOW	40.97	1.43	57.6	5
<NO VALU	<NO VALU	0	6	LOW	45.22	1.18	50.5	3
<NO VALU	<NO VALU	1	0	LOW	21.17	1.71	41.7	0
0	0	17	17	0	17	17	17	17
0	0	3	6	0	45.22	2.44	86.9	5
0	0	0	0	0	10.42	1.18	15.8	0
#DIV/0!	#DIV/0!	1.470588	0.647059	#DIV/0!	23.23941	1.925882	67.68824	2.764706

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	2. Rebalan	<NO VALU	<NO VALU	300797.6	204948.6
5	1. OK	<NO VALU	<NO VALU	300797.6	204948.6
5	1. OK	<NO VALU	<NO VALU	300797.6	204948.6
5	1. OK	<NO VALU	<NO VALU	300797.6	204948.6
5	1. OK	<NO VALU	<NO VALU	300797.6	204948.6
0	2. Rebalan	<NO VALU	<NO VALU	300797.6	204948.6
5	1. OK	<NO VALU	<NO VALU	300797.6	204948.6
5	1. OK	<NO VALU	<NO VALU	300797.6	204948.6
1	2. Rebalan	<NO VALU	<NO VALU	300797.6	204948.6
1	1. OK	<NO VALU	<NO VALU	300797.6	204948.6
1	1. OK	<NO VALU	<NO VALU	300797.6	204948.6
1	1. OK	<NO VALU	<NO VALU	300797.6	204948.6
5	1. OK	<NO VALU	<NO VALU	300797.6	204948.6
5	1. OK	<NO VALU	<NO VALU	300797.6	204948.6
3	2. Rebalan	<NO VALU	<NO VALU	300797.6	204948.6
0	2. Rebalan	<NO VALU	<NO VALU	300797.6	204948.6
0	2. Rebalan	<NO VALU	<NO VALU	300797.6	204948.6
17	0	0	0		
5	0	0	0		
0	0	0	0		
2.764706	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM202	1/4/2019 8:34	52	20	0.8	27.2	-1.56	1012
BYPWM202	2/15/2019 8:59	50.9	20.7	0	28.4	-0.27	996
BYPWM202	3/13/2019 13:36	37.3	19.4	0	43.3	-0.21	983
BYPWM202	4/9/2019 8:23	43.6	19.5	0.1	36.8	-0.26	984
BYPWM202	5/3/2019 7:41	22.6	20.4	0	57	-1.65	987
BYPWM202	5/13/2019 8:16	35.8	20.3	0	43.9	0.07	1009
BYPWM202	6/5/2019 9:30	46.7	18.6	0.3	34.4	0	975
BYPWM202	6/5/2019 9:31	46.5	19.6	0	33.9	-0.84	975
BYPWM202	7/3/2019 11:12	56.3	18.4	0.9	24.4	-0.45	998
BYPWM202	8/2/2019 8:12	26	20.3	0	53.7	-0.29	990
BYPWM202	9/6/2019 7:47	44.8	19.7	0.1	35.4	-0.03	993
BYPWM202	9/6/2019 7:48	45.3	20.1	0	34.6	-0.26	993
BYPWM202	10/1/2019 7:37	51.8	20.1	0	28.1	0.21	968
BYPWM202	10/1/2019 7:38	50.1	20	0	29.9	-0.55	968
BYPWM202	11/7/2019 8:51	30.2	20.5	0.3	49	-0.22	963
BYPWM202	12/6/2019 8:39	42.6	19.6	0.4	37.4	-0.05	975
BYPWM202	12/6/2019 8:41	43.8	20	0.3	35.9	-0.23	975
	Count	17	17	17	17	17	17
	Max	56.3	20.7	0.9	57	0.21	1012
	Min	22.6	18.4	0	24.4	-1.65	963
	Ave	42.72353	19.83529	0.188235	37.25294	-0.387647	984.9412

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	1	LOW	24.19	2.6	72	1
<NO VALU	<NO VALU	3	0	LOW	28.4	2.46	71.6	1
<NO VALU	<NO VALU	2	0	LOW	43.3	1.92	56.7	1
<NO VALU	<NO VALU	2	0	LOW	36.42	2.24	63.1	1
<NO VALU	<NO VALU	1	0	LOW	57	1.11	43	1
<NO VALU	<NO VALU	1	1	LOW	43.9	1.76	56.1	0
<NO VALU	<NO VALU	2	0	LOW	33.27	2.51	65.3	0
<NO VALU	<NO VALU	1	0	LOW	33.9	2.37	66.1	1
<NO VALU	<NO VALU	3	0	LOW	21.02	3.06	74.7	1
<NO VALU	<NO VALU	1	0	LOW	53.7	1.28	46.3	1
<NO VALU	<NO VALU	1	0	LOW	35.02	2.27	64.5	0
<NO VALU	<NO VALU	2	0	LOW	34.6	2.25	65.4	5
<NO VALU	<NO VALU	0	0	LOW	28.1	2.58	71.9	5
<NO VALU	<NO VALU	0	0	LOW	29.9	2.51	70.1	8
<NO VALU	<NO VALU	1	5	LOW	47.87	1.47	50.7	8
<NO VALU	<NO VALU	1	0	LOW	35.9	2.17	62.2	0
<NO VALU	<NO VALU	0	0	LOW	34.77	2.19	63.8	5
0	0	17	17	0	17	17	17	17
0	0	3	5	0	57	3.06	74.7	8
0	0	0	0	0	21.02	1.11	43	0
#DIV/0!	#DIV/0!	1.235294	0.411765	#DIV/0!	36.54471	2.161765	62.55882	2.294118

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
1	1. OK	<NO VALU	<NO VALU	300792.4	204892.9
1	1. OK	<NO VALU	<NO VALU	300792.4	204892.9
1	2. Rebalan	<NO VALU	<NO VALU	300792.4	204892.9
1	1. OK	<NO VALU	<NO VALU	300792.4	204892.9
0	2. Rebalan	<NO VALU	<NO VALU	300792.4	204892.9
0	2. Rebalan	<NO VALU	<NO VALU	300792.4	204892.9
1	1. OK	<NO VALU	<NO VALU	300792.4	204892.9
1	1. OK	<NO VALU	<NO VALU	300792.4	204892.9
1	1. OK	<NO VALU	<NO VALU	300792.4	204892.9
0	2. Rebalan	<NO VALU	<NO VALU	300792.4	204892.9
5	1. OK	<NO VALU	<NO VALU	300792.4	204892.9
5	1. OK	<NO VALU	<NO VALU	300792.4	204892.9
8	1. OK	<NO VALU	<NO VALU	300792.4	204892.9
8	1. OK	<NO VALU	<NO VALU	300792.4	204892.9
0	2. Rebalan	<NO VALU	<NO VALU	300792.4	204892.9
5	1. OK	<NO VALU	<NO VALU	300792.4	204892.9
5	1. OK	<NO VALU	<NO VALU	300792.4	204892.9
17	0	0	0		
8	0	0	0		
0	0	0	0		
2.529412	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM203	1/4/2019 10:36	29.8	24.5	0.1	45.6	-2.18	1007
BYPWM203	2/15/2019 11:12	39.4	26.1	0.1	34.4	-0.39	991
BYPWM203	3/13/2019 8:48	39	25	0.1	35.9	-3.02	974
BYPWM203	4/9/2019 10:03	45.4	25.7	0	28.9	-0.81	981
BYPWM203	5/3/2019 9:01	45.9	27	0	27.1	-1.27	983
BYPWM203	5/13/2019 9:07	47.3	24.7	0	28	-0.91	1005
BYPWM203	6/5/2019 11:01	46.2	24.4	0	29.4	-1.11	972
BYPWM203	7/3/2019 12:47	42.8	25.2	0.3	31.7	-0.17	994
BYPWM203	8/2/2019 9:49	40.5	24.4	0	35.1	-1.7	987
BYPWM203	9/13/2019 10:09	33.4	28.1	0.1	38.4	-1.58	1003
BYPWM203	10/4/2019 13:16	44.5	25.4	0.3	29.8	-1.46	969
BYPWM203	10/4/2019 13:17	44.3	25.8	0.1	29.8	-1.65	969
BYPWM203	11/7/2019 10:55	49.3	28.7	0.1	21.9	-1.95	959
BYPWM203	12/6/2019 10:50	44.9	26.5	0.2	28.4	-0.54	971
	Count	14	14	14	14	14	14
	Max	49.3	28.7	0.3	45.6	-0.17	1007
	Min	29.8	24.4	0	21.9	-3.02	959
	Ave	42.33571	25.82143	0.1	31.74286	-1.338571	983.2143
	>3% O2			0			
	% > 3% O2			0			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	45.22	1.22	54.3	1
<NO VALU	<NO VALU	3	0	LOW	34.02	1.51	65.5	0
<NO VALU	<NO VALU	2	0	LOW	35.52	1.56	64	1
<NO VALU	<NO VALU	3	0	LOW	28.9	1.77	71.1	1
<NO VALU	<NO VALU	1	0	LOW	27.1	1.7	72.9	1
<NO VALU	<NO VALU	3	0	LOW	28	1.91	72	1
<NO VALU	<NO VALU	1	0	LOW	29.4	1.89	70.6	1
<NO VALU	<NO VALU	4	0	LOW	30.57	1.7	68	1
<NO VALU	<NO VALU	3	0	LOW	35.1	1.66	64.9	1
<NO VALU	<NO VALU	1	0	LOW	38.02	1.19	61.5	1
<NO VALU	<NO VALU	1	0	LOW	28.67	1.75	69.9	0
<NO VALU	<NO VALU	0	0	LOW	29.42	1.72	70.1	5
<NO VALU	<NO VALU	6	25	LOW	21.52	1.72	78	5
<NO VALU	<NO VALU	1	0	LOW	27.65	1.69	71.4	5
0	0	14	14	0	14	14	14	14
0	0	6	25	0	45.22	1.91	78	5
0	0	0	0	0	21.52	1.19	54.3	0
#DIV/0!	#DIV/0!	2.071429	1.785714	#DIV/0!	31.365	1.642143	68.15714	1.714286

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	2. Rebalan	<NO VALU	<NO VALU	300837.3	204916.9
1	1. OK	<NO VALU	<NO VALU	300837.3	204916.9
1	1. OK	<NO VALU	<NO VALU	300837.3	204916.9
1	1. OK	<NO VALU	<NO VALU	300837.3	204916.9
1	1. OK	<NO VALU	<NO VALU	300837.3	204916.9
1	1. OK	<NO VALU	<NO VALU	300837.3	204916.9
1	1. OK	<NO VALU	<NO VALU	300837.3	204916.9
1	1. OK	<NO VALU	<NO VALU	300837.3	204916.9
1	1. OK	<NO VALU	<NO VALU	300837.3	204916.9
0	2. Rebalan	<NO VALU	<NO VALU	300837.3	204916.9
5	1. OK	<NO VALU	<NO VALU	300837.3	204916.9
5	1. OK	<NO VALU	<NO VALU	300837.3	204916.9
5	1. OK	<NO VALU	<NO VALU	300837.3	204916.9
5	1. OK	<NO VALU	<NO VALU	300837.3	204916.9
14	0	0	0		
5	0	0	0		
0	0	0	0		
2	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM204	1/4/2019 10:41	34.2	25.5	0	40.3	-12.06	1007
BYPWM204	2/8/2019 13:42	33.2	23.8	0.4	42.6	-1.15	956
BYPWM204	2/15/2019 11:16	33.2	24.3	0	42.5	-0.51	991
BYPWM204	3/13/2019 8:44	30.8	23.8	0	45.4	-3.41	974
BYPWM204	4/9/2019 10:06	46.4	25.4	0	28.2	-0.81	980
BYPWM204	5/3/2019 9:05	34.7	21.8	1.9	41.6	-0.1	982
BYPWM204	5/13/2019 9:10	51.4	25.9	0	22.7	-3.24	1005
BYPWM204	6/5/2019 11:03	43.6	24.5	0	31.9	-1.9	972
BYPWM204	7/3/2019 12:51	42.3	23.8	0.3	33.6	-0.45	995
BYPWM204	8/2/2019 9:53	40.2	25.4	0	34.4	-0.58	987
BYPWM204	9/6/2019 10:18	31.8	27.5	0	40.7	-0.93	987
BYPWM204	10/1/2019 8:42	30.1	26.3	0.4	43.2	-0.48	963
BYPWM204	11/7/2019 14:07	41	26.6	0.2	32.2	-0.84	959
BYPWM204	12/6/2019 10:56	53	25.6	1	20.4	-0.23	971
	Count	14	14	14	14	14	14
	Max	53	27.5	1.9	45.4	-0.1	1007
	Min	30.1	21.8	0	20.4	-12.06	956
	Ave	38.99286	25.01429	0.3	35.69286	-1.906429	980.6429

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	40.3	1.34	59.7	5
<NO VALU	<NO VALU	2	0	LOW	41.1	1.39	57	1
<NO VALU	<NO VALU	3	0	LOW	42.5	1.37	57.5	1
<NO VALU	<NO VALU	2	0	LOW	45.4	1.29	54.6	1
<NO VALU	<NO VALU	2	0	LOW	28.2	1.83	71.8	1
<NO VALU	<NO VALU	1	0	LOW	34.46	1.59	56.5	1
<NO VALU	<NO VALU	3	0	LOW	22.7	1.98	77.3	1
<NO VALU	<NO VALU	1	0	LOW	31.9	1.78	68.1	1
<NO VALU	<NO VALU	5	0	LOW	32.47	1.78	66.1	1
<NO VALU	<NO VALU	3	0	LOW	34.4	1.58	65.6	1
<NO VALU	<NO VALU	1	0	LOW	40.7	1.16	59.3	1
<NO VALU	<NO VALU	0	0	LOW	41.7	1.14	56.4	1
<NO VALU	<NO VALU	8	6	LOW	31.45	1.54	67.6	1
<NO VALU	<NO VALU	1	0	LOW	16.64	2.07	78.6	5
0	0	14	14	0	14	14	14	14
0	0	8	6	0	45.4	2.07	78.6	5
0	0	0	0	0	16.64	1.14	54.6	1
#DIV/0!	#DIV/0!	2.285714	0.428571	#DIV/0!	34.56571	1.56	64.00714	1.571429

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
1	2. Rebalan	<NO VALU	<NO VALU	300879.7	204921.5
1	2. Rebalan	<NO VALU	<NO VALU	300879.7	204921.5
1	2. Rebalan	<NO VALU	<NO VALU	300879.7	204921.5
1	2. Rebalan	<NO VALU	<NO VALU	300879.7	204921.5
1	1. OK	<NO VALU	<NO VALU	300879.7	204921.5
1	2. Rebalan	<NO VALU	<NO VALU	300879.7	204921.5
1	1. OK	<NO VALU	<NO VALU	300879.7	204921.5
1	1. OK	<NO VALU	<NO VALU	300879.7	204921.5
1	1. OK	<NO VALU	<NO VALU	300879.7	204921.5
1	1. OK	<NO VALU	<NO VALU	300879.7	204921.5
1	2. Rebalan	<NO VALU	<NO VALU	300879.7	204921.5
1	2. Rebalan	<NO VALU	<NO VALU	300879.7	204921.5
1	1. OK	<NO VALU	<NO VALU	300879.7	204921.5
5	1. OK	<NO VALU	<NO VALU	300879.7	204921.5
14		0	0	0	
5		0	0	0	
1		0	0	0	
1.285714	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM206	1/4/2019 8:38	1.2	1.8	18.7	78.3	0	1012
BYPWM206	2/15/2019 9:00	1.4	1.4	19.7	77.5	0.24	995
BYPWM206	3/13/2019 13:39	2	2.6	18	77.4	-0.02	983
BYPWM206	4/9/2019 8:28	6.5	3.8	16.8	72.9	0.03	984
BYPWM206	5/3/2019 7:43	5.9	4.1	15.8	74.2	-0.03	987
BYPWM206	5/13/2019 8:20	6.8	4.1	14.8	74.3	-0.05	1009
BYPWM206	6/5/2019 9:34	5.6	3.8	16.6	74	0.24	975
BYPWM206	7/3/2019 11:15	2.1	2.2	17	78.7	-0.09	998
BYPWM206	8/2/2019 8:14	2.4	2.8	16.2	78.6	0.21	990
BYPWM206	9/6/2019 7:50	0.5	1.8	19	78.7	0.14	993
BYPWM206	9/20/2019 14:35	0.8	1.9	18	79.3	0.03	993
BYPWM206	10/1/2019 7:42	3.1	2.8	16.8	77.3	0.34	968
BYPWM206	11/7/2019 8:52	2.2	2.3	18	77.5	-0.1	962
BYPWM206	12/6/2019 8:43	2.9	3.4	17.4	76.3	-0.07	976
	Count	14	14	14	14	14	14
	Max	6.8	4.1	19.7	79.3	0.34	1012
	Min	0.5	1.4	14.8	72.9	-0.1	962
	Ave	3.1	2.771429	17.34286	76.78571	0.062143	987.5
	>3% O2			#REF!			
	% > 3% O2			#REF!			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	1	LOW	7.99	0.67	3	0
<NO VALU	<NO VALU	3	0	LOW	3.43	1	2.8	0
<NO VALU	<NO VALU	3	0	LOW	9.72	0.77	4.6	0
<NO VALU	<NO VALU	2	0	LOW	9.73	1.71	10.3	0
<NO VALU	<NO VALU	3	0	LOW	14.79	1.44	10	0
<NO VALU	<NO VALU	5	0	LOW	18.65	1.66	10.9	0
<NO VALU	<NO VALU	4	0	LOW	11.58	1.47	9.4	0
<NO VALU	<NO VALU	4	0	LOW	14.78	0.95	4.3	0
<NO VALU	<NO VALU	5	0	LOW	17.69	0.86	5.2	0
<NO VALU	<NO VALU	0	0	LOW	7.26	0.28	2.3	0
<NO VALU	<NO VALU	5	0	LOW	11.62	0.42	2.7	0
<NO VALU	<NO VALU	2	0	LOW	14.13	1.11	5.9	0
<NO VALU	<NO VALU	3	2	LOW	9.82	0.96	4.5	0
<NO VALU	<NO VALU	3	0	LOW	10.88	0.85	6.3	0
0	0	14	14	0	14	14	14	14
0	0	5	2	0	18.65	1.71	10.9	0
0	0	0	0	0	3.43	0.28	2.3	0
#DIV/0!	#DIV/0!	3	0.214286	#DIV/0!	11.57643	1.010714	5.871429	0

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	2. Rebalan	<NO VALU	<NO VALU	300779	204844.6
0	2. Rebalan	<NO VALU	<NO VALU	300779	204844.6
0	2. Rebalan	<NO VALU	<NO VALU	300779	204844.6
0	2. Rebalan	<NO VALU	<NO VALU	300779	204844.6
0	2. Rebalan	<NO VALU	<NO VALU	300779	204844.6
0	2. Rebalan	<NO VALU	<NO VALU	300779	204844.6
0	2. Rebalan	<NO VALU	<NO VALU	300779	204844.6
0	2. Rebalan	<NO VALU	<NO VALU	300779	204844.6
0	2. Rebalan	<NO VALU	<NO VALU	300779	204844.6
0	2. Rebalan	<NO VALU	<NO VALU	300779	204844.6
0	2. Rebalan	<NO VALU	<NO VALU	300779	204844.6
0	2. Rebalan	<NO VALU	<NO VALU	300779	204844.6
0	2. Rebalan	<NO VALU	<NO VALU	300779	204844.6
0	2. Rebalan	<NO VALU	<NO VALU	300779	204844.6
14	0	0	0		
0	0	0	0		
0	0	0	0		
0	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM207	1/4/2019 8:45	47.9	17.8	1.9	32.4	0.05	1011
BYPWM207	1/4/2019 8:47	47.6	18.4	1.3	32.7	-7.9	1011
BYPWM207	1/23/2019 12:17	58.3	21.6	0.2	19.9	-5.27	970
BYPWM207	2/15/2019 9:03	31.9	20.8	0	47.3	-4.46	996
BYPWM207	3/13/2019 13:44	34.3	17.2	2	46.5	-0.58	982
BYPWM207	4/9/2019 8:32	62.5	18	0.5	19	0.19	984
BYPWM207	4/9/2019 8:33	65.1	19.2	0	15.7	-2.43	984
BYPWM207	5/3/2019 7:45	35.7	19.9	0.2	44.2	-0.41	986
BYPWM207	5/13/2019 8:22	59.3	18.8	0	21.9	-0.81	1009
BYPWM207	6/5/2019 9:36	62.9	17.9	0.1	19.1	-0.7	975
BYPWM207	6/5/2019 9:38	62.3	19.1	0	18.6	-1.66	975
BYPWM207	7/3/2019 11:18	41.8	18.6	0.9	38.7	-0.98	998
BYPWM207	8/2/2019 8:17	45.2	16.5	1.6	36.7	-0.51	990
BYPWM207	9/6/2019 7:53	34.4	20.9	0	44.7	-0.41	993
BYPWM207	9/20/2019 14:37	49.8	17.1	0.1	33	-0.12	993
BYPWM207	9/20/2019 14:38	49.5	17.6	0	32.9	-0.84	993
BYPWM207	10/1/2019 7:45	31.9	20.2	0.2	47.7	-0.7	968
BYPWM207	11/7/2019 8:55	35.8	21.5	0.2	42.5	-0.46	962
BYPWM207	12/6/2019 8:46	41.1	21	0.3	37.6	-0.21	974
	Count	19	19	19	19	19	19
	Max	65.1	21.6	2	47.7	0.19	1011
	Min	31.9	16.5	0	15.7	-7.9	962
	Ave	47.22632	19.05789	0.5	33.21579	-1.484737	987.0526

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	1	LOW	25.26	2.69	65.7	0
<NO VALU	<NO VALU	0	1	LOW	27.81	2.59	66	10
<NO VALU	<NO VALU	1	0	LOW	19.15	2.7	79.9	10
<NO VALU	<NO VALU	3	0	LOW	47.3	1.53	52.7	10
<NO VALU	<NO VALU	2	0	LOW	38.98	1.99	51.5	5
<NO VALU	<NO VALU	2	0	LOW	17.12	3.47	80.5	0
<NO VALU	<NO VALU	1	0	LOW	15.7	3.39	84.3	5
<NO VALU	<NO VALU	1	0	LOW	43.45	1.79	55.6	5
<NO VALU	<NO VALU	2	1	LOW	21.9	3.15	78.1	1
<NO VALU	<NO VALU	1	0	LOW	18.72	3.51	80.8	1
<NO VALU	<NO VALU	1	0	LOW	18.6	3.26	81.4	5
<NO VALU	<NO VALU	2	0	LOW	35.32	2.25	60.4	5
<NO VALU	<NO VALU	1	1	LOW	30.68	2.74	61.7	5
<NO VALU	<NO VALU	0	0	LOW	44.7	1.65	55.3	5
<NO VALU	<NO VALU	2	0	LOW	32.62	2.91	66.9	3
<NO VALU	<NO VALU	2	0	LOW	32.9	2.81	67.1	5
<NO VALU	<NO VALU	0	0	LOW	46.95	1.58	52.1	3
<NO VALU	<NO VALU	0	16	LOW	41.75	1.67	57.3	1
<NO VALU	<NO VALU	0	0	LOW	36.47	1.96	62.1	1
0	0	19	19	0	19	19	19	19
0	0	3	16	0	47.3	3.51	84.3	10
0	0	0	0	0	15.7	1.53	51.5	0
#DIV/0!	#DIV/0!	1.105263	1.052632	#DIV/0!	31.33579	2.507368	66.28421	4.210526

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
10	1. OK	<NO VALU	<NO VALU	300825.9	204861.1
10	1. OK	<NO VALU	<NO VALU	300825.9	204861.1
10	1. OK	<NO VALU	<NO VALU	300825.9	204861.1
5	2. Rebalan	<NO VALU	<NO VALU	300825.9	204861.1
0	2. Rebalan	<NO VALU	<NO VALU	300825.9	204861.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204861.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204861.1
1	2. Rebalan	<NO VALU	<NO VALU	300825.9	204861.1
1	1. OK	<NO VALU	<NO VALU	300825.9	204861.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204861.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204861.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204861.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204861.1
3	2. Rebalan	<NO VALU	<NO VALU	300825.9	204861.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204861.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204861.1
1	2. Rebalan	<NO VALU	<NO VALU	300825.9	204861.1
1	2. Rebalan	<NO VALU	<NO VALU	300825.9	204861.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204861.1
19	0	0	0		
10	0	0	0		
0	0	0	0		
4.578947	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM208	1/4/2019 8:50	34.1	19.7	3.2	43	-28.1	1011
BYPWM208	1/23/2019 12:20	46.7	24.9	0.7	27.7	-0.52	969
BYPWM208	1/23/2019 12:21	46.4	24.8	0.8	28	-34.75	969
BYPWM208	2/15/2019 9:06	36.2	22.1	0.2	41.5	0.31	996
BYPWM208	3/13/2019 13:47	37.8	21	0.7	40.5	0.12	983
BYPWM208	4/9/2019 8:37	47.6	19.5	1.8	31.1	-0.07	984
BYPWM208	4/9/2019 8:41	49.2	19.8	1.1	29.9	-11.74	984
BYPWM208	5/3/2019 7:48	41.6	24.5	0	33.9	-7.33	987
BYPWM208	5/13/2019 8:24	53.5	24.9	0	21.6	-2.64	1009
BYPWM208	6/5/2019 9:40	55.6	22.1	0.2	22.1	-10.93	975
BYPWM208	7/3/2019 11:20	47.6	21.5	0.8	30.1	-20.67	999
BYPWM208	8/2/2019 8:19	44.8	21.5	0.6	33.1	-19.16	991
BYPWM208	9/6/2019 7:55	40.5	22.8	0.2	36.5	-20.33	993
BYPWM208	9/20/2019 14:40	44.1	21.8	0.5	33.6	-20.17	993
BYPWM208	10/1/2019 7:48	42	22.4	0.1	35.5	-11.51	968
BYPWM208	11/7/2019 8:57	43.1	24.3	0.5	32.1	-5.32	963
BYPWM208	12/6/2019 8:51	45.9	20.3	1.1	32.7	-3.5	975
	Count	17	17	17	17	17	17
	Max	55.6	24.9	3.2	43	0.31	1011
	Min	34.1	19.5	0	21.6	-34.75	963
	Ave	44.51176	22.22941	0.735294	32.52353	-11.54765	985.2353

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	30.97	1.73	53.8	5
<NO VALU	<NO VALU	1	0	LOW	25.07	1.88	71.6	0
<NO VALU	<NO VALU	1	0	LOW	24.99	1.87	71.2	10
<NO VALU	<NO VALU	3	0	LOW	40.75	1.64	58.3	0
<NO VALU	<NO VALU	2	0	LOW	37.87	1.8	58.8	0
<NO VALU	<NO VALU	2	0	LOW	24.33	2.44	67.1	0
<NO VALU	<NO VALU	1	0	LOW	25.76	2.48	69	40
<NO VALU	<NO VALU	2	0	LOW	33.9	1.7	66.1	40
<NO VALU	<NO VALU	4	0	LOW	21.6	2.15	78.4	20
<NO VALU	<NO VALU	1	0	LOW	21.35	2.52	77.7	20
<NO VALU	<NO VALU	2	0	LOW	27.09	2.21	69.1	20
<NO VALU	<NO VALU	2	0	LOW	30.84	2.08	66.3	20
<NO VALU	<NO VALU	0	0	LOW	35.75	1.78	63.3	20
<NO VALU	<NO VALU	3	0	LOW	31.72	2.02	65.9	20
<NO VALU	<NO VALU	0	0	LOW	35.12	1.88	64.4	20
<NO VALU	<NO VALU	1	9	LOW	30.22	1.77	67.4	20
<NO VALU	<NO VALU	1	0	LOW	28.56	2.26	66.2	20
0	0	17	17	0	17	17	17	17
0	0	4	9	0	40.75	2.52	78.4	40
0	0	0	0	0	21.35	1.64	53.8	0
#DIV/0!	#DIV/0!	1.529412	0.529412	#DIV/0!	29.75824	2.012353	66.74118	16.17647

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	2. Rebalan	<NO VALU	<NO VALU	300869	204873.3
10	1. OK	<NO VALU	<NO VALU	300869	204873.3
10	1. OK	<NO VALU	<NO VALU	300869	204873.3
0	2. Rebalan	<NO VALU	<NO VALU	300869	204873.3
0	2. Rebalan	<NO VALU	<NO VALU	300869	204873.3
40	1. OK	<NO VALU	<NO VALU	300869	204873.3
40	1. OK	<NO VALU	<NO VALU	300869	204873.3
20	1. OK	<NO VALU	<NO VALU	300869	204873.3
20	1. OK	<NO VALU	<NO VALU	300869	204873.3
20	1. OK	<NO VALU	<NO VALU	300869	204873.3
20	1. OK	<NO VALU	<NO VALU	300869	204873.3
20	1. OK	<NO VALU	<NO VALU	300869	204873.3
20	1. OK	<NO VALU	<NO VALU	300869	204873.3
20	1. OK	<NO VALU	<NO VALU	300869	204873.3
20	1. OK	<NO VALU	<NO VALU	300869	204873.3
20	1. OK	<NO VALU	<NO VALU	300869	204873.3
20	1. OK	<NO VALU	<NO VALU	300869	204873.3
17	0	0	0		
40	0	0	0		
0	0	0	0		
17.64706	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM210	1/4/2019 9:00	36.2	16.5	1.5	45.8	-0.34	1011
BYPWM210	1/23/2019 12:25	42.4	19.8	0.2	37.6	-1.56	970
BYPWM210	2/15/2019 9:14	40.8	17.9	0	41.3	-0.39	995
BYPWM210	3/13/2019 13:52	37.9	17.4	0	44.7	-1.05	982
BYPWM210	4/9/2019 8:58	47.1	17	0	35.9	-0.82	985
BYPWM210	5/3/2019 7:53	58.2	17.1	0	24.7	-1.11	987
BYPWM210	6/5/2019 9:51	61.9	16	0.1	22	-1.05	975
BYPWM210	7/3/2019 11:31	43.7	16.2	0.3	39.8	-1.24	998
BYPWM210	8/2/2019 8:37	34.1	17.2	0	48.7	-0.65	990
BYPWM210	9/6/2019 8:07	42.5	17	0	40.5	-0.65	993
BYPWM210	9/20/2019 14:52	38	15.6	0	46.4	-1.13	992
BYPWM210	10/1/2019 7:59	30.5	17.1	0.2	52.2	-1.75	968
BYPWM210	11/7/2019 9:09	74.8	16.2	0.3	8.7	-0.67	963
BYPWM210	11/7/2019 9:10	75	16.2	0.1	8.7	-0.72	963
BYPWM210	12/6/2019 9:02	54.5	15.7	0.2	29.6	-0.29	975
	Count	15	15	15	15	15	15
	Max	75	19.8	1.5	52.2	-0.29	1011
	Min	30.5	15.6	0	8.7	-1.75	963
	Ave	47.84	16.86	0.193333	35.10667	-0.894667	983.1333

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	40.16	2.19	52.7	5
<NO VALU	<NO VALU	0	0	LOW	36.85	2.14	62.2	5
<NO VALU	<NO VALU	2	0	LOW	41.3	2.28	58.7	1
<NO VALU	<NO VALU	3	0	LOW	44.7	2.18	55.3	1
<NO VALU	<NO VALU	1	0	LOW	35.9	2.77	64.1	10
<NO VALU	<NO VALU	0	0	LOW	24.7	3.4	75.3	10
<NO VALU	<NO VALU	2	0	LOW	21.62	3.87	77.9	10
<NO VALU	<NO VALU	2	0	LOW	38.67	2.7	59.9	10
<NO VALU	<NO VALU	2	0	LOW	48.7	1.98	51.3	10
<NO VALU	<NO VALU	0	0	LOW	40.5	2.5	59.5	5
<NO VALU	<NO VALU	2	0	LOW	46.4	2.44	53.6	5
<NO VALU	<NO VALU	0	0	LOW	51.45	1.78	47.6	5
<NO VALU	<NO VALU	2	9	LOW	7.57	4.62	91	1
<NO VALU	<NO VALU	2	12	LOW	8.32	4.63	91.2	5
<NO VALU	<NO VALU	1	0	LOW	28.85	3.47	70.2	5
0	0	15	15	0	15	15	15	15
0	0	3	12	0	51.45	4.63	91.2	10
0	0	0	0	0	7.57	1.78	47.6	1
#DIV/0!	#DIV/0!	1.266667	1.4	#DIV/0!	34.37933	2.863333	64.7	5.866667

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
1	2. Rebalan	<NO VALU	<NO VALU	300781.7	204797.3
5	1. OK	<NO VALU	<NO VALU	300781.7	204797.3
1	2. Rebalan	<NO VALU	<NO VALU	300781.7	204797.3
1	2. Rebalan	<NO VALU	<NO VALU	300781.7	204797.3
10	1. OK	<NO VALU	<NO VALU	300781.7	204797.3
10	1. OK	<NO VALU	<NO VALU	300781.7	204797.3
10	1. OK	<NO VALU	<NO VALU	300781.7	204797.3
10	1. OK	<NO VALU	<NO VALU	300781.7	204797.3
5	2. Rebalan	<NO VALU	<NO VALU	300781.7	204797.3
5	1. OK	<NO VALU	<NO VALU	300781.7	204797.3
5	2. Rebalan	<NO VALU	<NO VALU	300781.7	204797.3
1	2. Rebalan	<NO VALU	<NO VALU	300781.7	204797.3
5	1. OK	<NO VALU	<NO VALU	300781.7	204797.3
5	1. OK	<NO VALU	<NO VALU	300781.7	204797.3
5	1. OK	<NO VALU	<NO VALU	300781.7	204797.3
15	0	0	0		
10	0	0	0		
1	0	0	0		
5.266667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM211	1/4/2019 9:05	28.2	20.1	2	49.7	0.14	1011
BYPWM211	2/15/2019 9:10	18.5	20.9	0.1	60.5	-0.53	996
BYPWM211	3/13/2019 13:55	20.4	20.1	0	59.5	0.09	982
BYPWM211	4/9/2019 9:01	42.8	20.9	0	36.3	0.05	985
BYPWM211	4/9/2019 9:03	43	21.1	0	35.9	-1.92	985
BYPWM211	5/3/2019 7:55	41.1	20.9	0.3	37.7	-0.41	987
BYPWM211	5/13/2019 8:27	44.7	21.1	0.5	33.7	-0.6	1009
BYPWM211	6/5/2019 9:54	45.5	20.1	0.9	33.5	-0.36	975
BYPWM211	7/3/2019 11:34	47.4	19.1	1.5	32	-0.69	998
BYPWM211	8/2/2019 8:32	43.8	20.6	0	35.6	-0.29	990
BYPWM211	9/6/2019 8:12	41.3	21.9	0	36.8	-0.29	993
BYPWM211	10/1/2019 8:01	20.9	20.3	0.1	58.7	-0.7	968
BYPWM211	11/7/2019 9:16	35.5	21	0.6	42.9	-0.05	963
BYPWM211	12/6/2019 9:04	26.4	21.9	0.2	51.5	-0.16	975
	Count	14	14	14	14	14	14
	Max	47.4	21.9	2	60.5	0.14	1011
	Min	18.5	19.1	0	32	-1.92	963
	Ave	35.67857	20.71429	0.442857	43.16429	-0.408571	986.9286
	>3% O2			0			
	% > 3% O2			0			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	42.18	1.4	48.3	0
<NO VALU	<NO VALU	2	0	LOW	60.12	0.89	39.4	0
<NO VALU	<NO VALU	2	0	LOW	59.5	1.01	40.5	0
<NO VALU	<NO VALU	1	0	LOW	36.3	2.05	63.7	0
<NO VALU	<NO VALU	2	0	LOW	35.9	2.04	64.1	5
<NO VALU	<NO VALU	2	0	LOW	36.57	1.97	62	5
<NO VALU	<NO VALU	4	0	LOW	31.82	2.12	65.8	5
<NO VALU	<NO VALU	2	0	LOW	30.12	2.26	65.6	5
<NO VALU	<NO VALU	4	0	LOW	26.36	2.48	66.5	5
<NO VALU	<NO VALU	2	0	LOW	35.6	2.13	64.4	5
<NO VALU	<NO VALU	0	0	LOW	36.8	1.89	63.2	5
<NO VALU	<NO VALU	0	0	LOW	58.32	1.03	41.2	5
<NO VALU	<NO VALU	2	2	LOW	40.64	1.69	56.5	0
<NO VALU	<NO VALU	1	0	LOW	50.75	1.21	48.3	1
0	0	14	14	0	14	14	14	14
0	0	4	2	0	60.12	2.48	66.5	5
0	0	0	0	0	26.36	0.89	39.4	0
#DIV/0!	#DIV/0!	1.714286	0.142857	#DIV/0!	41.49857	1.726429	56.39286	2.928571

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	2. Rebalan	<NO VALU	<NO VALU	300825.9	204809.1
0	2. Rebalan	<NO VALU	<NO VALU	300825.9	204809.1
0	2. Rebalan	<NO VALU	<NO VALU	300825.9	204809.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204809.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204809.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204809.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204809.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204809.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204809.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204809.1
5	1. OK	<NO VALU	<NO VALU	300825.9	204809.1
0	2. Rebalan	<NO VALU	<NO VALU	300825.9	204809.1
1	2. Rebalan	<NO VALU	<NO VALU	300825.9	204809.1
0	2. Rebalan	<NO VALU	<NO VALU	300825.9	204809.1
14	0	0	0		
5	0	0	0		
0	0	0	0		
2.928571	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPWM212	1/4/2019 8:53	32.7	24.1	1.6	41.6	-5.69	1011
BYPWM212	2/15/2019 9:08	41.1	26.9	0	32	-11.14	995
BYPWM212	3/13/2019 13:49	43.3	25.3	0	31.4	-2.35	982
BYPWM212	4/9/2019 8:47	48.6	26.5	0	24.9	-2.84	984
BYPWM212	5/3/2019 7:50	51.7	27.7	0	20.6	-1.95	987
BYPWM212	6/5/2019 9:42	51.5	25.5	0	23	-3.74	975
BYPWM212	7/3/2019 11:22	49.8	25.7	0.4	24.1	-4.53	998
BYPWM212	8/2/2019 8:21	47.1	26.1	0	26.8	-3.64	990
BYPWM212	9/6/2019 7:57	44.8	27.7	0	27.5	-11.7	993
BYPWM212	9/20/2019 14:42	45.3	25.8	0	28.9	-7.92	993
BYPWM212	10/1/2019 7:50	52.6	27.8	0.1	19.5	-5.51	968
BYPWM212	11/7/2019 9:00	61.5	30	0.2	8.3	-3.29	962
BYPWM212	12/6/2019 8:54	59.9	28.8	0.3	11	-0.64	975
BYPWM212	12/6/2019 8:59	59.4	29.1	0.3	11.2	-1.38	975
	Count	14	14	14	14	14	14
	Max	61.5	30	1.6	41.6	-0.64	1011
	Min	32.7	24.1	0	8.3	-11.7	962
	Ave	49.23571	26.92857	0.207143	23.62857	-4.737143	984.8571

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	35.58	1.36	56.8	20
<NO VALU	<NO VALU	3	0	LOW	32	1.53	68	10
<NO VALU	<NO VALU	4	0	LOW	31.4	1.71	68.6	10
<NO VALU	<NO VALU	2	0	LOW	24.9	1.83	75.1	10
<NO VALU	<NO VALU	2	0	LOW	20.6	1.87	79.4	10
<NO VALU	<NO VALU	2	0	LOW	23	2.02	77	10
<NO VALU	<NO VALU	3	0	LOW	22.6	1.94	75.5	10
<NO VALU	<NO VALU	2	0	LOW	26.8	1.8	73.2	10
<NO VALU	<NO VALU	1	0	LOW	27.5	1.62	72.5	10
<NO VALU	<NO VALU	3	0	LOW	28.9	1.76	71.1	10
<NO VALU	<NO VALU	0	0	LOW	19.12	1.89	80.4	10
<NO VALU	<NO VALU	2	34	LOW	7.55	2.05	91.5	10
<NO VALU	<NO VALU	2	0	LOW	9.87	2.08	88.7	10
<NO VALU	<NO VALU	1	0	LOW	10.07	2.04	88.5	15
0	0	14	14	0	14	14	14	14
0	0	4	34	0	35.58	2.08	91.5	20
0	0	0	0	0	7.55	1.36	56.8	10
#DIV/0!	#DIV/0!	1.928571	2.428571	#DIV/0!	22.84929	1.821429	76.16429	11.07143

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
10	2. Rebalan	<NO VALU	<NO VALU	300861.8	204828.1
10	1. OK	<NO VALU	<NO VALU	300861.8	204828.1
10	1. OK	<NO VALU	<NO VALU	300861.8	204828.1
10	1. OK	<NO VALU	<NO VALU	300861.8	204828.1
10	1. OK	<NO VALU	<NO VALU	300861.8	204828.1
10	1. OK	<NO VALU	<NO VALU	300861.8	204828.1
10	1. OK	<NO VALU	<NO VALU	300861.8	204828.1
10	1. OK	<NO VALU	<NO VALU	300861.8	204828.1
10	1. OK	<NO VALU	<NO VALU	300861.8	204828.1
10	1. OK	<NO VALU	<NO VALU	300861.8	204828.1
10	1. OK	<NO VALU	<NO VALU	300861.8	204828.1
10	1. OK	<NO VALU	<NO VALU	300861.8	204828.1
20	1. OK	<NO VALU	<NO VALU	300861.8	204828.1
15	1. OK	<NO VALU	<NO VALU	300861.8	204828.1
14	0	0	0		
20	0	0	0		
10	0	0	0		
11.07143	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu

Count	0	0	0	0	0	0
Max	0	0	0	0	0	0
Min	0	0	0	0	0	0
Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	

Comment	X GPS	Y GPS	CH4 + CO2 (%)
	0	0	0
	0	0	0
	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0002	1/4/2019 9:37	54.5	24.7	0.5	20.3	-2.95	1008
BYPW0002	2/15/2019 10:04	32.4	23.6	0.3	43.7	-13.04	992
BYPW0002	3/13/2019 8:53	43.6	24.6	0.1	31.7	-5.88	975
BYPW0002	4/9/2019 9:16	45.3	24.5	0	30.2	-2.79	982
BYPW0002	5/3/2019 8:13	72.4	26	0	1.6	-2.79	983
BYPW0002	6/5/2019 10:06	45.7	23.6	0	30.7	-5.54	972
BYPW0002	6/26/2019 8:34	52.9	23.4	0.3	23.4	-2.4	992
BYPW0002	7/3/2019 11:47	47.1	22.8	0.3	29.8	-3.09	996
BYPW0002	8/2/2019 8:52	50.1	24.1	0	25.8	-1.03	988
BYPW0002	9/6/2019 8:35	43.2	24.3	0	32.5	-2.64	991
BYPW0002	9/20/2019 14:14	47.1	23.9	0	29	1.22	990
BYPW0002	9/20/2019 14:15	45.7	23.9	0	30.4	-2.01	990
BYPW0002	10/4/2019 9:50	42.8	23.9	0.2	33.1	-2.49	973
BYPW0002	11/7/2019 9:44	54.1	25.5	0.2	20.2	-13.96	959
BYPW0002	12/6/2019 9:47	44.2	24	0.5	31.3	-3.15	975
	Count	15	15	15	15	15	15
	Max	72.4	26	0.5	43.7	1.22	1008
	Min	32.4	22.8	0	1.6	-13.96	959
	Ave	48.07333	24.18667	0.16	27.58	-4.169333	984.4

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	18.42	2.21	79.2	10
<NO VALU	<NO VALU	1	0	LOW	42.57	1.37	56	10
<NO VALU	<NO VALU	1	0	LOW	31.32	1.77	68.2	5
<NO VALU	<NO VALU	0	0	LOW	30.2	1.85	69.8	5
<NO VALU	<NO VALU	2	0	LOW	1.6	2.78	98.4	5
<NO VALU	<NO VALU	1	0	LOW	30.7	1.94	69.3	5
<NO VALU	<NO VALU	1	1	LOW	22.27	2.26	76.3	5
<NO VALU	<NO VALU	3	0	LOW	28.67	2.07	69.9	5
<NO VALU	<NO VALU	2	0	LOW	25.8	2.08	74.2	5
<NO VALU	<NO VALU	0	0	LOW	32.5	1.78	67.5	5
<NO VALU	<NO VALU	2	0	LOW	29	1.97	71	5
<NO VALU	<NO VALU	1	0	LOW	30.4	1.91	69.6	8
<NO VALU	<NO VALU	0	0	LOW	32.35	1.79	66.7	5
<NO VALU	<NO VALU	1	8	LOW	19.45	2.12	79.6	5
<NO VALU	<NO VALU	1	0	LOW	29.42	1.84	68.2	5
0	0	15	15	0	15	15	15	15
0	0	3	8	0	42.57	2.78	98.4	10
0	0	0	0	0	1.6	1.37	56	5
#DIV/0!	#DIV/0!	1.066667	0.6	#DIV/0!	26.978	1.982667	72.26	5.866667

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
10	1. OK	<NO VALU	<NO VALU	300848.9	204740
5	2. Rebalan	<NO VALU	<NO VALU	300848.9	204740
5	2. Rebalan	<NO VALU	<NO VALU	300848.9	204740
5	2. Rebalan	<NO VALU	<NO VALU	300848.9	204740
5	1. OK	<NO VALU	<NO VALU	300848.9	204740
5	2. Rebalan	<NO VALU	<NO VALU	300848.9	204740
5	1. OK	<NO VALU	<NO VALU	300848.9	204740
5	2. Rebalan	<NO VALU	<NO VALU	300848.9	204740
5	1. OK	<NO VALU	<NO VALU	300848.9	204740
5	2. Rebalan	<NO VALU	<NO VALU	300848.9	204740
8	2. Rebalan	<NO VALU	<NO VALU	300848.9	204740
8	2. Rebalan	<NO VALU	<NO VALU	300848.9	204740
5	2. Rebalan	<NO VALU	<NO VALU	300848.9	204740
5	1. OK	<NO VALU	<NO VALU	300848.9	204740
5	2. Rebalan	<NO VALU	<NO VALU	300848.9	204740
15	0	0	0		
10	0	0	0		
5	0	0	0		
5.733333	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (r
BYPW0003	1/4/2019 9:51	41.3	25.8	0.3	32.6	-4.76
BYPW0003	2/15/2019 10:14	48.7	28.1	0.3	22.9	-2.04
BYPW0003	3/13/2019 9:06	47.5	27.8	0.1	24.6	-2.74
BYPW0003	4/9/2019 9:22	42.5	25.5	0	32	-6.56
BYPW0003	4/12/2019 8:53	50.3	26.5	0.3	22.9	-1.32
BYPW0003	5/3/2019 8:15	56.1	27.9	0	16	-3.34
BYPW0003	6/5/2019 10:12	65.9	27.7	0.5	5.9	-1.13
BYPW0003	6/5/2019 10:13	64.5	30.8	0.1	4.6	-2.98
BYPW0003	7/3/2019 11:54	53.8	25.5	0.4	20.3	-1.75
BYPW0003	8/2/2019 8:56	50.4	25.6	0	24	-1.85
BYPW0003	8/14/2019 9:49	52.5	26	0	21.5	-1.11
BYPW0003	9/13/2019 8:48	38.4	25.2	0.2	36.2	-12.28
BYPW0003	9/27/2019 13:43	57.9	29.3	0.1	12.7	-0.43
BYPW0003	9/27/2019 13:44	57.2	30.6	0	12.2	-1.85
BYPW0003	10/4/2019 9:55	42.8	25.5	0.3	31.4	-0.55
BYPW0003	10/25/2019 12:39	38.5	25.9	0.1	35.5	-5.8
BYPW0003	11/7/2019 9:56	60.8	28.1	0.2	10.9	-1.73
BYPW0003	12/6/2019 9:58	45.8	25.9	0.5	27.8	-0.45
BYPW0003	12/20/2019 8:08	64.4	28.6	0.1	6.9	-2.95
	Count	19	19	19	19	19
	Max	65.9	30.8	0.5	36.2	-0.43
	Min	38.4	25.2	0	4.6	-12.28
	Ave	51.54211	27.17368	0.184211	21.1	-2.927368

Atm Pres	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
1009	<NO VALU	<NO VALU	0	0	LOW	31.47	1.6	67.1
993	<NO VALU	<NO VALU	3	0	LOW	21.77	1.73	76.8
977	<NO VALU	<NO VALU	1	0	LOW	24.22	1.71	75.3
982	<NO VALU	<NO VALU	2	0	LOW	32	1.67	68
997	<NO VALU	<NO VALU	3	0	LOW	21.77	1.9	76.8
984	<NO VALU	<NO VALU	1	0	LOW	16	2.01	84
973	<NO VALU	<NO VALU	0	0	LOW	4.02	2.38	93.6
973	<NO VALU	<NO VALU	1	0	LOW	4.22	2.09	95.3
996	<NO VALU	<NO VALU	3	0	LOW	18.8	2.11	79.3
987	<NO VALU	<NO VALU	2	0	LOW	24	1.97	76
976	<NO VALU	<NO VALU	0	0	LOW	21.5	2.02	78.5
1006	<NO VALU	<NO VALU	0	0	LOW	35.45	1.52	63.6
968	<NO VALU	<NO VALU	0	0	LOW	12.32	1.98	87.2
968	<NO VALU	<NO VALU	0	0	LOW	12.2	1.87	87.8
973	<NO VALU	<NO VALU	0	0	LOW	30.27	1.68	68.3
975	<NO VALU	<NO VALU	1	0	LOW	35.12	1.49	64.4
960	<NO VALU	<NO VALU	5	25	LOW	10.15	2.16	88.9
973	<NO VALU	<NO VALU	1	0	LOW	25.92	1.77	71.7
945	<NO VALU	<NO VALU	1	0	LOW	6.52	2.25	93
19	0	0	19	19	0	19	19	19
1009	0	0	5	25	0	35.45	2.38	95.3
945	0	0	0	0	0	4.02	1.49	63.6
979.7368	#DIV/0!	#DIV/0!	1.263158	1.315789	#DIV/0!	20.40632	1.89	78.71579

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
10	10	2. Rebalan	<NO VALU	<NO VALU	300871.9	204770.6
10	10	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
10	10	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
10	5	2. Rebalan	<NO VALU	<NO VALU	300871.9	204770.6
5	5	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
5	5	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
5	10	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
10	10	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
10	10	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
10	10	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
5	5	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
10	5	2. Rebalan	<NO VALU	<NO VALU	300871.9	204770.6
5	10	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
10	10	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
10	5	2. Rebalan	<NO VALU	<NO VALU	300871.9	204770.6
5	5	2. Rebalan	<NO VALU	<NO VALU	300871.9	204770.6
5	5	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
5	5	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
5	10	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
19	19	0	0	0		
10	10	0	0	0		
5	5	0	0	0		
7.631579	7.631579	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0004	1/4/2019 9:56	42	33.6	0.2	24.2	-41.49	1008
BYPW0004	2/15/2019 10:20	53.7	36.4	0.1	9.8	-48.7	992
BYPW0004	2/15/2019 10:21	53.9	36.7	0	9.4	-55.32	992
BYPW0004	3/13/2019 9:11	49.6	34.7	0	15.7	-45.34	976
BYPW0004	4/9/2019 9:27	45.6	34.1	0	20.3	-43.89	981
BYPW0004	4/12/2019 8:57	45.1	32.2	0	22.7	-37.84	993
BYPW0004	5/3/2019 8:20	56.4	34.8	0	8.8	-16.31	983
BYPW0004	6/5/2019 10:17	46.4	31.5	0	22.1	-24.8	972
BYPW0004	7/3/2019 11:59	45.3	31.1	0.3	23.3	-34.56	995
BYPW0004	8/2/2019 9:01	36.4	31.1	0	32.5	-32.18	987
BYPW0004	8/14/2019 9:51	57	32.7	0	10.3	-15.66	977
BYPW0004	9/13/2019 8:53	40.9	32.5	0	26.6	-38	1002
BYPW0004	9/27/2019 13:47	40.8	31.7	0	27.5	-22.81	969
BYPW0004	10/4/2019 9:59	45.1	33.7	0.2	21	-22.06	972
BYPW0004	11/7/2019 10:00	50.3	33.5	0.1	16.1	-36.38	960
BYPW0004	12/6/2019 10:03	36.2	27.8	3.8	32.2	-38.12	971
BYPW0004	12/20/2019 8:12	66.7	34	0	0	-13.13	947
	Count	17	17	17	17	17	17
	Max	66.7	36.7	3.8	32.5	-13.13	1008
	Min	36.2	27.8	0	0	-55.32	947
	Ave	47.72941	33.06471	0.276471	18.97059	-33.32882	981

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	23.45	1.25	75.6	20
<NO VALU	<NO VALU	3	1	LOW	9.42	1.48	90.1	20
<NO VALU	<NO VALU	3	0	LOW	9.4	1.47	90.6	40
<NO VALU	<NO VALU	3	0	LOW	15.7	1.43	84.3	40
<NO VALU	<NO VALU	2	0	LOW	20.3	1.34	79.7	40
<NO VALU	<NO VALU	3	0	LOW	22.7	1.4	77.3	40
<NO VALU	<NO VALU	3	0	LOW	8.8	1.62	91.2	40
<NO VALU	<NO VALU	1	0	LOW	22.1	1.47	77.9	40
<NO VALU	<NO VALU	4	0	LOW	22.17	1.46	76.4	40
<NO VALU	<NO VALU	3	0	LOW	32.5	1.17	67.5	40
<NO VALU	<NO VALU	0	0	LOW	10.3	1.74	89.7	20
<NO VALU	<NO VALU	0	0	LOW	26.6	1.26	73.4	20
<NO VALU	<NO VALU	0	0	LOW	27.5	1.29	72.5	10
<NO VALU	<NO VALU	1	0	LOW	20.25	1.34	78.8	10
<NO VALU	<NO VALU	4	46	LOW	15.72	1.5	83.8	10
<NO VALU	<NO VALU	0	0	LOW	17.91	1.3	64	10
<NO VALU	<NO VALU	1	0	LOW	0	1.96	100.7	10
0	0	17	17	0	17	17	17	17
0	0	4	46	0	32.5	1.96	100.7	40
0	0	0	0	0	0	1.17	64	10
#DIV/0!	#DIV/0!	1.823529	2.764706	#DIV/0!	17.93059	1.44	80.79412	26.47059

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
20	1. OK	<NO VALU	<NO VALU	300894.4	204758.4
40	1. OK	<NO VALU	<NO VALU	300894.4	204758.4
40	1. OK	<NO VALU	<NO VALU	300894.4	204758.4
40	1. OK	<NO VALU	<NO VALU	300894.4	204758.4
40	1. OK	<NO VALU	<NO VALU	300894.4	204758.4
40	1. OK	<NO VALU	<NO VALU	300894.4	204758.4
40	1. OK	<NO VALU	<NO VALU	300894.4	204758.4
40	1. OK	<NO VALU	<NO VALU	300894.4	204758.4
40	1. OK	<NO VALU	<NO VALU	300894.4	204758.4
20	2. Rebalan	<NO VALU	<NO VALU	300894.4	204758.4
20	1. OK	<NO VALU	<NO VALU	300894.4	204758.4
10	2. Rebalan	<NO VALU	<NO VALU	300894.4	204758.4
10	2. Rebalan	<NO VALU	<NO VALU	300894.4	204758.4
10	1. OK	<NO VALU	<NO VALU	300894.4	204758.4
10	1. OK	<NO VALU	<NO VALU	300894.4	204758.4
5	2. Rebalan	<NO VALU	<NO VALU	300894.4	204758.4
15	1. OK	<NO VALU	<NO VALU	300894.4	204758.4
17	0	0	0		
40	0	0	0		
5	0	0	0		
25.88235	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0005	1/4/2019 9:58	57.2	41.4	0.3	1.1	-2.55	1008
BYPW0005	1/4/2019 10:00	49.4	38.7	0	11.9	-4.35	1008
BYPW0005	2/15/2019 10:24	42.1	35.5	0	22.4	-9.8	992
BYPW0005	3/13/2019 9:13	50.9	36.7	0	12.4	-9.03	976
BYPW0005	3/13/2019 9:14	50.6	37.6	0	11.8	-10.76	976
BYPW0005	4/9/2019 9:29	40.7	35	0	24.3	-8.57	981
BYPW0005	4/12/2019 9:00	57	40.9	0	2.1	-4.28	993
BYPW0005	5/3/2019 8:22	57.2	41.1	0	1.7	3.86	983
BYPW0005	5/3/2019 8:23	56.9	41.7	0	1.4	-0.72	983
BYPW0005	6/5/2019 10:20	57.5	40.1	0	2.4	-2.24	972
BYPW0005	7/3/2019 12:01	58.1	38.7	0.4	2.8	-3.07	995
BYPW0005	7/3/2019 12:02	57.7	39	0.2	3.1	-11.32	995
BYPW0005	8/2/2019 9:03	40.1	35.2	0	24.7	-5.64	987
BYPW0005	8/14/2019 9:53	57.7	41	0	1.3	-0.39	977
BYPW0005	8/14/2019 9:55	57	41.6	0	1.4	-1.63	977
BYPW0005	9/13/2019 8:55	51.5	38.8	0	9.7	-4.6	1003
BYPW0005	10/4/2019 10:01	41.8	37.4	0.1	20.7	-3.64	972
BYPW0005	11/7/2019 10:02	52.6	38.1	0.1	9.2	-7.63	959
BYPW0005	12/6/2019 10:07	46.1	35.6	0.7	17.6	-3.72	972
BYPW0005	12/20/2019 8:14	58.7	41.6	0	0	-2.07	946
	Count	20	20	20	20	20	20
	Max	58.7	41.7	0.7	24.7	3.86	1008
	Min	40.1	35	0	0	-11.32	946
	Ave	52.04	38.785	0.09	9.1	-4.6075	982.75
	>3% O2			0			
	% > 3% O2			0			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	1	0	LOW	0	1.38	98.6	10
<NO VALU	<NO VALU	1	0	LOW	11.9	1.28	88.1	20
<NO VALU	<NO VALU	4	0	LOW	22.4	1.19	77.6	20
<NO VALU	<NO VALU	3	1	LOW	12.4	1.39	87.6	20
<NO VALU	<NO VALU	3	2	LOW	11.8	1.35	88.2	30
<NO VALU	<NO VALU	2	1	LOW	24.3	1.16	75.7	30
<NO VALU	<NO VALU	3	3	LOW	2.1	1.39	97.9	20
<NO VALU	<NO VALU	2	0	LOW	1.7	1.39	98.3	0
<NO VALU	<NO VALU	3	0	LOW	1.4	1.36	98.6	20
<NO VALU	<NO VALU	3	0	LOW	2.4	1.43	97.6	20
<NO VALU	<NO VALU	5	1	LOW	1.3	1.5	96.8	25
<NO VALU	<NO VALU	5	1	LOW	2.35	1.48	96.7	30
<NO VALU	<NO VALU	2	1	LOW	24.7	1.14	75.3	30
<NO VALU	<NO VALU	0	3	LOW	1.3	1.41	98.7	20
<NO VALU	<NO VALU	0	4	LOW	1.4	1.37	98.6	30
<NO VALU	<NO VALU	1	0	LOW	9.7	1.33	90.3	20
<NO VALU	<NO VALU	0	0	LOW	20.32	1.12	79.2	20
<NO VALU	<NO VALU	5	65	LOW	8.82	1.38	90.7	20
<NO VALU	<NO VALU	1	0	LOW	14.97	1.29	81.7	20
<NO VALU	<NO VALU	2	0	LOW	0	1.41	100.3	20
0	0	20	20	0	20	20	20	20
0	0	5	65	0	24.7	1.5	100.3	30
0	0	0	0	0	0	1.12	75.3	0
#DIV/0!	#DIV/0!	2.3	4.1	#DIV/0!	8.763	1.3375	90.825	21.25

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
20	1. OK	<NO VALU	<NO VALU	300902	204726.6
20	1. OK	<NO VALU	<NO VALU	300902	204726.6
20	1. OK	<NO VALU	<NO VALU	300902	204726.6
30	1. OK	<NO VALU	<NO VALU	300902	204726.6
30	1. OK	<NO VALU	<NO VALU	300902	204726.6
20	1. OK	<NO VALU	<NO VALU	300902	204726.6
30	1. OK	<NO VALU	<NO VALU	300902	204726.6
20	1. OK	<NO VALU	<NO VALU	300902	204726.6
20	1. OK	<NO VALU	<NO VALU	300902	204726.6
25	1. OK	<NO VALU	<NO VALU	300902	204726.6
30	1. OK	<NO VALU	<NO VALU	300902	204726.6
30	1. OK	<NO VALU	<NO VALU	300902	204726.6
20	1. OK	<NO VALU	<NO VALU	300902	204726.6
30	1. OK	<NO VALU	<NO VALU	300902	204726.6
30	1. OK	<NO VALU	<NO VALU	300902	204726.6
20	1. OK	<NO VALU	<NO VALU	300902	204726.6
20	1. OK	<NO VALU	<NO VALU	300902	204726.6
20	1. OK	<NO VALU	<NO VALU	300902	204726.6
20	1. OK	<NO VALU	<NO VALU	300902	204726.6
20	1. OK	<NO VALU	<NO VALU	300902	204726.6
20		0	0	0	
30		0	0	0	
20		0	0	0	
23.75	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0006	1/4/2019 10:08	41.5	34.9	0.3	23.3	-7.88	1008
BYPW0006	2/15/2019 10:35	51.1	34.8	0.1	14	-3.82	992
BYPW0006	3/13/2019 9:27	47.7	34.5	0.1	17.7	-6.6	976
BYPW0006	4/9/2019 9:36	37.1	32.5	0	30.4	-11.84	981
BYPW0006	4/15/2019 11:21	42.6	32.8	0.2	24.4	-2.54	982
BYPW0006	5/3/2019 8:35	57.1	36	0	6.9	-0.53	984
BYPW0006	6/5/2019 10:30	45.3	35.3	0	19.4	-7.06	973
BYPW0006	7/3/2019 12:11	44.6	33.4	0.4	21.6	-6.52	994
BYPW0006	8/2/2019 9:21	38.7	32.8	0	28.5	-4.08	987
BYPW0006	8/14/2019 10:01	55.1	37.7	0	7.2	-0.87	977
BYPW0006	8/14/2019 10:02	54.1	38.2	0	7.7	-2.14	977
BYPW0006	9/13/2019 9:04	48.3	36.1	0.1	15.5	-6.38	1003
BYPW0006	9/13/2019 9:05	47.9	36.3	0	15.8	-7.89	1003
BYPW0006	10/4/2019 10:05	44.8	36.7	0.2	18.3	-5.82	972
BYPW0006	11/7/2019 10:10	49.9	36.6	0.1	13.4	-8.54	960
BYPW0006	12/6/2019 10:13	43	32.9	1.2	22.9	-6.11	972
BYPW0006	12/6/2019 10:19	37.2	22.5	1.2	39.1	-2.91	-
	Count	17	17	17	17	17	16
	Max	57.1	38.2	1.2	39.1	-0.53	1008
	Min	37.1	22.5	0	6.9	-11.84	960
	Ave	46.23529	34.35294	0.229412	19.18235	-5.384118	983.8125

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	22.17	1.19	76.4	10
<NO VALU	<NO VALU	4	0	LOW	13.62	1.47	85.9	10
<NO VALU	<NO VALU	2	0	LOW	17.32	1.38	82.2	10
<NO VALU	<NO VALU	2	1	LOW	30.4	1.14	69.6	10
<NO VALU	<NO VALU	3	0	LOW	23.65	1.3	75.4	5
<NO VALU	<NO VALU	0	0	LOW	6.9	1.59	93.1	5
<NO VALU	<NO VALU	1	0	LOW	19.4	1.28	80.6	5
<NO VALU	<NO VALU	3	0	LOW	20.1	1.34	78	5
<NO VALU	<NO VALU	2	0	LOW	28.5	1.18	71.5	5
<NO VALU	<NO VALU	0	1	LOW	7.2	1.46	92.8	3
<NO VALU	<NO VALU	0	0	LOW	7.7	1.42	92.3	5
<NO VALU	<NO VALU	0	0	LOW	15.12	1.34	84.4	3
<NO VALU	<NO VALU	0	0	LOW	15.8	1.32	84.2	10
<NO VALU	<NO VALU	0	0	LOW	17.55	1.22	81.5	10
<NO VALU	<NO VALU	6	36	LOW	13.02	1.36	86.5	10
<NO VALU	<NO VALU	0	0	LOW	18.39	1.31	75.9	10
<NO VALU	<NO VALU	0	0	LOW	34.59	1.65	59.7	5
0	0	17	17	0	17	17	17	17
0	0	6	36	0	34.59	1.65	93.1	10
0	0	0	0	0	6.9	1.14	59.7	3
#DIV/0!	#DIV/0!	1.352941	2.235294	#DIV/0!	18.31941	1.35	80.58824	7.117647

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
10	1. OK	<NO VALU	<NO VALU	300887.7	204707
10	1. OK	<NO VALU	<NO VALU	300887.7	204707
10	1. OK	<NO VALU	<NO VALU	300887.7	204707
5	2. Rebalan	<NO VALU	<NO VALU	300887.7	204707
5	1. OK	<NO VALU	<NO VALU	300887.7	204707
5	1. OK	<NO VALU	<NO VALU	300887.7	204707
5	1. OK	<NO VALU	<NO VALU	300887.7	204707
5	1. OK	<NO VALU	<NO VALU	300887.7	204707
3	2. Rebalan	<NO VALU	<NO VALU	300887.7	204707
5	1. OK	<NO VALU	<NO VALU	300887.7	204707
5	1. OK	<NO VALU	<NO VALU	300887.7	204707
10	1. OK	<NO VALU	<NO VALU	300887.7	204707
10	1. OK	<NO VALU	<NO VALU	300887.7	204707
10	1. OK	<NO VALU	<NO VALU	300887.7	204707
10	1. OK	<NO VALU	<NO VALU	300887.7	204707
10	1. OK	<NO VALU	<NO VALU	300887.7	204707
1	2. Rebalan	<NO VALU	<NO VALU	300887.7	204707
17		0	0	0	
10		0	0	0	
1		0	0	0	
7	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0007	1/4/2019 10:06	56.3	42.7	0	1	-3.22	1008
BYPW0007	2/15/2019 10:33	37.4	28.9	5.5	28.2	-12.34	992
BYPW0007	3/13/2019 9:25	46.5	37	3.4	13.1	-0.02	976
BYPW0007	4/9/2019 9:34	35.2	27.8	5.3	31.7	-0.34	981
BYPW0007	4/12/2019 9:03	49.1	38.8	1.9	10.2	0	993
BYPW0007	4/12/2019 9:05	48.7	38.7	2	10.6	0	993
BYPW0007	5/3/2019 8:31	40.4	30.6	5.5	23.5	0.22	984
BYPW0007	6/5/2019 10:27	43.7	32.4	4.6	19.3	-1.94	973
BYPW0007	7/3/2019 12:04	57.5	42.1	0.3	0.1	0.58	995
BYPW0007	7/3/2019 12:06	51.6	39.1	1.7	7.6	-4.48	993
BYPW0007	8/2/2019 9:19	38.7	31.6	3.9	25.8	-2.57	987
BYPW0007	8/14/2019 9:57	55.6	43.4	0	1	-0.02	976
BYPW0007	8/14/2019 9:58	55.2	43.3	0	1.5	-3.02	976
BYPW0007	9/13/2019 8:59	43.3	33.5	3.9	19.3	-0.1	1002
BYPW0007	9/13/2019 9:01	43.4	33.3	3.9	19.4	-29.42	1002
BYPW0007	10/4/2019 10:03	44.1	37.4	2.3	16.2	-6.6	972
BYPW0007	11/7/2019 10:08	44	31.7	5.3	19	-8.54	959
BYPW0007	12/6/2019 10:11	42.1	34.1	5	18.8	-0.52	971
	Count	18	18	18	18	18	18
	Max	57.5	43.4	5.5	31.7	0.58	1008
	Min	35.2	27.8	0	0.1	-29.42	959
	Ave	46.26667	35.91111	3.027778	14.79444	-4.018333	985.1667

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	3	21	LOW	1	1.32	99	10
<NO VALU	<NO VALU	4	12	LOW	7.52	1.29	66.3	10
<NO VALU	<NO VALU	5	11	LOW	0.32	1.26	83.5	0
<NO VALU	<NO VALU	2	6	LOW	11.77	1.27	63	0
<NO VALU	<NO VALU	6	50	LOW	3.06	1.27	87.9	0
<NO VALU	<NO VALU	5	0	LOW	3.08	1.26	87.4	-
<NO VALU	<NO VALU	3	1	LOW	2.82	1.32	71	0
<NO VALU	<NO VALU	2	0	LOW	2	1.35	76.1	0
<NO VALU	<NO VALU	7	17	LOW	0	1.37	99.6	0
<NO VALU	<NO VALU	7	27	LOW	1.21	1.32	90.7	10
<NO VALU	<NO VALU	3	10	LOW	11.14	1.22	70.3	10
<NO VALU	<NO VALU	0	0	LOW	1	1.28	99	0
<NO VALU	<NO VALU	0	1	LOW	1.5	1.27	98.5	10
<NO VALU	<NO VALU	1	12	LOW	4.64	1.29	76.8	0
<NO VALU	<NO VALU	1	3	LOW	4.74	1.3	76.7	10
<NO VALU	<NO VALU	1	6	LOW	7.55	1.18	81.5	10
<NO VALU	<NO VALU	7	287	LOW	0	1.39	75.7	10
<NO VALU	<NO VALU	2	0	LOW	0	1.23	76.2	5
0	0	18	18	0	18	18	18	17
0	0	7	287	0	11.77	1.39	99.6	10
0	0	0	0	0	0	1.18	63	0
#DIV/0!	#DIV/0!	3.277778	25.77778	#DIV/0!	3.519444	1.288333	82.17778	5

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
10	1. OK	<NO VALU	<NO VALU	300923.6	204729
0	2. Rebalan	<NO VALU	<NO VALU	300923.6	204729
0	2. Rebalan	<NO VALU	<NO VALU	300923.6	204729
0	2. Rebalan	<NO VALU	<NO VALU	300923.6	204729
10	1. OK	<NO VALU	<NO VALU	300923.6	204729
-	No comme	<NO VALU	<NO VALU	300923.6	204729
0	2. Rebalan	<NO VALU	<NO VALU	300923.6	204729
0	2. Rebalan	<NO VALU	<NO VALU	300923.6	204729
10	1. OK	<NO VALU	<NO VALU	300923.6	204729
10	1. OK	<NO VALU	<NO VALU	300923.6	204729
0	2. Rebalan	<NO VALU	<NO VALU	300923.6	204729
10	1. OK	<NO VALU	<NO VALU	300923.6	204729
10	1. OK	<NO VALU	<NO VALU	300923.6	204729
10	1. OK	<NO VALU	<NO VALU	300923.6	204729
10	2. Rebalan	<NO VALU	<NO VALU	300923.6	204729
10	1. OK	<NO VALU	<NO VALU	300923.6	204729
5	2. Rebalan	<NO VALU	<NO VALU	300923.6	204729
3	2. Rebalan	<NO VALU	<NO VALU	300923.6	204729
17	0	0	0		
10	0	0	0		
0	0	0	0		
5.764706	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0008	1/4/2019 10:11	33.3	28	0	38.7	-3.6	1008
BYPW0008	2/15/2019 10:38	35.5	30.5	0	34	-5.35	992
BYPW0008	3/13/2019 9:30	35.3	27.8	0	36.9	-0.19	977
BYPW0008	4/9/2019 9:39	24.1	24.3	0	51.6	-0.34	981
BYPW0008	4/15/2019 11:25	32.4	25.9	0.5	41.2	-0.19	983
BYPW0008	5/3/2019 8:37	51.8	27.6	0	20.6	0.21	984
BYPW0008	5/3/2019 8:38	53.3	29.1	0	17.6	-0.6	984
BYPW0008	6/5/2019 10:32	37	25.7	0.5	36.8	-3.03	973
BYPW0008	6/26/2019 9:47	39.4	26	0.3	34.3	-3.21	996
BYPW0008	7/3/2019 12:15	39.1	26.7	0.4	33.8	-2.69	996
BYPW0008	8/2/2019 9:24	34.5	27.6	0	37.9	-1.18	987
BYPW0008	8/14/2019 10:04	55.5	27.6	0	16.9	0.38	977
BYPW0008	8/14/2019 10:06	56.1	26.4	0	17.5	-0.33	977
BYPW0008	9/13/2019 9:08	43.5	26.6	0.1	29.8	-0.07	1003
BYPW0008	9/13/2019 9:10	43.2	27.3	0	29.5	-3.88	1003
BYPW0008	10/4/2019 10:07	32.7	28.3	0.2	38.8	-2.68	972
BYPW0008	11/7/2019 10:12	47.6	31	0.1	21.3	-3.45	960
BYPW0008	11/7/2019 10:14	48.8	31.9	0.1	19.2	-4.81	959
BYPW0008	12/6/2019 10:23	35.3	26.3	1.2	37.2	-2.77	972
	Count	19	19	19	19	19	19
	Max	56.1	31.9	1.2	51.6	0.38	1008
	Min	24.1	24.3	0	16.9	-5.35	959
	Ave	40.96842	27.61053	0.178947	31.24211	-1.988421	983.3684

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	38.7	1.19	61.3	5
<NO VALU	<NO VALU	3	0	LOW	34	1.16	66	1
<NO VALU	<NO VALU	3	1	LOW	36.9	1.27	63.1	0
<NO VALU	<NO VALU	2	0	LOW	51.6	0.99	48.4	0
<NO VALU	<NO VALU	2	0	LOW	39.32	1.25	58.3	0
<NO VALU	<NO VALU	2	0	LOW	20.6	1.88	79.4	0
<NO VALU	<NO VALU	1	0	LOW	17.6	1.83	82.4	5
<NO VALU	<NO VALU	1	0	LOW	34.92	1.44	62.7	5
<NO VALU	<NO VALU	1	0	LOW	33.17	1.52	65.4	1
<NO VALU	<NO VALU	4	0	LOW	32.3	1.46	65.8	1
<NO VALU	<NO VALU	3	1	LOW	37.9	1.25	62.1	1
<NO VALU	<NO VALU	0	0	LOW	16.9	2.01	83.1	0
<NO VALU	<NO VALU	0	0	LOW	17.5	2.13	82.5	5
<NO VALU	<NO VALU	0	1	LOW	29.42	1.64	70.1	0
<NO VALU	<NO VALU	0	1	LOW	29.5	1.58	70.5	5
<NO VALU	<NO VALU	0	0	LOW	38.05	1.16	61	5
<NO VALU	<NO VALU	6	86	LOW	20.92	1.54	78.6	0
<NO VALU	<NO VALU	6	91	LOW	18.82	1.53	80.7	5
<NO VALU	<NO VALU	1	0	LOW	32.69	1.34	61.6	5
0	0	19	19	0	19	19	19	19
0	0	6	91	0	51.6	2.13	83.1	5
0	0	0	0	0	16.9	0.99	48.4	0
#DIV/0!	#DIV/0!	1.842105	9.526316	#DIV/0!	30.56895	1.482632	68.57895	2.315789

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
1	2. Rebalan	<NO VALU	<NO VALU	300926	204699.1
0	2. Rebalan	<NO VALU	<NO VALU	300926	204699.1
0	2. Rebalan	<NO VALU	<NO VALU	300926	204699.1
0	2. Rebalan	<NO VALU	<NO VALU	300926	204699.1
0	2. Rebalan	<NO VALU	<NO VALU	300926	204699.1
5	1. OK	<NO VALU	<NO VALU	300926	204699.1
5	1. OK	<NO VALU	<NO VALU	300926	204699.1
1	2. Rebalan	<NO VALU	<NO VALU	300926	204699.1
1	2. Rebalan	<NO VALU	<NO VALU	300926	204699.1
1	2. Rebalan	<NO VALU	<NO VALU	300926	204699.1
0	2. Rebalan	<NO VALU	<NO VALU	300926	204699.1
5	1. OK	<NO VALU	<NO VALU	300926	204699.1
5	1. OK	<NO VALU	<NO VALU	300926	204699.1
5	2. Rebalan	<NO VALU	<NO VALU	300926	204699.1
5	2. Rebalan	<NO VALU	<NO VALU	300926	204699.1
0	2. Rebalan	<NO VALU	<NO VALU	300926	204699.1
5	1. OK	<NO VALU	<NO VALU	300926	204699.1
5	1. OK	<NO VALU	<NO VALU	300926	204699.1
0	2. Rebalan	<NO VALU	<NO VALU	300926	204699.1
19		0	0	0	
5		0	0	0	
0		0	0	0	
2.315789	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga
BYPW0009	1/4/2019 10:14	40.2	34.7	0	25.1
BYPW0009	2/15/2019 10:41	53.9	37.7	0.1	8.3
BYPW0009	2/15/2019 10:42	53.7	37.9	0	8.4
BYPW0009	3/13/2019 9:33	48.6	36.8	0.1	14.5
BYPW0009	4/9/2019 9:41	42.5	35.4	0	22.1
BYPW0009	4/15/2019 11:27	50.6	35.8	0	13.6
BYPW0009	5/3/2019 8:41	57.6	38.3	0	4.1
BYPW0009	6/5/2019 10:34	45.1	34.2	0	20.7
BYPW0009	7/3/2019 12:18	41	32.8	0.3	25.9
BYPW0009	8/2/2019 9:27	44.6	34.7	0	20.7
BYPW0009	8/14/2019 10:09	56.6	37.3	0	6.1
BYPW0009	8/14/2019 10:10	57.5	38.8	0	3.7
BYPW0009	9/13/2019 9:12	48.4	36.4	0	15.2
BYPW0009	10/4/2019 10:10	44.9	38.1	0.1	16.9
BYPW0009	11/7/2019 10:17	48	37.6	0.1	14.3
BYPW0009	12/6/2019 10:25	43.4	33.5	1.3	21.8
	Count	16	16	16	16
	Max	57.6	38.8	1.3	25.9
	Min	40.2	32.8	0	3.7
	Ave	48.5375	36.25	0.125	15.0875

Vacuum (m	Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r
-9.6	1009	<NO VALU	<NO VALU	0	0	LOW	25.1	1.16
-3.77	993	<NO VALU	<NO VALU	3	0	LOW	7.92	1.43
-5.62	993	<NO VALU	<NO VALU	3	0	LOW	8.4	1.42
-7.57	977	<NO VALU	<NO VALU	2	0	LOW	14.12	1.32
-9.92	982	<NO VALU	<NO VALU	2	0	LOW	22.1	1.2
-2.09	984	<NO VALU	<NO VALU	3	0	LOW	13.6	1.41
-3.99	984	<NO VALU	<NO VALU	1	0	LOW	4.1	1.5
-9.44	973	<NO VALU	<NO VALU	1	0	LOW	20.7	1.32
-7.84	996	<NO VALU	<NO VALU	4	0	LOW	24.77	1.25
-3.41	988	<NO VALU	<NO VALU	3	0	LOW	20.7	1.29
-2.08	978	<NO VALU	<NO VALU	0	0	LOW	6.1	1.52
-2.59	978	<NO VALU	<NO VALU	0	0	LOW	3.7	1.48
-6.98	1004	<NO VALU	<NO VALU	1	0	LOW	15.2	1.33
-5.18	973	<NO VALU	<NO VALU	0	0	LOW	16.52	1.18
-7.99	961	<NO VALU	<NO VALU	5	32	LOW	13.92	1.28
-7.7	972	<NO VALU	<NO VALU	1	0	LOW	16.91	1.3
16	16	0	0	16	16	0	16	16
-2.08	1009	0	0	5	32	0	25.1	1.52
-9.92	961	0	0	0	0	0	3.7	1.16
-5.985625	984.0625	#DIV/0!	#DIV/0!	1.8125	2	#DIV/0!	14.61625	1.336875

Original Va	Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
74.9	40	30	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
91.6	30	40	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
91.6	40	40	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
85.4	40	40	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
77.9	40	30	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
86.4	30	30	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
95.9	30	40	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
79.3	40	40	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
73.8	40	30	2. Rebalan	<NO VALU	<NO VALU	300908.7	204664.2
79.3	30	30	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
93.9	30	40	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
96.3	40	40	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
84.8	30	30	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
83	30	30	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
85.6	30	30	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
76.9	30	30	1. OK	<NO VALU	<NO VALU	300908.7	204664.2
16	16	16	0	0	0		
96.3	40	40	0	0	0		
73.8	30	30	0	0	0		
84.7875	34.375	34.375	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0011	1/4/2019 9:54	48.1	34.6	0.5	16.8	-4.61	1008
BYPW0011	2/15/2019 10:16	49.2	35.6	0.4	14.8	-5.04	992
BYPW0011	2/15/2019 10:17	49.9	36.2	0	13.9	-6.17	992
BYPW0011	3/13/2019 9:08	51.6	35.6	0.5	12.3	-7.68	976
BYPW0011	4/9/2019 9:24	44.4	35	0	20.6	-5.88	981
BYPW0011	4/12/2019 8:55	48.5	35.4	0.1	16	-3.53	993
BYPW0011	5/3/2019 8:18	52.8	36.5	0	10.7	-2.96	983
BYPW0011	6/5/2019 10:15	49.2	36.3	0	14.5	-3.99	972
BYPW0011	7/3/2019 11:56	45.2	34.9	0.4	19.5	-6	995
BYPW0011	8/2/2019 8:58	43.8	36.1	0.1	20	-6.14	987
BYPW0011	9/13/2019 8:50	47.1	36.9	0.2	15.8	-4.48	1002
BYPW0011	10/4/2019 9:57	43.3	36.9	0.3	19.5	-8.29	972
BYPW0011	11/7/2019 9:58	52.9	36.8	0.3	10	-9.4	960
BYPW0011	12/6/2019 10:01	34.9	29.5	1.8	33.8	-10.97	972
BYPW0011	12/20/2019 8:10	59.8	36.8	0	3.4	-3.22	946
	Count	15	15	15	15	15	15
	Max	59.8	36.9	1.8	33.8	-2.96	1008
	Min	34.9	29.5	0	3.4	-10.97	946
	Ave	48.04667	35.54	0.306667	16.10667	-5.890667	982.0667

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	2	0	LOW	14.92	1.39	82.7	5
<NO VALU	<NO VALU	3	0	LOW	13.3	1.38	84.8	5
<NO VALU	<NO VALU	4	1	LOW	13.9	1.38	86.1	10
<NO VALU	<NO VALU	2	0	LOW	10.42	1.45	87.2	10
<NO VALU	<NO VALU	3	0	LOW	20.6	1.27	79.4	10
<NO VALU	<NO VALU	3	1	LOW	15.62	1.37	83.9	10
<NO VALU	<NO VALU	2	1	LOW	10.7	1.45	89.3	10
<NO VALU	<NO VALU	2	0	LOW	14.5	1.36	85.5	10
<NO VALU	<NO VALU	4	0	LOW	18	1.3	80.1	10
<NO VALU	<NO VALU	4	1	LOW	19.62	1.21	79.9	10
<NO VALU	<NO VALU	0	2	LOW	15.05	1.28	84	10
<NO VALU	<NO VALU	0	0	LOW	18.37	1.17	80.2	10
<NO VALU	<NO VALU	3	152	LOW	8.87	1.44	89.7	10
<NO VALU	<NO VALU	0	0	LOW	27.03	1.18	64.4	10
<NO VALU	<NO VALU	1	0	LOW	3.4	1.63	96.6	10
0	0	15	15	0	15	15	15	15
0	0	4	152	0	27.03	1.63	96.6	10
0	0	0	0	0	3.4	1.17	64.4	5
#DIV/0!	#DIV/0!	2.2	10.53333	#DIV/0!	14.95333	1.350667	83.58667	9.333333

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	1. OK	<NO VALU	<NO VALU	300884.3	204795.7
10	1. OK	<NO VALU	<NO VALU	300884.3	204795.7
10	1. OK	<NO VALU	<NO VALU	300884.3	204795.7
10	1. OK	<NO VALU	<NO VALU	300884.3	204795.7
10	1. OK	<NO VALU	<NO VALU	300884.3	204795.7
10	1. OK	<NO VALU	<NO VALU	300884.3	204795.7
10	1. OK	<NO VALU	<NO VALU	300884.3	204795.7
10	1. OK	<NO VALU	<NO VALU	300884.3	204795.7
10	1. OK	<NO VALU	<NO VALU	300884.3	204795.7
10	1. OK	<NO VALU	<NO VALU	300884.3	204795.7
10	1. OK	<NO VALU	<NO VALU	300884.3	204795.7
10	1. OK	<NO VALU	<NO VALU	300884.3	204795.7
10	1. OK	<NO VALU	<NO VALU	300884.3	204795.7
5	2. Rebalan	<NO VALU	<NO VALU	300884.3	204795.7
15	1. OK	<NO VALU	<NO VALU	300884.3	204795.7
15	0	0	0		
15	0	0	0		
5	0	0	0		
9.666667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
	Count	0	0	0	0	0	0
	Max	0	0	0	0	0	0
	Min	0	0	0	0	0	0
	Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	>3% O2			#REF!			
	% > 3% O2			#REF!			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Comment	X GPS	Y GPS	CH4 + CO2 (%)
0	0	0	0
0	0	0	0
0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0501	1/11/2019 12:13	43.8	26.9	0.2	29.1	-1.71	997
BYPW0501	2/8/2019 13:21	35.8	27.2	0.2	36.8	-2.14	957
BYPW0501	3/13/2019 8:25	43.7	26.7	0	29.6	-1.53	974
BYPW0501	4/9/2019 14:16	62.7	24.6	0	12.7	-0.86	981
BYPW0501	4/9/2019 14:18	62.9	24.9	0	12.2	-1.08	981
BYPW0501	5/10/2019 8:13	61.2	27.7	0	11.1	-0.84	974
BYPW0501	6/5/2019 11:29	57.6	26.8	0	15.6	-0.57	971
BYPW0501	7/9/2019 10:50	41.3	27.1	0.1	31.5	-0.05	989
BYPW0501	8/9/2019 12:03	32.5	27.1	0	40.4	-0.36	964
BYPW0501	9/6/2019 10:00	55.7	30.2	0	14.1	-0.39	989
BYPW0501	10/1/2019 8:21	42.4	29.6	0	28	-0.74	963
BYPW0501	11/7/2019 13:47	51.2	29.3	0.2	19.3	-2.36	959
BYPW0501	12/20/2019 11:59	60.5	27.3	0	12.2	-2	946
	Count	13	13	13	13	13	13
	Max	62.9	30.2	0.2	40.4	-0.05	997
	Min	32.5	24.6	0	11.1	-2.36	946
	Ave	50.1	27.33846	0.053846	22.50769	-1.125385	972.6923

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	3	0	LOW	28.35	1.63	70.7	5
<NO VALU	<NO VALU	1	0	LOW	36.05	1.32	63	5
<NO VALU	<NO VALU	1	0	LOW	29.6	1.64	70.4	5
<NO VALU	<NO VALU	1	0	LOW	12.7	2.55	87.3	5
<NO VALU	<NO VALU	2	0	LOW	12.2	2.53	87.8	10
<NO VALU	<NO VALU	2	0	LOW	11.1	2.21	88.9	10
<NO VALU	<NO VALU	2	0	LOW	15.6	2.15	84.4	10
<NO VALU	<NO VALU	5	13	LOW	31.12	1.52	68.4	10
<NO VALU	<NO VALU	4	1	LOW	40.4	1.2	59.6	10
<NO VALU	<NO VALU	0	0	LOW	14.1	1.84	85.9	5
<NO VALU	<NO VALU	0	0	LOW	28	1.43	72	5
<NO VALU	<NO VALU	7	19	LOW	18.55	1.75	80.5	5
<NO VALU	<NO VALU	0	0	LOW	12.2	2.22	87.8	5
0	0	13	13	0	13	13	13	13
0	0	7	19	0	40.4	2.55	88.9	10
0	0	0	0	0	11.1	1.2	59.6	5
#DIV/0!	#DIV/0!	2.153846	2.538462	#DIV/0!	22.30538	1.845385	77.43846	6.923077

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	2. Rebalan	<NO VALU	<NO VALU	300889.9	205091.8
1	2. Rebalan	<NO VALU	<NO VALU	300889.9	205091.8
5	2. Rebalan	<NO VALU	<NO VALU	300889.9	205091.8
10	1. OK	<NO VALU	<NO VALU	300889.9	205091.8
10	1. OK	<NO VALU	<NO VALU	300889.9	205091.8
10	1. OK	<NO VALU	<NO VALU	300889.9	205091.8
10	1. OK	<NO VALU	<NO VALU	300889.9	205091.8
10	1. OK	<NO VALU	<NO VALU	300889.9	205091.8
5	2. Rebalan	<NO VALU	<NO VALU	300889.9	205091.8
5	1. OK	<NO VALU	<NO VALU	300889.9	205091.8
5	1. OK	<NO VALU	<NO VALU	300889.9	205091.8
5	1. OK	<NO VALU	<NO VALU	300889.9	205091.8
10	1. OK	<NO VALU	<NO VALU	300889.9	205091.8
13		0	0	0	
10		0	0	0	
1		0	0	0	
7	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0502	1/11/2019 12:15	35	21.9	0.8	42.3	-1.46	997
BYPW0502	2/8/2019 13:28	46.5	25.3	1.5	26.7	-2.01	957
BYPW0502	3/13/2019 8:29	17.7	9.5	13.2	59.6	-0.91	974
BYPW0502	4/9/2019 14:21	9.6	4.7	17.6	68.1	-0.24	981
BYPW0502	5/10/2019 8:16	0.7	1.1	19.4	78.8	0.1	974
BYPW0502	6/5/2019 11:35	44.5	19.1	3.8	32.6	-1.49	971
BYPW0502	7/9/2019 10:28	0	0.1	20.5	79.4	-0.36	988
BYPW0502	8/9/2019 12:05	67.7	27.3	0	5	0.58	964
BYPW0502	8/9/2019 12:07	66.4	27.4	0	6.2	-1.99	964
BYPW0502	9/6/2019 10:04	45.2	23.1	1.6	30.1	-3.84	989
BYPW0502	10/1/2019 8:27	41.7	23.7	1.2	33.4	-6.69	963
BYPW0502	11/7/2019 13:50	60.1	25.6	1.8	12.5	-0.5	960
BYPW0502	12/20/2019 12:02	45.4	22.6	3.5	28.5	-0.41	946
	Count	13	13	13	13	13	13
	Max	67.7	27.4	20.5	79.4	0.58	997
	Min	0	0.1	0	5	-6.69	946
	Ave	36.96154	17.8	6.530769	38.70769	-1.478462	971.3846
	>3% O2			6			
	% > 3% O2			46.15385			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	5	0	LOW	39.29	1.6	56.9	10
<NO VALU	<NO VALU	0	0	LOW	21.06	1.84	71.8	5
<NO VALU	<NO VALU	4	0	LOW	9.97	1.86	27.2	0
<NO VALU	<NO VALU	5	0	LOW	1.92	2.04	14.3	0
<NO VALU	<NO VALU	2	0	LOW	5.86	0.64	1.8	0
<NO VALU	<NO VALU	3	0	LOW	18.31	2.33	63.6	0
<NO VALU	<NO VALU	0	1	LOW	2.32	0	0.1	0
<NO VALU	<NO VALU	5	1	LOW	5	2.48	95	0
<NO VALU	<NO VALU	4	0	LOW	6.2	2.42	93.8	30
<NO VALU	<NO VALU	1	0	LOW	24.08	1.96	68.3	30
<NO VALU	<NO VALU	0	0	LOW	28.89	1.76	65.4	30
<NO VALU	<NO VALU	8	25	LOW	5.73	2.35	85.7	10
<NO VALU	<NO VALU	2	0	LOW	15.34	2.01	68	10
0	0	13	13	0	13	13	13	13
0	0	8	25	0	39.29	2.48	95	30
0	0	0	0	0	1.92	0	0.1	0
#DIV/0!	#DIV/0!	3	2.076923	#DIV/0!	14.15154	1.791538	54.76154	9.615385

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	2. Rebalan	<NO VALU	<NO VALU	300888	205042.1
5	2. Rebalan	<NO VALU	<NO VALU	300888	205042.1
0	2. Rebalan	<NO VALU	<NO VALU	300888	205042.1
0	2. Rebalan	<NO VALU	<NO VALU	300888	205042.1
0	2. Rebalan	<NO VALU	<NO VALU	300888	205042.1
0	2. Rebalan	<NO VALU	<NO VALU	300888	205042.1
0	2. Rebalan	<NO VALU	<NO VALU	300888	205042.1
30	1. OK	<NO VALU	<NO VALU	300888	205042.1
30	1. OK	<NO VALU	<NO VALU	300888	205042.1
30	2. Rebalan	<NO VALU	<NO VALU	300888	205042.1
10	2. Rebalan	<NO VALU	<NO VALU	300888	205042.1
10	1. OK	<NO VALU	<NO VALU	300888	205042.1
5	2. Rebalan	<NO VALU	<NO VALU	300888	205042.1
13	0	0	0		
30	0	0	0		
0	0	0	0		
9.615385	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0503	1/11/2019 12:26	43.4	24.5	0.3	31.8	-0.5	997
BYPW0503	2/8/2019 13:39	47.4	26.8	0.2	25.6	-9.01	957
BYPW0503	3/13/2019 8:40	46.6	25.9	0	27.5	-3.22	974
BYPW0503	4/9/2019 14:33	67.8	28.3	0.4	3.5	-1.06	981
BYPW0503	5/10/2019 8:26	61.9	27.7	0	10.4	-0.84	974
BYPW0503	6/5/2019 11:47	53.7	24.4	0.5	21.4	-1.13	972
BYPW0503	7/9/2019 10:42	54	25	0.2	20.8	-0.55	989
BYPW0503	8/9/2019 12:21	54.6	25.5	0	19.9	-2.86	964
BYPW0503	9/6/2019 10:14	52.1	25.2	0	22.7	-6.35	989
BYPW0503	10/1/2019 8:38	45.4	25	0.1	29.5	-10.4	963
BYPW0503	11/7/2019 14:05	57.3	26.9	0.1	15.7	-4.32	959
BYPW0503	12/20/2019 12:13	55.3	26.8	0	17.9	-2.64	947
	Count	12	12	12	12	12	12
	Max	67.8	28.3	0.5	31.8	-0.5	997
	Min	43.4	24.4	0	3.5	-10.4	947
	Ave	53.29167	26	0.15	20.55833	-3.573333	972.1667

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	1	0	LOW	30.67	1.77	67.9	40
<NO VALU	<NO VALU	2	0	LOW	24.85	1.77	74.2	20
<NO VALU	<NO VALU	2	0	LOW	27.5	1.8	72.5	20
<NO VALU	<NO VALU	2	0	LOW	2	2.4	96.1	20
<NO VALU	<NO VALU	3	0	LOW	10.4	2.23	89.6	50
<NO VALU	<NO VALU	1	0	LOW	19.52	2.2	78.1	50
<NO VALU	<NO VALU	2	9	LOW	20.05	2.16	79	50
<NO VALU	<NO VALU	3	0	LOW	19.9	2.14	80.1	50
<NO VALU	<NO VALU	0	0	LOW	22.7	2.07	77.3	50
<NO VALU	<NO VALU	0	0	LOW	29.12	1.82	70.4	50
<NO VALU	<NO VALU	9	13	LOW	15.32	2.13	84.2	40
<NO VALU	<NO VALU	1	0	LOW	17.9	2.06	82.1	40
0	0	12	12	0	12	12	12	12
0	0	9	13	0	30.67	2.4	96.1	50
0	0	0	0	0	2	1.77	67.9	20
#DIV/0!	#DIV/0!	2.166667	1.833333	#DIV/0!	19.99417	2.045833	79.29167	40

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
20	2. Rebalan	<NO VALU	<NO VALU	300870.2	204949.2
20	1. OK	<NO VALU	<NO VALU	300870.2	204949.2
20	2. Rebalan	<NO VALU	<NO VALU	300870.2	204949.2
50	1. OK	<NO VALU	<NO VALU	300870.2	204949.2
50	1. OK	<NO VALU	<NO VALU	300870.2	204949.2
50	1. OK	<NO VALU	<NO VALU	300870.2	204949.2
50	1. OK	<NO VALU	<NO VALU	300870.2	204949.2
50	1. OK	<NO VALU	<NO VALU	300870.2	204949.2
50	1. OK	<NO VALU	<NO VALU	300870.2	204949.2
40	2. Rebalan	<NO VALU	<NO VALU	300870.2	204949.2
40	1. OK	<NO VALU	<NO VALU	300870.2	204949.2
40	1. OK	<NO VALU	<NO VALU	300870.2	204949.2
12		0	0	0	
50		0	0	0	
20		0	0	0	
40		#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0504	1/4/2019 9:08	29.6	24.1	0.1	46.2	0.17	1012
BYPW0504	1/23/2019 12:35	56.1	30.4	0.1	13.4	-0.49	969
BYPW0504	1/23/2019 12:36	49.5	29.9	0.1	20.5	-4.1	969
BYPW0504	2/15/2019 9:19	38.6	25.4	0	36	-0.69	995
BYPW0504	3/13/2019 13:57	38	24.7	0	37.3	-0.67	982
BYPW0504	4/9/2019 8:49	45.6	26.1	0	28.3	0.1	984
BYPW0504	4/9/2019 8:51	45.4	26.7	0	27.9	-1.54	984
BYPW0504	5/3/2019 7:57	43.9	25.1	0	31	-0.91	987
BYPW0504	5/13/2019 8:30	46.6	25.6	0	27.8	-0.93	1009
BYPW0504	6/5/2019 9:45	64.9	28.4	0.1	6.6	-1.89	975
BYPW0504	7/3/2019 11:24	43.9	23.8	0.3	32	-2.93	998
BYPW0504	8/2/2019 8:24	48.9	26.8	0	24.3	-2.01	990
BYPW0504	9/6/2019 8:01	48.2	27	0	24.8	-1.89	993
BYPW0504	10/1/2019 7:53	40.9	25.5	0	33.6	-1.08	968
BYPW0504	11/7/2019 9:02	61.2	29.3	0.3	9.2	-0.41	962
BYPW0504	11/7/2019 9:04	61.4	29.4	0.1	9.1	-1.08	962
BYPW0504	12/6/2019 9:06	58.3	27.4	0.2	14.1	-0.27	976
	Count	17	17	17	17	17	17
	Max	64.9	30.4	0.3	46.2	0.17	1012
	Min	29.6	23.8	0	6.6	-4.1	962
	Ave	48.29412	26.8	0.076471	24.82941	-1.212941	983.2353
	>3% O2			0			
	% > 3% O2			0			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	45.82	1.23	53.7	0
<NO VALU	<NO VALU	2	0	LOW	13.02	1.85	86.5	0
<NO VALU	<NO VALU	2	0	LOW	20.12	1.66	79.4	5
<NO VALU	<NO VALU	2	0	LOW	36	1.52	64	0
<NO VALU	<NO VALU	4	0	LOW	37.3	1.54	62.7	0
<NO VALU	<NO VALU	4	0	LOW	28.3	1.75	71.7	0
<NO VALU	<NO VALU	2	0	LOW	27.9	1.7	72.1	5
<NO VALU	<NO VALU	3	0	LOW	31	1.75	69	5
<NO VALU	<NO VALU	4	0	LOW	27.8	1.82	72.2	5
<NO VALU	<NO VALU	4	0	LOW	6.22	2.29	93.3	5
<NO VALU	<NO VALU	3	0	LOW	30.87	1.84	67.7	8
<NO VALU	<NO VALU	3	0	LOW	24.3	1.82	75.7	5
<NO VALU	<NO VALU	1	0	LOW	24.8	1.79	75.2	5
<NO VALU	<NO VALU	0	0	LOW	33.6	1.6	66.4	5
<NO VALU	<NO VALU	3	28	LOW	8.07	2.09	90.5	5
<NO VALU	<NO VALU	3	27	LOW	8.72	2.09	90.8	10
<NO VALU	<NO VALU	3	0	LOW	13.35	2.13	85.7	3
0	0	17	17	0	17	17	17	17
0	0	4	28	0	45.82	2.29	93.3	10
0	0	0	0	0	6.22	1.23	53.7	0
#DIV/0!	#DIV/0!	2.529412	3.235294	#DIV/0!	24.54059	1.792353	75.09412	3.882353

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	2. Rebalan	<NO VALU	<NO VALU	300856.5	204895.6
5	1. OK	<NO VALU	<NO VALU	300856.5	204895.6
5	1. OK	<NO VALU	<NO VALU	300856.5	204895.6
0	2. Rebalan	<NO VALU	<NO VALU	300856.5	204895.6
0	2. Rebalan	<NO VALU	<NO VALU	300856.5	204895.6
5	1. OK	<NO VALU	<NO VALU	300856.5	204895.6
5	1. OK	<NO VALU	<NO VALU	300856.5	204895.6
5	1. OK	<NO VALU	<NO VALU	300856.5	204895.6
5	1. OK	<NO VALU	<NO VALU	300856.5	204895.6
8	1. OK	<NO VALU	<NO VALU	300856.5	204895.6
5	2. Rebalan	<NO VALU	<NO VALU	300856.5	204895.6
5	1. OK	<NO VALU	<NO VALU	300856.5	204895.6
5	1. OK	<NO VALU	<NO VALU	300856.5	204895.6
5	2. Rebalan	<NO VALU	<NO VALU	300856.5	204895.6
10	1. OK	<NO VALU	<NO VALU	300856.5	204895.6
10	1. OK	<NO VALU	<NO VALU	300856.5	204895.6
8	1. OK	<NO VALU	<NO VALU	300856.5	204895.6
17	0	0	0		
10	0	0	0		
0	0	0	0		
5.058824	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0505	1/4/2019 9:10	30.1	25.4	0.3	44.2	-0.87	1011
BYPW0505	2/15/2019 9:23	36.1	29.6	0	34.3	-0.09	995
BYPW0505	3/13/2019 13:59	44.1	27.5	0	28.4	-1.78	983
BYPW0505	4/9/2019 8:55	34.8	25.1	0	40.1	-0.87	985
BYPW0505	5/3/2019 8:00	43.8	25	0	31.2	0	987
BYPW0505	5/3/2019 8:01	43.5	25.3	0	31.2	-0.41	987
BYPW0505	5/13/2019 8:33	46.5	25.9	0	27.6	-0.94	1009
BYPW0505	6/5/2019 9:49	49	26	0	25	-0.74	975
BYPW0505	7/3/2019 11:26	57	27.4	0.3	15.3	-0.63	998
BYPW0505	7/3/2019 11:28	56.6	27.7	0.2	15.5	-1.42	998
BYPW0505	8/2/2019 8:26	45.2	26.1	0	28.7	-0.69	990
BYPW0505	9/6/2019 8:04	31.9	26.6	0	41.5	-0.62	993
BYPW0505	9/20/2019 14:47	30.7	25.3	0	44	0.62	992
BYPW0505	10/1/2019 7:56	41.1	26.6	0.2	32.1	-0.33	968
BYPW0505	11/7/2019 9:06	43.3	24.6	0.1	32	-0.39	962
BYPW0505	12/6/2019 9:09	44.3	25.2	0.2	30.3	-0.39	976
	Count	16	16	16	16	16	16
	Max	57	29.6	0.3	44.2	0.62	1011
	Min	30.1	24.6	0	15.3	-1.78	962
	Ave	42.375	26.20625	0.08125	31.3375	-0.596875	988.0625

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	43.07	1.19	55.5	5
<NO VALU	<NO VALU	2	0	LOW	34.3	1.22	65.7	1
<NO VALU	<NO VALU	3	0	LOW	28.4	1.6	71.6	1
<NO VALU	<NO VALU	1	0	LOW	40.1	1.39	59.9	1
<NO VALU	<NO VALU	2	0	LOW	31.2	1.75	68.8	0
<NO VALU	<NO VALU	1	0	LOW	31.2	1.72	68.8	5
<NO VALU	<NO VALU	3	0	LOW	27.6	1.8	72.4	5
<NO VALU	<NO VALU	2	0	LOW	25	1.88	75	5
<NO VALU	<NO VALU	2	1	LOW	14.17	2.08	84.4	5
<NO VALU	<NO VALU	2	1	LOW	14.75	2.04	84.3	10
<NO VALU	<NO VALU	2	0	LOW	28.7	1.73	71.3	5
<NO VALU	<NO VALU	0	0	LOW	41.5	1.2	58.5	5
<NO VALU	<NO VALU	4	0	LOW	44	1.21	56	0
<NO VALU	<NO VALU	1	0	LOW	31.35	1.55	67.7	3
<NO VALU	<NO VALU	2	22	LOW	31.62	1.76	67.9	3
<NO VALU	<NO VALU	2	0	LOW	29.55	1.76	69.5	5
0	0	16	16	0	16	16	16	16
0	0	4	22	0	44	2.08	84.4	10
0	0	0	0	0	14.17	1.19	55.5	0
#DIV/0!	#DIV/0!	1.8125	1.5	#DIV/0!	31.03188	1.6175	68.58125	3.6875

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
1	2. Rebalan	<NO VALU	<NO VALU	300845.4	204783.4
1	2. Rebalan	<NO VALU	<NO VALU	300845.4	204783.4
1	2. Rebalan	<NO VALU	<NO VALU	300845.4	204783.4
0	2. Rebalan	<NO VALU	<NO VALU	300845.4	204783.4
5	2. Rebalan	<NO VALU	<NO VALU	300845.4	204783.4
5	2. Rebalan	<NO VALU	<NO VALU	300845.4	204783.4
5	1. OK	<NO VALU	<NO VALU	300845.4	204783.4
5	1. OK	<NO VALU	<NO VALU	300845.4	204783.4
10	1. OK	<NO VALU	<NO VALU	300845.4	204783.4
10	1. OK	<NO VALU	<NO VALU	300845.4	204783.4
5	2. Rebalan	<NO VALU	<NO VALU	300845.4	204783.4
3	2. Rebalan	<NO VALU	<NO VALU	300845.4	204783.4
0	2. Rebalan	<NO VALU	<NO VALU	300845.4	204783.4
3	2. Rebalan	<NO VALU	<NO VALU	300845.4	204783.4
3	2. Rebalan	<NO VALU	<NO VALU	300845.4	204783.4
5	2. Rebalan	<NO VALU	<NO VALU	300845.4	204783.4
16	0	0	0		
10	0	0	0		
0	0	0	0		
3.875	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0515	1/4/2019 10:17	56.4	42.1	0.4	1.1	-0.15	1009
BYPW0515	2/15/2019 10:47	17.1	24	0.9	58	-0.26	993
BYPW0515	3/13/2019 9:37	61.2	39.2	0	0	-0.19	977
BYPW0515	3/13/2019 9:39	60.9	39.4	0	0	-0.45	977
BYPW0515	4/9/2019 9:44	12.7	22.1	1.5	63.7	-0.39	981
BYPW0515	5/3/2019 8:43	56.2	42.3	0	1.5	0.31	984
BYPW0515	5/3/2019 8:45	55.8	42.6	0	1.6	-0.15	984
BYPW0515	6/5/2019 10:37	17.7	23.8	0	58.5	-0.09	973
BYPW0515	7/3/2019 12:21	56.5	41	0.4	2.1	0.67	996
BYPW0515	7/3/2019 12:23	55.8	41.1	0.2	2.9	-0.15	996
BYPW0515	8/2/2019 9:30	33.3	30.3	0	36.4	-1.53	988
BYPW0515	9/13/2019 9:36	56.2	42.2	0.2	1.4	-0.02	1003
BYPW0515	9/13/2019 9:37	55.4	42.5	0	2.1	-0.58	1003
BYPW0515	10/4/2019 10:20	24.6	30.5	0.4	44.5	-0.34	973
BYPW0515	11/7/2019 10:19	64	41.4	0.1	0	-0.04	960
BYPW0515	11/7/2019 10:21	64	41.4	0.1	0	-0.95	960
BYPW0515	12/6/2019 10:28	63.1	42.8	0.2	0	-0.2	972
	Count	17	17	17	17	17	17
	Max	64	42.8	1.5	63.7	0.67	1009
	Min	12.7	22.1	0	0	-1.53	960
	Ave	47.7	36.98235	0.258824	16.10588	-0.265294	984.0588

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	3	LOW	0	1.34	98.5	5
<NO VALU	<NO VALU	4	0	LOW	54.62	0.71	41.1	5
<NO VALU	<NO VALU	1	0	LOW	0	1.56	100.4	0
<NO VALU	<NO VALU	2	0	LOW	0	1.55	100.3	1
<NO VALU	<NO VALU	2	0	LOW	58.06	0.57	34.8	1
<NO VALU	<NO VALU	2	0	LOW	1.5	1.33	98.5	0
<NO VALU	<NO VALU	3	0	LOW	1.6	1.31	98.4	5
<NO VALU	<NO VALU	0	0	LOW	58.5	0.74	41.5	5
<NO VALU	<NO VALU	6	0	LOW	0.6	1.38	97.5	0
<NO VALU	<NO VALU	6	1	LOW	2.15	1.36	96.9	1
<NO VALU	<NO VALU	3	0	LOW	36.4	1.1	63.6	1
<NO VALU	<NO VALU	2	0	LOW	0.65	1.33	98.4	0
<NO VALU	<NO VALU	1	0	LOW	2.1	1.3	97.9	5
<NO VALU	<NO VALU	0	0	LOW	43	0.81	55.1	5
<NO VALU	<NO VALU	6	214	LOW	0	1.55	105.4	0
<NO VALU	<NO VALU	6	214	LOW	0	1.55	105.4	5
<NO VALU	<NO VALU	2	0	LOW	0	1.47	105.9	5
0	0	17	17	0	17	17	17	17
0	0	6	214	0	58.5	1.56	105.9	5
0	0	0	0	0	0	0.57	34.8	0
#DIV/0!	#DIV/0!	2.705882	25.41176	#DIV/0!	15.24588	1.232941	84.68235	2.588235

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	1. OK	<NO VALU	<NO VALU	300949	204678.9
0	2. Rebalan	<NO VALU	<NO VALU	300949	204678.9
1	1. OK	<NO VALU	<NO VALU	300949	204678.9
1	1. OK	<NO VALU	<NO VALU	300949	204678.9
0	2. Rebalan	<NO VALU	<NO VALU	300949	204678.9
5	1. OK	<NO VALU	<NO VALU	300949	204678.9
5	1. OK	<NO VALU	<NO VALU	300949	204678.9
0	2. Rebalan	<NO VALU	<NO VALU	300949	204678.9
1	1. OK	<NO VALU	<NO VALU	300949	204678.9
1	1. OK	<NO VALU	<NO VALU	300949	204678.9
0	2. Rebalan	<NO VALU	<NO VALU	300949	204678.9
5	1. OK	<NO VALU	<NO VALU	300949	204678.9
5	1. OK	<NO VALU	<NO VALU	300949	204678.9
0	2. Rebalan	<NO VALU	<NO VALU	300949	204678.9
5	1. OK	<NO VALU	<NO VALU	300949	204678.9
5	1. OK	<NO VALU	<NO VALU	300949	204678.9
7	1. OK	<NO VALU	<NO VALU	300949	204678.9
17	0	0	0		
7	0	0	0		
0	0	0	0		
2.705882	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0516	1/4/2019 10:20	44.7	37.6	0.2	17.5	-8.24	1008
BYPW0516	2/15/2019 10:51	57.2	42	0	0.8	-6.72	992
BYPW0516	2/15/2019 10:52	56.6	42.1	0	1.3	-11.65	992
BYPW0516	3/13/2019 9:46	43.1	34	0.1	22.8	-14.65	976
BYPW0516	4/9/2019 9:47	41.8	34.9	0	23.3	-14.28	981
BYPW0516	4/12/2019 9:11	55.8	42.2	0.1	1.9	-2.69	993
BYPW0516	5/3/2019 8:47	50.8	34	0	15.2	-4.7	983
BYPW0516	6/5/2019 10:41	46.6	34.3	0	19.1	-8.38	973
BYPW0516	7/3/2019 12:26	39.1	31.1	0.3	29.5	-21.94	995
BYPW0516	8/2/2019 9:33	45.2	33.3	0	21.5	-4.12	986
BYPW0516	9/13/2019 9:41	41.9	32.8	0	25.3	-15.08	1003
BYPW0516	10/4/2019 10:23	60.1	37	0.3	2.6	-2.64	972
BYPW0516	10/4/2019 10:24	59.7	37.7	0.1	2.5	-4.77	972
BYPW0516	11/7/2019 10:23	52.2	37.7	0.1	10	-7.93	960
BYPW0516	12/6/2019 10:30	37.5	30.5	1.7	30.3	-16.6	972
	Count	15	15	15	15	15	15
	Max	60.1	42.2	1.7	30.3	-2.64	1008
	Min	37.5	30.5	0	0.8	-21.94	960
	Ave	48.82	36.08	0.193333	14.90667	-9.626	983.8667

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	1	0	LOW	16.75	1.19	82.3	5
<NO VALU	<NO VALU	5	0	LOW	0.8	1.36	99.2	5
<NO VALU	<NO VALU	5	0	LOW	1.3	1.34	98.7	10
<NO VALU	<NO VALU	3	0	LOW	22.42	1.27	77.1	10
<NO VALU	<NO VALU	3	1	LOW	23.3	1.2	76.7	10
<NO VALU	<NO VALU	4	1	LOW	1.52	1.32	98	5
<NO VALU	<NO VALU	3	3	LOW	15.2	1.49	84.8	5
<NO VALU	<NO VALU	3	0	LOW	19.1	1.36	80.9	5
<NO VALU	<NO VALU	6	2	LOW	28.37	1.26	70.2	10
<NO VALU	<NO VALU	4	4	LOW	21.5	1.36	78.5	5
<NO VALU	<NO VALU	1	8	LOW	25.3	1.28	74.7	5
<NO VALU	<NO VALU	0	0	LOW	1.47	1.62	97.1	5
<NO VALU	<NO VALU	0	0	LOW	2.12	1.58	97.4	8
<NO VALU	<NO VALU	7	251	LOW	9.62	1.38	89.9	8
<NO VALU	<NO VALU	1	1	LOW	23.91	1.23	68	8
0	0	15	15	0	15	15	15	15
0	0	7	251	0	28.37	1.62	99.2	10
0	0	0	0	0	0.8	1.19	68	5
#DIV/0!	#DIV/0!	3.066667	18.06667	#DIV/0!	14.17867	1.349333	84.9	6.933333

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	1. OK	<NO VALU	<NO VALU	300952.8	204740
10	1. OK	<NO VALU	<NO VALU	300952.8	204740
10	1. OK	<NO VALU	<NO VALU	300952.8	204740
10	1. OK	<NO VALU	<NO VALU	300952.8	204740
5	1. OK	<NO VALU	<NO VALU	300952.8	204740
10	1. OK	<NO VALU	<NO VALU	300952.8	204740
5	1. OK	<NO VALU	<NO VALU	300952.8	204740
5	1. OK	<NO VALU	<NO VALU	300952.8	204740
5	2. Rebalan	<NO VALU	<NO VALU	300952.8	204740
5	1. OK	<NO VALU	<NO VALU	300952.8	204740
5	2. Rebalan	<NO VALU	<NO VALU	300952.8	204740
8	1. OK	<NO VALU	<NO VALU	300952.8	204740
8	1. OK	<NO VALU	<NO VALU	300952.8	204740
8	1. OK	<NO VALU	<NO VALU	300952.8	204740
5	2. Rebalan	<NO VALU	<NO VALU	300952.8	204740
15	0	0	0		
10	0	0	0		
5	0	0	0		
6.933333	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
	Count	0	0	0	0	0	0
	Max	0	0	0	0	0	0
	Min	0	0	0	0	0	0
	Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Comment	X GPS	Y GPS	CH4 + CO2 (%)
0	0	0	0
0	0	0	0
0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0601	1/10/2017 11:23	58.5	40.9	0.1	0.5	-3.65	977
BYPW0601	2/8/2017 13:05	51.2	37.8	0.1	10.9	-10.24	990
BYPW0601	3/3/2017 11:58	54	38.5	0.1	7.4	-5.59	957
BYPW0601	4/21/2017 12:00	58.6	40.8	0	0.6	-3.38	997
BYPW0601	4/21/2017 12:02	59.6	39.3	0	1.1	-4.15	997
BYPW0601	5/12/2017 12:27	48	37.5	0	14.5	-3.97	960
BYPW0601	6/2/2017 13:07	59.7	40.8	0	0	-3.11	981
BYPW0601	6/16/2017 13:32	55.4	39.1	0.1	5.4	-2.86	990
BYPW0601	7/4/2017 12:07	50.8	38.7	0.1	10.4	-3.69	985
BYPW0601	8/11/2017 9:08	56	39.7	0	4.3	-10.95	984
BYPW0601	8/11/2017 9:10	56	39.8	0	4.2	-18.57	984
BYPW0601	9/14/2017 14:17	47.4	36.3	0.1	16.2	-15.82	975
BYPW0601	10/4/2017 12:16	48.1	35.2	0	16.7	-18.44	987
BYPW0601	11/10/2017 12:43	57.7	38.8	0	3.5	-16.15	981
BYPW0601	11/10/2017 12:45	57.8	38.7	0	3.5	-22.11	981
BYPW0601	1/4/2019 12:14	38.8	31.3	0	29.9	-25.69	1006
BYPW0601	1/15/2019 11:22	60.8	38	0	1.2	-3.31	976
BYPW0601	1/15/2019 11:23	61	37.6	0	1.4	-12.14	976
BYPW0601	2/15/2019 13:32	57.5	35.6	0	6.9	-14.76	989
BYPW0601	2/15/2019 13:33	57.1	35.5	0	7.4	-24.49	989
BYPW0601	3/13/2019 10:09	61.7	38.7	0	0	-22.3	976
BYPW0601	3/13/2019 10:10	61.4	39.1	0	0	-36.04	976
BYPW0601	4/9/2019 11:31	58	36.1	0	5.9	-53.35	980
BYPW0601	5/3/2019 11:11	56.8	36.7	0	6.5	-14.41	982
BYPW0601	6/5/2019 13:25	40.9	31.2	0	27.9	-29.48	972
BYPW0601	7/3/2019 14:01	56.1	34.4	0.2	9.3	-14.7	994
BYPW0601	7/3/2019 14:02	55.7	34.7	0.1	9.5	-24.38	994
BYPW0601	8/2/2019 13:11	35.3	31.1	0	33.6	-20.52	987
BYPW0601	8/14/2019 12:44	56.7	36.5	0	6.8	-9.88	976
BYPW0601	8/14/2019 12:45	56.4	36.4	0	7.2	-21.36	976
BYPW0601	9/13/2019 11:03	50	35.9	0	14.1	-17.99	1002
BYPW0601	10/1/2019 10:33	50.8	35.1	0.1	14	-27.26	964
BYPW0601	11/7/2019 11:12	63.6	38.1	0.2	0	-33.31	959
BYPW0601	11/7/2019 11:14	63.7	38.2	0.1	0	-35.33	959
BYPW0601	12/20/2019 8:30	59	37	0	4	-37.49	945
	Count	35	35	35	35	35	35
	Max	63.7	40.9	0.2	33.6	-2.86	1006
	Min	35.3	31.1	0	0	-53.35	945
	Ave	54.86	37.11714	0.037143	8.137143	-17.73914	980.1143

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	4	26	LOW	0.12	1.43	99.4	10
<NO VALU	<NO VALU	8	21	LOW	10.52	1.35	89	10
<NO VALU	<NO VALU	8	20	LOW	7.02	1.4	92.5	10
<NO VALU	<NO VALU	3	106	LOW	0.6	1.44	99.4	10
<NO VALU	<NO VALU	3	79	LOW	1.1	1.52	98.9	15
<NO VALU	<NO VALU	8	82	LOW	14.5	1.28	85.5	15
<NO VALU	<NO VALU	9	114	LOW	0	1.46	100.5	15
<NO VALU	<NO VALU	10	66	LOW	5.02	1.42	94.5	15
<NO VALU	<NO VALU	10	66	LOW	10.02	1.31	89.5	15
<NO VALU	<NO VALU	7	39	LOW	4.3	1.41	95.7	15
<NO VALU	<NO VALU	7	40	LOW	4.2	1.41	95.8	20
<NO VALU	<NO VALU	1	19	LOW	15.82	1.31	83.7	20
<NO VALU	<NO VALU	12	24	LOW	16.7	1.37	83.3	20
<NO VALU	<NO VALU	4	58	LOW	3.5	1.49	96.5	20
<NO VALU	<NO VALU	5	62	LOW	3.5	1.49	96.5	30
<NO VALU	<NO VALU	3	1	LOW	29.9	1.24	70.1	40
<NO VALU	<NO VALU	1	0	LOW	1.2	1.6	98.8	5
<NO VALU	<NO VALU	1	0	LOW	1.4	1.62	98.6	10
<NO VALU	<NO VALU	5	0	LOW	6.9	1.62	93.1	20
<NO VALU	<NO VALU	4	0	LOW	7.4	1.61	92.6	30
<NO VALU	<NO VALU	3	0	LOW	0	1.59	100.4	30
<NO VALU	<NO VALU	3	0	LOW	0	1.57	100.5	40
<NO VALU	<NO VALU	1	0	LOW	5.9	1.61	94.1	40
<NO VALU	<NO VALU	3	0	LOW	6.5	1.55	93.5	60
<NO VALU	<NO VALU	2	0	LOW	27.9	1.31	72.1	60
<NO VALU	<NO VALU	4	0	LOW	8.55	1.63	90.5	30
<NO VALU	<NO VALU	4	0	LOW	9.12	1.61	90.4	35
<NO VALU	<NO VALU	3	0	LOW	33.6	1.14	66.4	35
<NO VALU	<NO VALU	0	0	LOW	6.8	1.55	93.2	30
<NO VALU	<NO VALU	0	0	LOW	7.2	1.55	92.8	40
<NO VALU	<NO VALU	2	0	LOW	14.1	1.39	85.9	30
<NO VALU	<NO VALU	1	0	LOW	13.62	1.45	85.9	30
<NO VALU	<NO VALU	7	25	LOW	0	1.67	101.7	30
<NO VALU	<NO VALU	7	25	LOW	0	1.67	101.9	40
<NO VALU	<NO VALU	2	0	LOW	4	1.59	96	40
0	0	35	35	0	35	35	35	35
0	0	12	114	0	33.6	1.67	101.9	60
0	0	0	0	0	0	1.14	66.4	5
#DIV/0!	#DIV/0!	4.428571	24.94286	#DIV/0!	8.028857	1.476	91.97714	26.14286

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
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10	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
10	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
15	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
15	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
15	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
15	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
15	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
15	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
20	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
20	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
20	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
20	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
30	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
30	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
20	2. Rebalan	<NO VALU	<NO VALU	300842.7	205092.3
10	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
10	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
30	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
30	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
40	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
40	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
60	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
60	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
30	2. Rebalan	<NO VALU	<NO VALU	300842.7	205092.3
35	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
35	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
30	2. Rebalan	<NO VALU	<NO VALU	300842.7	205092.3
40	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
40	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
30	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
30	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
40	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
40	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
40	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
35		0	0	0	
60		0	0	0	
10		0	0	0	
27.14286	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0602	1/4/2019 12:11	3	9.8	16	71.2	-16.76	1005
BYPW0602	2/15/2019 13:30	21.6	23.5	6.4	48.5	5.95	990
BYPW0602	3/13/2019 10:07	25	28.8	3	43.2	-1.51	976
BYPW0602	4/9/2019 11:28	29.7	29.4	0.5	40.4	-17.05	980
BYPW0602	5/3/2019 11:08	41.4	29.1	0	29.5	49.99	980
BYPW0602	6/5/2019 13:23	10.6	7.8	16.9	64.7	-32.75	972
BYPW0602	7/3/2019 13:57	68.4	28.7	0.3	2.6	10.81	994
BYPW0602	7/3/2019 13:58	66.9	28.8	0.3	4	-39.02	994
BYPW0602	8/2/2019 13:08	55.1	29.5	0	15.4	-0.5	987
BYPW0602	9/13/2019 10:59	64.3	29.7	0.1	5.9	-28.03	1003
BYPW0602	9/13/2019 11:01	63	30.4	0	6.6	-38.54	1003
BYPW0602	10/1/2019 10:31	4.5	4.2	18.6	72.7	-33.11	965
BYPW0602	11/7/2019 11:10	5.4	10.1	17.3	67.2	3.38	959
BYPW0602	12/20/2019 8:28	9.1	22	12.9	56	17.26	945
	Count	14	14	14	14	14	14
	Max	68.4	30.4	18.6	72.7	49.99	1005
	Min	3	4.2	0	2.6	-39.02	945
	Ave	33.42857	22.27143	6.592857	37.70714	-8.562857	982.3571

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	1	LOW	11.04	0.31	12.8	0
<NO VALU	<NO VALU	2	0	LOW	24.44	0.92	45.1	0
<NO VALU	<NO VALU	3	0	LOW	31.92	0.87	53.8	0
<NO VALU	<NO VALU	3	0	LOW	38.52	1.01	59.1	0
<NO VALU	<NO VALU	2	0	LOW	29.5	1.42	70.5	0
<NO VALU	<NO VALU	1	0	LOW	1.16	1.36	18.4	5
<NO VALU	<NO VALU	6	0	LOW	1.47	2.38	97.1	0
<NO VALU	<NO VALU	7	0	LOW	2.87	2.32	95.7	5
<NO VALU	<NO VALU	3	0	LOW	15.4	1.87	84.6	5
<NO VALU	<NO VALU	1	0	LOW	5.52	2.16	94	5
<NO VALU	<NO VALU	1	0	LOW	6.6	2.07	93.4	10
<NO VALU	<NO VALU	0	0	LOW	2.76	1.07	8.7	10
<NO VALU	<NO VALU	8	0	LOW	2.15	0.53	15.5	0
<NO VALU	<NO VALU	2	0	LOW	7.5	0.41	31.1	0
0	0	14	14	0	14	14	14	14
0	0	8	1	0	38.52	2.38	97.1	10
0	0	0	0	0	1.16	0.31	8.7	0
#DIV/0!	#DIV/0!	2.785714	0.071429	#DIV/0!	12.91786	1.335714	55.7	2.857143

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	2. Rebalan	<NO VALU	<NO VALU	-	-
0	2. Rebalan	<NO VALU	<NO VALU	-	-
0	2. Rebalan	<NO VALU	<NO VALU	-	-
0	2. Rebalan	<NO VALU	<NO VALU	-	-
5	2. Rebalan	<NO VALU	<NO VALU	-	-
0	2. Rebalan	<NO VALU	<NO VALU	-	-
5	1. OK	<NO VALU	<NO VALU	-	-
5	1. OK	<NO VALU	<NO VALU	-	-
5	1. OK	<NO VALU	<NO VALU	-	-
10	1. OK	<NO VALU	<NO VALU	-	-
10	1. OK	<NO VALU	<NO VALU	-	-
0	2. Rebalan	<NO VALU	<NO VALU	-	-
0	2. Rebalan	<NO VALU	<NO VALU	-	-
0	2. Rebalan	<NO VALU	<NO VALU	-	-
14	0	0	0		
10	0	0	0		
0	0	0	0		
2.857143	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
	Count	0	0	0	0	0	0
	Max	0	0	0	0	0	0
	Min	0	0	0	0	0	0
	Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Comment	X GPS	Y GPS	CH4 + CO2 (%)
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW0606	1/4/2019 10:26	30.8	30.7	0.4	38.1	-0.36
BYPW0606	2/15/2019 11:00	55	39.8	0.9	4.3	0.36
BYPW0606	2/15/2019 11:01	53.6	39.6	0.6	6.2	-0.6
BYPW0606	3/13/2019 9:51	30.5	28.7	0.1	40.7	-0.86
BYPW0606	4/9/2019 9:53	56.9	41.4	0.2	1.5	-0.72
BYPW0606	5/3/2019 8:53	40.2	31.9	0	27.9	-1.17
BYPW0606	5/13/2019 8:51	58.3	41.5	0.2	0	-0.29
BYPW0606	6/5/2019 10:50	37.7	29.8	0.3	32.2	-0.89
BYPW0606	6/26/2019 9:52	56.8	39.2	0.8	3.2	0.02
BYPW0606	6/26/2019 9:53	58.1	41.2	0.2	0.5	-0.68
BYPW0606	7/3/2019 12:37	41.3	32.5	0.3	25.9	0.27
BYPW0606	8/2/2019 9:40	25.2	28.7	0	46.1	-1.49
BYPW0606	9/13/2019 9:50	55.4	41.6	0	3	0.21
BYPW0606	9/13/2019 9:51	55.3	41.8	0	2.9	-2.04
BYPW0606	10/4/2019 10:30	17.9	27.3	0.3	54.5	-0.77
BYPW0606	11/7/2019 10:29	60.4	42.9	0.2	0	-0.02
BYPW0606	11/7/2019 10:30	61.4	43.5	0.1	0	-0.48
BYPW0606	12/6/2019 10:37	37.8	32.3	0.2	29.7	-0.23
	Count	18	18	18	18	18
	Max	61.4	43.5	0.9	54.5	0.36
	Min	17.9	27.3	0	0	-2.04
	Ave	46.25556	36.35556	0.266667	17.59444	-0.541111

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
1007	<NO VALU	<NO VALU	1	1	LOW	36.6	1	61.5
991	<NO VALU	<NO VALU	5	0	LOW	0.92	1.38	94.8
991	<NO VALU	<NO VALU	5	0	LOW	3.94	1.35	93.2
976	<NO VALU	<NO VALU	2	0	LOW	40.32	1.06	59.2
981	<NO VALU	<NO VALU	4	1	LOW	0.75	1.37	98.3
983	<NO VALU	<NO VALU	2	0	LOW	27.9	1.26	72.1
1009	<NO VALU	<NO VALU	4	1	LOW	0	1.4	99.8
973	<NO VALU	<NO VALU	2	0	LOW	31.07	1.27	67.5
995	<NO VALU	<NO VALU	3	3	LOW	0.19	1.45	96
995	<NO VALU	<NO VALU	2	1	LOW	0	1.41	99.3
995	<NO VALU	<NO VALU	5	0	LOW	24.77	1.27	73.8
987	<NO VALU	<NO VALU	3	0	LOW	46.1	0.88	53.9
1001	<NO VALU	<NO VALU	2	2	LOW	3	1.33	97
1001	<NO VALU	<NO VALU	2	2	LOW	2.9	1.32	97.1
971	<NO VALU	<NO VALU	0	0	LOW	53.37	0.66	45.2
960	<NO VALU	<NO VALU	8	104	LOW	0	1.41	103.3
960	<NO VALU	<NO VALU	9	32	LOW	0	1.41	104.9
971	<NO VALU	<NO VALU	1	1	LOW	28.95	1.17	70.1
18	0	0	18	18	0	18	18	18
1009	0	0	9	104	0	53.37	1.45	104.9
960	0	0	0	0	0	0	0.66	45.2
985.9444	#DIV/0!	#DIV/0!	3.333333	8.222222	#DIV/0!	16.71	1.244444	82.61111

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
1	0	2. Rebalan	<NO VALU	<NO VALU	300895.7	204850.2
0	5	1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	5	1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	1	2. Rebalan	<NO VALU	<NO VALU	300895.7	204850.2
1	5	1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	1	2. Rebalan	<NO VALU	<NO VALU	300895.7	204850.2
1	5	1. OK	<NO VALU	<NO VALU	300895.7	204850.2
1	0	2. Rebalan	<NO VALU	<NO VALU	300895.7	204850.2
0	5	1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	5	1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	1	2. Rebalan	<NO VALU	<NO VALU	300895.7	204850.2
1	0	2. Rebalan	<NO VALU	<NO VALU	300895.7	204850.2
0	5	1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	5	1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	0	2. Rebalan	<NO VALU	<NO VALU	300895.7	204850.2
0	5	1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	5	1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	3	2. Rebalan	<NO VALU	<NO VALU	300895.7	204850.2
18	18	0	0	0		
5	5	0	0	0		
0	0	0	0	0		
2.777778	3.111111	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0607	1/4/2019 10:28	55.6	36	0.9	7.5	-0.03	1007
BYPW0607	2/15/2019 11:03	36.8	31.1	0	32.1	-0.72	991
BYPW0607	3/13/2019 9:53	42.2	30.1	0	27.7	-2.96	976
BYPW0607	4/9/2019 9:56	37.3	31.1	0	31.6	-1.51	980
BYPW0607	4/15/2019 11:10	58.4	39.5	0	2.1	-0.17	983
BYPW0607	4/15/2019 11:12	58	40.1	0	1.9	-1.85	983
BYPW0607	5/3/2019 8:55	49.9	33.8	0	16.3	-0.43	983
BYPW0607	6/5/2019 10:52	46.6	33.1	0	20.3	-1.34	972
BYPW0607	7/3/2019 12:40	53.1	34.4	0.3	12.2	-0.5	995
BYPW0607	8/2/2019 9:42	35.4	32.2	0	32.4	-0.38	986
BYPW0607	9/13/2019 9:53	57.5	37.6	0	4.9	-1.06	1002
BYPW0607	9/13/2019 9:55	57.4	37.8	0	4.8	-1.46	1002
BYPW0607	10/4/2019 10:32	27.6	32	0.1	40.3	-1.22	971
BYPW0607	11/7/2019 10:34	55.6	37.9	0.2	6.3	0.25	959
BYPW0607	11/7/2019 10:36	55.1	37.6	0.1	7.2	-0.95	959
BYPW0607	12/6/2019 10:39	50.8	34.8	0.1	14.3	-0.14	970
	Count	16	16	16	16	16	16
	Max	58.4	40.1	0.9	40.3	0.25	1007
	Min	27.6	30.1	0	1.9	-2.96	959
	Ave	48.58125	34.94375	0.10625	16.36875	-0.904375	982.4375

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	1	0	LOW	4.12	1.54	91.6	0
<NO VALU	<NO VALU	4	0	LOW	32.1	1.18	67.9	5
<NO VALU	<NO VALU	3	0	LOW	27.7	1.4	72.3	1
<NO VALU	<NO VALU	2	0	LOW	31.6	1.2	68.4	1
<NO VALU	<NO VALU	5	0	LOW	2.1	1.48	97.9	1
<NO VALU	<NO VALU	4	0	LOW	1.9	1.45	98.1	5
<NO VALU	<NO VALU	2	0	LOW	16.3	1.48	83.7	5
<NO VALU	<NO VALU	1	0	LOW	20.3	1.41	79.7	5
<NO VALU	<NO VALU	5	0	LOW	11.07	1.54	87.5	5
<NO VALU	<NO VALU	3	0	LOW	32.4	1.1	67.6	5
<NO VALU	<NO VALU	2	0	LOW	4.9	1.53	95.1	1
<NO VALU	<NO VALU	1	0	LOW	4.8	1.52	95.2	5
<NO VALU	<NO VALU	0	0	LOW	39.92	0.86	59.6	5
<NO VALU	<NO VALU	9	26	LOW	5.55	1.47	93.5	0
<NO VALU	<NO VALU	8	24	LOW	6.82	1.47	92.7	5
<NO VALU	<NO VALU	2	0	LOW	13.92	1.46	85.6	5
0	0	16	16	0	16	16	16	16
0	0	9	26	0	39.92	1.54	98.1	5
0	0	0	0	0	1.9	0.86	59.6	0
#DIV/0!	#DIV/0!	3.25	3.125	#DIV/0!	15.96875	1.380625	83.525	3.375

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	1. OK	<NO VALU	<NO VALU	300850.9	204838.9
1	2. Rebalan	<NO VALU	<NO VALU	300850.9	204838.9
1	2. Rebalan	<NO VALU	<NO VALU	300850.9	204838.9
1	2. Rebalan	<NO VALU	<NO VALU	300850.9	204838.9
5	1. OK	<NO VALU	<NO VALU	300850.9	204838.9
5	1. OK	<NO VALU	<NO VALU	300850.9	204838.9
5	1. OK	<NO VALU	<NO VALU	300850.9	204838.9
5	1. OK	<NO VALU	<NO VALU	300850.9	204838.9
5	1. OK	<NO VALU	<NO VALU	300850.9	204838.9
1	2. Rebalan	<NO VALU	<NO VALU	300850.9	204838.9
5	1. OK	<NO VALU	<NO VALU	300850.9	204838.9
5	1. OK	<NO VALU	<NO VALU	300850.9	204838.9
0	2. Rebalan	<NO VALU	<NO VALU	300850.9	204838.9
5	1. OK	<NO VALU	<NO VALU	300850.9	204838.9
5	1. OK	<NO VALU	<NO VALU	300850.9	204838.9
5	1. OK	<NO VALU	<NO VALU	300850.9	204838.9
16	0	0	0		
5	0	0	0		
0	0	0	0		
3.6875	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0608	1/4/2019 10:31	0.3	2	20.6	77.1	-0.43	1007
BYPW0608	2/15/2019 11:05	58.4	36.7	0.3	4.6	0.57	991
BYPW0608	2/15/2019 11:08	56.9	37.5	0	5.6	-1.3	991
BYPW0608	3/13/2019 9:55	55.5	35.5	0	9	-3.56	976
BYPW0608	4/9/2019 9:58	20.1	26.2	0	53.7	-1.51	980
BYPW0608	4/15/2019 11:14	56.1	35.2	0	8.7	-0.1	982
BYPW0608	4/15/2019 11:16	58.2	36.9	0	4.9	-0.46	982
BYPW0608	5/3/2019 8:58	47.8	34.5	0	17.7	-0.17	982
BYPW0608	6/5/2019 10:54	20.6	25.4	0.9	53.1	-1.39	972
BYPW0608	6/26/2019 9:58	42.6	35	0.2	22.2	0.02	994
BYPW0608	6/26/2019 10:00	42.8	35.5	0.1	21.6	-1	994
BYPW0608	7/3/2019 12:42	23.2	26.7	0.3	49.8	-0.15	994
BYPW0608	8/2/2019 9:45	13.2	16	1.4	69.4	-0.02	986
BYPW0608	9/13/2019 9:57	40.8	35.3	0	23.9	-0.22	1000
BYPW0608	9/13/2019 9:59	41	35.9	0	23.1	-1.41	1001
BYPW0608	10/4/2019 10:33	35	33.8	0.1	31.1	-1.54	971
BYPW0608	11/7/2019 10:39	55.9	35.5	1.2	7.4	0.25	958
BYPW0608	11/7/2019 10:41	57.3	36.7	0.7	5.3	-0.98	958
BYPW0608	12/6/2019 10:41	18.7	16.2	6.3	58.8	-0.91	970
	Count	19	19	19	19	19	19
	Max	58.4	37.5	20.6	77.1	0.57	1007
	Min	0.3	2	0	4.6	-3.56	958
	Ave	39.17895	30.34211	1.689474	28.78947	-0.753158	983.6316
	>3% O2			#REF!			
	% > 3% O2			#REF!			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	0	0.15	2.3	5
<NO VALU	<NO VALU	4	0	LOW	3.47	1.59	95.1	0
<NO VALU	<NO VALU	3	0	LOW	5.6	1.52	94.4	5
<NO VALU	<NO VALU	2	0	LOW	9	1.56	91	5
<NO VALU	<NO VALU	1	0	LOW	53.7	0.77	46.3	5
<NO VALU	<NO VALU	3	0	LOW	8.7	1.59	91.3	1
<NO VALU	<NO VALU	4	0	LOW	4.9	1.58	95.1	5
<NO VALU	<NO VALU	1	0	LOW	17.7	1.39	82.3	1
<NO VALU	<NO VALU	2	0	LOW	49.72	0.81	46	1
<NO VALU	<NO VALU	1	1	LOW	21.45	1.22	77.6	0
<NO VALU	<NO VALU	1	1	LOW	21.22	1.21	78.3	5
<NO VALU	<NO VALU	4	0	LOW	48.67	0.87	49.9	5
<NO VALU	<NO VALU	3	0	LOW	64.14	0.83	29.2	0
<NO VALU	<NO VALU	1	0	LOW	23.9	1.16	76.1	0
<NO VALU	<NO VALU	1	0	LOW	23.1	1.14	76.9	5
<NO VALU	<NO VALU	0	0	LOW	30.72	1.04	68.8	5
<NO VALU	<NO VALU	8	3	LOW	2.89	1.57	91.4	0
<NO VALU	<NO VALU	8	1	LOW	2.67	1.56	94	5
<NO VALU	<NO VALU	2	0	LOW	35.11	1.15	34.9	5
0	0	19	19	0	19	19	19	19
0	0	8	3	0	64.14	1.59	95.1	5
0	0	0	0	0	0	0.15	2.3	0
#DIV/0!	#DIV/0!	2.578947	0.315789	#DIV/0!	22.45579	1.195263	69.52105	3.052632

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	2. Rebalan	<NO VALU	<NO VALU	300905.6	204831.8
5	1. OK	<NO VALU	<NO VALU	300905.6	204831.8
5	1. OK	<NO VALU	<NO VALU	300905.6	204831.8
5	1. OK	<NO VALU	<NO VALU	300905.6	204831.8
1	2. Rebalan	<NO VALU	<NO VALU	300905.6	204831.8
5	1. OK	<NO VALU	<NO VALU	300905.6	204831.8
5	1. OK	<NO VALU	<NO VALU	300905.6	204831.8
1	1. OK	<NO VALU	<NO VALU	300905.6	204831.8
0	2. Rebalan	<NO VALU	<NO VALU	300905.6	204831.8
5	1. OK	<NO VALU	<NO VALU	300905.6	204831.8
5	1. OK	<NO VALU	<NO VALU	300905.6	204831.8
0	2. Rebalan	<NO VALU	<NO VALU	300905.6	204831.8
0	2. Rebalan	<NO VALU	<NO VALU	300905.6	204831.8
5	1. OK	<NO VALU	<NO VALU	300905.6	204831.8
5	1. OK	<NO VALU	<NO VALU	300905.6	204831.8
0	2. Rebalan	<NO VALU	<NO VALU	300905.6	204831.8
5	1. OK	<NO VALU	<NO VALU	300905.6	204831.8
5	1. OK	<NO VALU	<NO VALU	300905.6	204831.8
0	2. Rebalan	<NO VALU	<NO VALU	300905.6	204831.8
19		0	0	0	
5		0	0	0	
0		0	0	0	
3	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW1202	1/4/2019 13:24	57.5	40.2	0	2.3	-41.39
BYPW1202	2/8/2019 13:59	65.1	43	0.2	0	-46.82
BYPW1202	3/13/2019 11:47	60.2	40.3	0	0	-37.55
BYPW1202	3/19/2019 13:42	61.4	40	0.2	0	-46.92
BYPW1202	4/9/2019 12:53	61	40.9	0	0	-55.52
BYPW1202	5/3/2019 10:44	58.1	39.7	0	2.2	-14.96
BYPW1202	6/5/2019 14:11	58.6	39.6	0	1.8	-36.54
BYPW1202	7/9/2019 11:04	59.4	40.5	0.2	0	-19.61
BYPW1202	8/2/2019 14:01	55.4	40.6	0	4	-56.76
BYPW1202	9/6/2019 12:10	58	40.8	0	1.2	-32.92
BYPW1202	10/1/2019 9:08	56.9	40.5	0	2.6	-34.91
BYPW1202	11/7/2019 12:01	62.9	41.1	0.1	0	-38.39
BYPW1202	12/20/2019 11:32	60.8	38.9	0	0.3	-41.33
	Count	13	13	13	13	13
	Max	65.1	43	0.2	4	-14.96
	Min	55.4	38.9	0	0	-56.76
	Ave	59.63846	40.46923	0.053846	1.107692	-38.74

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
1004	<NO VALU	<NO VALU	0	0	LOW	2.3	1.43	97.7
955	<NO VALU	<NO VALU	4	0	LOW	0	1.51	108.1
976	<NO VALU	<NO VALU	6	0	LOW	0	1.49	100.5
992	<NO VALU	<NO VALU	16	152	LOW	0	1.54	101.4
980	<NO VALU	<NO VALU	6	0	LOW	0	1.49	101.9
981	<NO VALU	<NO VALU	5	0	LOW	2.2	1.46	97.8
971	<NO VALU	<NO VALU	5	0	LOW	1.8	1.48	98.2
988	<NO VALU	<NO VALU	6	170	LOW	0	1.47	99.9
985	<NO VALU	<NO VALU	8	0	LOW	4	1.36	96
987	<NO VALU	<NO VALU	4	0	LOW	1.2	1.42	98.8
973	<NO VALU	<NO VALU	1	0	LOW	2.6	1.4	97.4
958	<NO VALU	<NO VALU	14	102	LOW	0	1.53	104
946	<NO VALU	<NO VALU	5	0	LOW	0.3	1.56	99.7
13	0	0	13	13	0	13	13	13
1004	0	0	16	170	0	4	1.56	108.1
946	0	0	0	0	0	0	1.36	96
976.6154	#DIV/0!	#DIV/0!	6.153846	32.61538	#DIV/0!	1.107692	1.472308	100.1077

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100	100	1. OK	<NO VALU	<NO VALU	300980.8	205038.9
100	100	1. OK	<NO VALU	<NO VALU	300980.8	205038.9
100	100	1. OK	<NO VALU	<NO VALU	300980.8	205038.9
100	100	1. OK	<NO VALU	<NO VALU	300980.8	205038.9
100	100	1. OK	<NO VALU	<NO VALU	300980.8	205038.9
100	100	1. OK	<NO VALU	<NO VALU	300980.8	205038.9
100	100	1. OK	<NO VALU	<NO VALU	300980.8	205038.9
100	100	1. OK	<NO VALU	<NO VALU	300980.8	205038.9
100	100	1. OK	<NO VALU	<NO VALU	300980.8	205038.9
100	100	1. OK	<NO VALU	<NO VALU	300980.8	205038.9
100	100	1. OK	<NO VALU	<NO VALU	300980.8	205038.9
100	100	1. OK	<NO VALU	<NO VALU	300980.8	205038.9
100	100	1. OK	<NO VALU	<NO VALU	300980.8	205038.9
13	13	0	0	0		
100	100	0	0	0		
100	100	0	0	0		
100	100	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW1203	1/4/2019 9:29	32.2	22.9	0.4	44.5	-2.02	1009
BYPW1203	2/15/2019 10:06	25	23.1	0.2	51.7	-1.75	993
BYPW1203	3/13/2019 8:56	50.2	25.5	0.2	24.1	0	977
BYPW1203	3/13/2019 8:58	50.3	26.1	0	23.6	-2.04	977
BYPW1203	4/9/2019 9:14	33.4	22.5	0	44.1	-2.26	982
BYPW1203	5/3/2019 8:10	51.6	25	0	23.4	-0.24	985
BYPW1203	6/5/2019 10:04	25.4	20.6	0.1	53.9	-2.43	974
BYPW1203	6/26/2019 8:37	40.8	21.4	0.2	37.6	-0.03	994
BYPW1203	7/3/2019 11:44	36	21	0.4	42.6	-0.51	997
BYPW1203	8/2/2019 8:48	39.5	21.8	0.1	38.6	0.36	989
BYPW1203	9/6/2019 8:31	46.9	26.6	0	26.5	0.26	992
BYPW1203	9/6/2019 8:32	45.6	26.9	0	27.5	-2.2	992
BYPW1203	10/4/2019 9:42	29.3	24.4	0.4	45.9	-0.34	976
BYPW1203	11/7/2019 9:47	52.8	28.8	0.2	18.2	-0.05	960
BYPW1203	11/7/2019 9:48	52.8	28.8	0.1	18.3	-0.84	960
BYPW1203	12/6/2019 9:49	39.5	26.5	0.2	33.8	-0.09	972
	Count	16	16	16	16	16	16
	Max	52.8	28.8	0.4	53.9	0.36	1009
	Min	25	20.6	0	18.2	-2.43	960
	Ave	40.70625	24.49375	0.15625	34.64375	-0.88625	983.0625
	>3% O2			#REF!			
	% > 3% O2			#REF!			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	43	1.41	55.1	0
<NO VALU	<NO VALU	1	0	LOW	50.95	1.08	48.1	0
<NO VALU	<NO VALU	2	0	LOW	23.35	1.97	75.7	0
<NO VALU	<NO VALU	2	0	LOW	23.6	1.93	76.4	1
<NO VALU	<NO VALU	1	0	LOW	44.1	1.48	55.9	1
<NO VALU	<NO VALU	0	0	LOW	23.4	2.06	76.6	1
<NO VALU	<NO VALU	1	0	LOW	53.52	1.23	46	1
<NO VALU	<NO VALU	0	1	LOW	36.85	1.91	62.2	0
<NO VALU	<NO VALU	3	0	LOW	41.1	1.71	57	0
<NO VALU	<NO VALU	2	0	LOW	38.22	1.81	61.3	0
<NO VALU	<NO VALU	0	0	LOW	26.5	1.76	73.5	0
<NO VALU	<NO VALU	0	0	LOW	27.5	1.7	72.5	5
<NO VALU	<NO VALU	0	0	LOW	44.4	1.2	53.7	5
<NO VALU	<NO VALU	1	29	LOW	17.45	1.83	81.6	0
<NO VALU	<NO VALU	1	30	LOW	17.92	1.83	81.6	5
<NO VALU	<NO VALU	0	0	LOW	33.05	1.49	66	5
0	0	16	16	0	16	16	16	16
0	0	3	30	0	53.52	2.06	81.6	5
0	0	0	0	0	17.45	1.08	46	0
#DIV/0!	#DIV/0!	0.875	3.75	#DIV/0!	34.05688	1.65	65.2	1.5

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	2. Rebalan	<NO VALU	<NO VALU	300827.8	204730.9
0	2. Rebalan	<NO VALU	<NO VALU	300827.8	204730.9
1	1. OK	<NO VALU	<NO VALU	300827.8	204730.9
1	1. OK	<NO VALU	<NO VALU	300827.8	204730.9
1	1. OK	<NO VALU	<NO VALU	300827.8	204730.9
1	1. OK	<NO VALU	<NO VALU	300827.8	204730.9
0	2. Rebalan	<NO VALU	<NO VALU	300827.8	204730.9
1	1. OK	<NO VALU	<NO VALU	300827.8	204730.9
0	2. Rebalan	<NO VALU	<NO VALU	300827.8	204730.9
0	2. Rebalan	<NO VALU	<NO VALU	300827.8	204730.9
5	1. OK	<NO VALU	<NO VALU	300827.8	204730.9
5	1. OK	<NO VALU	<NO VALU	300827.8	204730.9
0	2. Rebalan	<NO VALU	<NO VALU	300827.8	204730.9
5	1. OK	<NO VALU	<NO VALU	300827.8	204730.9
5	1. OK	<NO VALU	<NO VALU	300827.8	204730.9
5	1. OK	<NO VALU	<NO VALU	300827.8	204730.9
16	0	0	0		
5	0	0	0		
0	0	0	0		
1.875	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW1204	1/4/2019 9:27	29.4	24.5	1.6	44.5	-6.75	1011
BYPW1204	2/15/2019 10:09	65.4	26.3	1.4	6.9	-0.12	993
BYPW1204	2/15/2019 10:11	68.2	27.5	0.3	4	-1.87	993
BYPW1204	3/13/2019 9:01	60.5	27.5	0.9	11.1	-1.03	977
BYPW1204	3/13/2019 9:03	62.4	27.6	0.5	9.5	-6.36	977
BYPW1204	4/9/2019 9:11	33.8	24.8	0.3	41.1	-5.18	982
BYPW1204	5/3/2019 8:05	70.6	27.7	0	1.7	-1.05	987
BYPW1204	5/3/2019 8:07	70.3	28.2	0	1.5	-1.56	987
BYPW1204	6/5/2019 10:01	33.2	23.7	0.4	42.7	-5.12	975
BYPW1204	6/26/2019 9:40	61.6	25.5	0.3	12.6	-1.26	992
BYPW1204	6/26/2019 9:42	61.1	26	0.2	12.7	-1.9	992
BYPW1204	7/3/2019 11:41	45	25.1	0.4	29.5	-1.05	999
BYPW1204	8/2/2019 8:44	43.3	25.9	0	30.8	-2.26	990
BYPW1204	9/6/2019 8:27	69.7	26.6	0	3.7	-0.74	989
BYPW1204	10/4/2019 9:47	32.6	22.5	3.9	41	-2.33	974
BYPW1204	11/7/2019 9:51	74	28.5	0.3	0	-0.91	961
BYPW1204	11/7/2019 9:52	74.4	28.7	0.1	0	-2.16	961
BYPW1204	12/6/2019 9:52	53.7	27.7	1.1	17.5	-0.59	973
	Count	18	18	18	18	18	18
	Max	74.4	28.7	3.9	44.5	-0.12	1011
	Min	29.4	22.5	0	0	-6.75	961
	Ave	56.06667	26.35	0.65	17.26667	-2.346667	984.0556
	>3% O2			#REF!			
	% > 3% O2			#REF!			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	38.48	1.2	53.9	8
<NO VALU	<NO VALU	1	0	LOW	1.64	2.49	91.7	1
<NO VALU	<NO VALU	1	0	LOW	2.87	2.48	95.7	5
<NO VALU	<NO VALU	2	0	LOW	7.72	2.2	88	5
<NO VALU	<NO VALU	2	0	LOW	7.62	2.26	90	10
<NO VALU	<NO VALU	1	0	LOW	39.97	1.36	58.6	10
<NO VALU	<NO VALU	1	0	LOW	1.7	2.55	98.3	5
<NO VALU	<NO VALU	1	0	LOW	1.5	2.49	98.5	10
<NO VALU	<NO VALU	2	0	LOW	41.2	1.4	56.9	10
<NO VALU	<NO VALU	1	0	LOW	11.47	2.42	87.1	5
<NO VALU	<NO VALU	1	0	LOW	11.95	2.35	87.1	7
<NO VALU	<NO VALU	2	0	LOW	28	1.79	70.1	5
<NO VALU	<NO VALU	3	0	LOW	30.8	1.67	69.2	5
<NO VALU	<NO VALU	0	0	LOW	3.7	2.62	96.3	5
<NO VALU	<NO VALU	0	0	LOW	26.34	1.45	55.1	10
<NO VALU	<NO VALU	1	16	LOW	0	2.6	102.5	5
<NO VALU	<NO VALU	2	12	LOW	0	2.59	103.1	10
<NO VALU	<NO VALU	0	0	LOW	13.36	1.94	81.4	10
0	0	18	18	0	18	18	18	18
0	0	3	16	0	41.2	2.62	103.1	10
0	0	0	0	0	0	1.2	53.9	1
#DIV/0!	#DIV/0!	1.166667	1.555556	#DIV/0!	14.90667	2.103333	82.41667	7

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
1	2. Rebalan	<NO VALU	<NO VALU	300830.1	204700.4
5	1. OK	<NO VALU	<NO VALU	300830.1	204700.4
5	1. OK	<NO VALU	<NO VALU	300830.1	204700.4
10	1. OK	<NO VALU	<NO VALU	300830.1	204700.4
10	1. OK	<NO VALU	<NO VALU	300830.1	204700.4
5	2. Rebalan	<NO VALU	<NO VALU	300830.1	204700.4
10	1. OK	<NO VALU	<NO VALU	300830.1	204700.4
10	1. OK	<NO VALU	<NO VALU	300830.1	204700.4
5	2. Rebalan	<NO VALU	<NO VALU	300830.1	204700.4
7	1. OK	<NO VALU	<NO VALU	300830.1	204700.4
7	1. OK	<NO VALU	<NO VALU	300830.1	204700.4
5	1. OK	<NO VALU	<NO VALU	300830.1	204700.4
5	1. OK	<NO VALU	<NO VALU	300830.1	204700.4
10	1. OK	<NO VALU	<NO VALU	300830.1	204700.4
5	2. Rebalan	<NO VALU	<NO VALU	300830.1	204700.4
10	1. OK	<NO VALU	<NO VALU	300830.1	204700.4
10	1. OK	<NO VALU	<NO VALU	300830.1	204700.4
10	1. OK	<NO VALU	<NO VALU	300830.1	204700.4
18	0	0	0		
10	0	0	0		
1	0	0	0		
7.222222	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
	Count	0	0	0	0	0
	Max	0	0	0	0	0
	Min	0	0	0	0	0
	Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
	Count	0	0	0	0	0
	Max	0	0	0	0	0
	Min	0	0	0	0	0
	Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)
0		0	0	0
0		0	0	0
0		0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
	Count	0	0	0	0	0
	Max	0	0	0	0	0
	Min	0	0	0	0	0
	Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)
0		0	0	0
0		0	0	0
0		0	0	0
#DIV/0!		#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW1307	1/4/2019 10:23	40.7	34.2	0.2	24.9	-28.46	1007
BYPW1307	2/15/2019 10:54	42.1	34.2	0	23.7	-20.14	991
BYPW1307	3/13/2019 9:48	46.9	36	0.1	17	-24.01	976
BYPW1307	4/9/2019 9:49	34.6	31.7	0	33.7	-37.51	981
BYPW1307	4/12/2019 9:08	51	35.1	0	13.9	-2.91	993
BYPW1307	5/3/2019 8:49	53.1	35.3	0	11.6	-5.52	983
BYPW1307	6/5/2019 10:43	49	35.5	0	15.5	-15.9	972
BYPW1307	7/3/2019 12:31	51.8	37.9	0.2	10.1	-12.68	995
BYPW1307	8/2/2019 9:36	43.9	34.5	0	21.6	-10.19	986
BYPW1307	9/13/2019 9:43	48.8	36.7	0	14.5	-11.63	1003
BYPW1307	10/4/2019 10:27	48.2	37.4	0.2	14.2	-8.54	971
BYPW1307	11/7/2019 10:26	52.1	37.5	0.1	10.3	-11.87	959
BYPW1307	12/6/2019 10:34	39.2	31.5	2.9	26.4	-20.3	971
	Count	13	13	13	13	13	13
	Max	53.1	37.9	2.9	33.7	-2.91	1007
	Min	34.6	31.5	0	10.1	-37.51	959
	Ave	46.26154	35.19231	0.284615	18.26154	-16.12769	983.6923
	>3% O2			#REF!			
	% > 3% O2			#REF!			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	1	0	LOW	24.15	1.19	74.9	5
<NO VALU	<NO VALU	4	0	LOW	23.7	1.23	76.3	5
<NO VALU	<NO VALU	3	0	LOW	16.62	1.3	82.9	5
<NO VALU	<NO VALU	3	0	LOW	33.7	1.09	66.3	10
<NO VALU	<NO VALU	3	0	LOW	13.9	1.45	86.1	5
<NO VALU	<NO VALU	2	0	LOW	11.6	1.5	88.4	5
<NO VALU	<NO VALU	2	0	LOW	15.5	1.38	84.5	5
<NO VALU	<NO VALU	6	0	LOW	9.35	1.37	89.7	5
<NO VALU	<NO VALU	5	0	LOW	21.6	1.27	78.4	5
<NO VALU	<NO VALU	1	0	LOW	14.5	1.33	85.5	5
<NO VALU	<NO VALU	1	0	LOW	13.45	1.29	85.6	5
<NO VALU	<NO VALU	7	231	LOW	9.92	1.39	89.6	5
<NO VALU	<NO VALU	2	0	LOW	15.5	1.24	70.7	5
0	0	13	13	0	13	13	13	13
0	0	7	231	0	33.7	1.5	89.7	10
0	0	1	0	0	9.35	1.09	66.3	5
#DIV/0!	#DIV/0!	3.076923	17.76923	#DIV/0!	17.19154	1.31	81.45385	5.384615

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	1. OK	<NO VALU	<NO VALU	300947.9	204730.2
5	1. OK	<NO VALU	<NO VALU	300947.9	204730.2
5	1. OK	<NO VALU	<NO VALU	300947.9	204730.2
5	2. Rebalan	<NO VALU	<NO VALU	300947.9	204730.2
10	1. OK	<NO VALU	<NO VALU	300947.9	204730.2
5	1. OK	<NO VALU	<NO VALU	300947.9	204730.2
5	1. OK	<NO VALU	<NO VALU	300947.9	204730.2
5	1. OK	<NO VALU	<NO VALU	300947.9	204730.2
5	1. OK	<NO VALU	<NO VALU	300947.9	204730.2
5	1. OK	<NO VALU	<NO VALU	300947.9	204730.2
5	1. OK	<NO VALU	<NO VALU	300947.9	204730.2
5	1. OK	<NO VALU	<NO VALU	300947.9	204730.2
3	2. Rebalan	<NO VALU	<NO VALU	300947.9	204730.2
13	0	0	0		
10	0	0	0		
3	0	0	0		
5.230769	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW1308	1/4/2019 12:06	49.2	35.7	0	15.1	-38.52	1005
BYPW1308	2/15/2019 13:25	42.2	33.1	0.1	24.6	-45.1	989
BYPW1308	3/13/2019 9:58	48.7	38	0.1	13.2	-30.33	975
BYPW1308	3/13/2019 10:00	48.1	38.5	0	13.4	-35.63	975
BYPW1308	4/9/2019 11:21	45.5	35.9	0	18.6	-55.42	979
BYPW1308	5/3/2019 11:42	57.2	39.9	0	2.9	-9.01	981
BYPW1308	6/5/2019 13:15	53	39	0	8	-18.35	971
BYPW1308	6/5/2019 13:17	52.5	39.5	0	8	-22.66	971
BYPW1308	7/3/2019 13:51	50.4	36.6	0.3	12.7	-25.97	995
BYPW1308	8/2/2019 13:02	47.5	37	0	15.5	-25.06	986
BYPW1308	8/14/2019 12:36	54.5	38.8	0	6.7	-24.72	973
BYPW1308	8/14/2019 12:38	54.3	39.8	0	5.9	-27.31	973
BYPW1308	9/13/2019 10:54	45.5	36.5	0.2	17.8	-33.9	1001
BYPW1308	10/1/2019 10:21	43.6	35.9	0.2	20.3	-28.75	961
BYPW1308	11/7/2019 11:02	56.7	41.1	0.2	2	-34.78	960
BYPW1308	11/7/2019 11:03	56.7	41	0.1	2.2	-36.37	960
BYPW1308	12/20/2019 8:21	58.9	41.2	0	0	-41.66	947
	Count	17	17	17	17	17	17
	Max	58.9	41.2	0.3	24.6	-9.01	1005
	Min	42.2	33.1	0	0	-55.42	947
	Ave	50.85294	38.08824	0.070588	10.99412	-31.38471	976.5882
	>3% O2			#REF!			
	% > 3% O2			#REF!			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	1	2	LOW	15.1	1.38	84.9	70
<NO VALU	<NO VALU	5	0	LOW	24.22	1.27	75.3	70
<NO VALU	<NO VALU	4	0	LOW	12.82	1.28	86.7	20
<NO VALU	<NO VALU	3	0	LOW	13.4	1.25	86.6	30
<NO VALU	<NO VALU	4	0	LOW	18.6	1.27	81.4	30
<NO VALU	<NO VALU	5	0	LOW	2.9	1.43	97.1	30
<NO VALU	<NO VALU	3	0	LOW	8	1.36	92	30
<NO VALU	<NO VALU	3	0	LOW	8	1.33	92	40
<NO VALU	<NO VALU	6	0	LOW	11.57	1.38	87	40
<NO VALU	<NO VALU	4	0	LOW	15.5	1.28	84.5	40
<NO VALU	<NO VALU	0	0	LOW	6.7	1.4	93.3	40
<NO VALU	<NO VALU	0	0	LOW	5.9	1.36	94.1	50
<NO VALU	<NO VALU	2	0	LOW	17.05	1.25	82	40
<NO VALU	<NO VALU	1	0	LOW	19.55	1.21	79.5	40
<NO VALU	<NO VALU	7	47	LOW	1.25	1.38	97.8	40
<NO VALU	<NO VALU	9	47	LOW	1.82	1.38	97.7	50
<NO VALU	<NO VALU	2	0	LOW	0	1.43	100.1	50
0	0	17	17	0	17	17	17	17
0	0	9	47	0	24.22	1.43	100.1	70
0	0	0	0	0	0	1.21	75.3	20
#DIV/0!	#DIV/0!	3.470588	5.647059	#DIV/0!	10.72824	1.331765	88.94118	41.76471

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
70	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
20	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
30	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
30	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
30	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
30	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
40	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
40	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
40	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
40	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
50	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
50	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
40	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
40	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
50	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
50	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
60	1. OK	<NO VALU	<NO VALU	300949.5	204780.5
17		0	0	0	
70		0	0	0	
20		0	0	0	
41.76471	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
	Count	0	0	0	0	0	0
	Max	0	0	0	0	0	0
	Min	0	0	0	0	0	0
	Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	>3% O2			#REF!			
	% > 3% O2			#REF!			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Comment	X GPS	Y GPS	CH4 + CO2 (%)
0	0	0	0
0	0	0	0
0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW0702	1/4/2019 12:16	44.7	30.7	0	24.6	-4.35
BYPW0702	2/15/2019 13:36	49.3	31.6	0	19.1	-4.73
BYPW0702	3/13/2019 10:16	46.6	31.5	0	21.9	-7.27
BYPW0702	4/9/2019 11:33	50.9	31.6	0	17.5	-7.52
BYPW0702	5/3/2019 11:16	54	32.6	0	13.4	-1.49
BYPW0702	6/5/2019 13:28	49.7	32	0	18.3	-4.16
BYPW0702	7/3/2019 14:05	54.2	32.1	0.2	13.5	-3.64
BYPW0702	8/2/2019 13:13	41.4	30.4	0	28.2	-6.48
BYPW0702	8/14/2019 12:49	56.7	35.6	0	7.7	-0.31
BYPW0702	8/14/2019 12:50	56.5	36.1	0	7.4	-2.37
BYPW0702	9/6/2019 12:43	45.4	34.9	0	19.7	-1.97
BYPW0702	10/1/2019 10:39	46.2	33.4	0.2	20.2	-6.11
BYPW0702	11/7/2019 11:16	54.1	33.9	0.1	11.9	-4.57
BYPW0702	12/20/2019 8:35	56.7	36.3	0	7	-6.75
	Count	14	14	14	14	14
	Max	56.7	36.3	0.2	28.2	-0.31
	Min	41.4	30.4	0	7	-7.52
	Ave	50.45714	33.05	0.035714	16.45714	-4.408571
	>3% O2			0		
	% > 3% O2			0		

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
1006	<NO VALU	<NO VALU	1	1	LOW	24.6	1.46	75.4
989	<NO VALU	<NO VALU	4	0	LOW	19.1	1.56	80.9
975	<NO VALU	<NO VALU	1	0	LOW	21.9	1.48	78.1
980	<NO VALU	<NO VALU	2	0	LOW	17.5	1.61	82.5
982	<NO VALU	<NO VALU	2	0	LOW	13.4	1.66	86.6
972	<NO VALU	<NO VALU	2	0	LOW	18.3	1.55	81.7
994	<NO VALU	<NO VALU	4	0	LOW	12.75	1.69	86.3
987	<NO VALU	<NO VALU	4	0	LOW	28.2	1.36	71.8
975	<NO VALU	<NO VALU	0	0	LOW	7.7	1.59	92.3
975	<NO VALU	<NO VALU	0	0	LOW	7.4	1.57	92.6
987	<NO VALU	<NO VALU	1	0	LOW	19.7	1.3	80.3
964	<NO VALU	<NO VALU	0	0	LOW	19.45	1.38	79.6
959	<NO VALU	<NO VALU	7	30	LOW	11.52	1.6	88
945	<NO VALU	<NO VALU	2	0	LOW	7	1.56	93
14	0	0	14	14	0	14	14	14
1006	0	0	7	30	0	28.2	1.69	93
945	0	0	0	0	0	7	1.3	71.8
977.8571	#DIV/0!	#DIV/0!	2.142857	2.214286	#DIV/0!	16.32286	1.526429	83.50714

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	5	1. OK	<NO VALU	<NO VALU	300900.3	204919.6
5	5	1. OK	<NO VALU	<NO VALU	300900.3	204919.6
5	5	1. OK	<NO VALU	<NO VALU	300900.3	204919.6
5	5	1. OK	<NO VALU	<NO VALU	300900.3	204919.6
5	5	1. OK	<NO VALU	<NO VALU	300900.3	204919.6
5	10	1. OK	<NO VALU	<NO VALU	300900.3	204919.6
10	10	1. OK	<NO VALU	<NO VALU	300900.3	204919.6
10	5	2. Rebalan	<NO VALU	<NO VALU	300900.3	204919.6
5	10	1. OK	<NO VALU	<NO VALU	300900.3	204919.6
10	10	1. OK	<NO VALU	<NO VALU	300900.3	204919.6
5	5	1. OK	<NO VALU	<NO VALU	300900.3	204919.6
5	5	1. OK	<NO VALU	<NO VALU	300900.3	204919.6
5	5	1. OK	<NO VALU	<NO VALU	300900.3	204919.6
5	5	1. OK	<NO VALU	<NO VALU	300900.3	204919.6
14	14	0	0	0		
10	10	0	0	0		
5	5	0	0	0		
6.071429	6.428571	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (r	Atm Press
BYPW0703	1/4/2019 12:23	57.1	41.2	0	1.7	-38.04	1005
BYPW0703	2/15/2019 13:40	59.1	41.8	0	0	-51.65	989
BYPW0703	3/13/2019 12:28	57.7	41.9	0	0.4	-36.35	976
BYPW0703	4/9/2019 11:39	59.4	42.6	0	0	-61.25	980
BYPW0703	5/3/2019 11:21	56.1	41.7	0	2.2	-15.42	981
BYPW0703	6/5/2019 13:33	54.9	40.3	0.3	4.5	-35.42	972
BYPW0703	7/3/2019 14:11	8	5.3	17.6	69.1	-37.41	993
BYPW0703	8/2/2019 13:20	19.9	22.8	8.4	48.9	-8.47	986
BYPW0703	8/14/2019 12:55	21.4	25.4	8.1	45.1	9.25	975
BYPW0703	9/6/2019 12:37	17.5	22.6	9	50.9	1.75	987
BYPW0703	9/27/2019 14:01	20.8	28.3	5.7	45.2	5.69	967
BYPW0703	10/1/2019 10:44	21.3	28.2	5.4	45.1	9.33	964
BYPW0703	11/7/2019 11:25	26.9	29.7	4.6	38.8	0.48	958
BYPW0703	12/20/2019 8:44	24.3	28	5.4	42.3	12.71	944
BYPW0703	12/12/2017 12:06	57.8	40.9	0.4	0.9	-31.29	974
	Count	15	15	15	15	15	15
	Max	59.4	42.6	17.6	69.1	12.71	1005
	Min	8	5.3	0	0	-61.25	944
	Ave	37.48	32.04667	4.326667	26.34	-18.406	976.7333
	>3% O2			#REF!			
	% > 3% O2			#REF!			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original V	Depart val
<NO VALU	<NO VALU	1	1	LOW	1.7	1.39	98.3	100
<NO VALU	<NO VALU	8	0	LOW	0	1.41	100.9	100
<NO VALU	<NO VALU	6	0	LOW	0.4	1.38	99.6	100
<NO VALU	<NO VALU	4	0	LOW	0	1.39	102	100
<NO VALU	<NO VALU	5	0	LOW	2.2	1.35	97.8	100
<NO VALU	<NO VALU	4	0	LOW	3.37	1.36	95.2	100
<NO VALU	<NO VALU	5	0	LOW	2.92	1.51	13.3	100
<NO VALU	<NO VALU	20	0	LOW	17.32	0.87	42.7	0
<NO VALU	<NO VALU	13	0	LOW	14.64	0.84	46.8	0
<NO VALU	<NO VALU	11	0	LOW	17.06	0.77	40.1	0
<NO VALU	<NO VALU	11	0	LOW	23.77	0.73	49.1	0
<NO VALU	<NO VALU	11	0	LOW	24.8	0.76	49.5	0
<NO VALU	<NO VALU	14	1	LOW	21.5	0.91	56.6	0
<NO VALU	<NO VALU	6	0	LOW	22	0.87	52.3	0
<NO VALU	<NO VALU	4	8	LOW	0	1.41	98.7	100
0	0	15	15	0	15	15	15	15
0	0	20	8	0	24.8	1.51	102	100
0	0	1	0	0	0	0.73	13.3	0
#DIV/0!	#DIV/0!	8.2	0.666667	#DIV/0!	10.112	1.13	69.52667	53.33333

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100	1. OK	<NO VALU	<NO VALU	300945	204910.9
100	1. OK	<NO VALU	<NO VALU	300945	204910.9
100	1. OK	<NO VALU	<NO VALU	300945	204910.9
100	1. OK	<NO VALU	<NO VALU	300945	204910.9
100	1. OK	<NO VALU	<NO VALU	300945	204910.9
100	1. OK	<NO VALU	<NO VALU	300945	204910.9
0	2. Rebalan	<NO VALU	<NO VALU	300945	204910.9
0	2. Rebalan	<NO VALU	<NO VALU	300945	204910.9
0	2. Rebalan	<NO VALU	<NO VALU	300945	204910.9
0	2. Rebalan	<NO VALU	<NO VALU	300945	204910.9
0	2. Rebalan	<NO VALU	<NO VALU	300945	204910.9
0	2. Rebalan	<NO VALU	<NO VALU	300945	204910.9
0	2. Rebalan	<NO VALU	<NO VALU	300945	204910.9
0	2. Rebalan	<NO VALU	<NO VALU	300945	204910.9
100	1. OK	<NO VALU	<NO VALU	300945	204910.9
15	0	0	0		
100	0	0	0		
0	0	0	0		
46.66667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0704	1/4/2019 12:25	37.3	31.1	0	31.6	-13.93	1005
BYPW0704	2/15/2019 13:42	52.4	35.6	0	12	-28.86	989
BYPW0704	3/13/2019 12:26	68.9	28.5	0.1	2.5	-36.67	977
BYPW0704	4/9/2019 11:41	69.4	30.7	0.1	0	-60.2	980
BYPW0704	5/3/2019 11:23	65.2	32.1	0	2.7	-14.7	981
BYPW0704	6/5/2019 13:39	34	30.3	0	35.7	-27.83	971
BYPW0704	7/3/2019 14:13	60.7	38.5	0.3	0.5	-1.92	994
BYPW0704	7/3/2019 14:15	60.6	39	0.1	0.3	-11.82	994
BYPW0704	8/2/2019 13:22	37.9	33.3	0	28.8	-10.79	987
BYPW0704	8/14/2019 12:57	57.3	40.9	0	1.8	-3.6	975
BYPW0704	9/6/2019 12:35	46.7	36.7	0	16.6	-7.26	987
BYPW0704	10/1/2019 10:46	52.2	36.3	0.1	11.4	-12.78	964
BYPW0704	11/7/2019 11:27	70.9	32.5	0.3	0	-35.74	958
BYPW0704	11/7/2019 11:29	71.1	32.5	0.2	0	-36.13	958
BYPW0704	12/20/2019 8:46	69.9	30.7	0	0	-41.33	945
	Count	15	15	15	15	15	15
	Max	71.1	40.9	0.3	35.7	-1.92	1005
	Min	34	28.5	0	0	-60.2	945
	Ave	56.96667	33.91333	0.08	9.593333	-22.904	977.6667

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	1	LOW	31.6	1.2	68.4	30
<NO VALU	<NO VALU	4	2	LOW	12	1.47	88	20
<NO VALU	<NO VALU	4	1	LOW	2.12	2.42	97.4	30
<NO VALU	<NO VALU	2	4	LOW	0	2.26	100.1	30
<NO VALU	<NO VALU	3	0	LOW	2.7	2.03	97.3	40
<NO VALU	<NO VALU	2	0	LOW	35.7	1.12	64.3	40
<NO VALU	<NO VALU	6	0	LOW	0	1.58	99.2	20
<NO VALU	<NO VALU	5	0	LOW	0	1.55	99.6	30
<NO VALU	<NO VALU	4	0	LOW	28.8	1.14	71.2	30
<NO VALU	<NO VALU	0	0	LOW	1.8	1.4	98.2	30
<NO VALU	<NO VALU	1	0	LOW	16.6	1.27	83.4	20
<NO VALU	<NO VALU	1	0	LOW	11.02	1.44	88.5	30
<NO VALU	<NO VALU	7	139	LOW	0	2.18	103.4	30
<NO VALU	<NO VALU	7	145	LOW	0	2.19	103.6	40
<NO VALU	<NO VALU	1	0	LOW	0	2.28	100.6	40
0	0	15	15	0	15	15	15	15
0	0	7	145	0	35.7	2.42	103.6	40
0	0	0	0	0	0	1.12	64.3	20
#DIV/0!	#DIV/0!	3.133333	19.46667	#DIV/0!	9.489333	1.702	90.88	30.66667

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
20	2. Rebalan	<NO VALU	<NO VALU	300929.1	204890.3
30	1. OK	<NO VALU	<NO VALU	300929.1	204890.3
50	1. OK	<NO VALU	<NO VALU	300929.1	204890.3
40	1. OK	<NO VALU	<NO VALU	300929.1	204890.3
40	1. OK	<NO VALU	<NO VALU	300929.1	204890.3
20	2. Rebalan	<NO VALU	<NO VALU	300929.1	204890.3
30	1. OK	<NO VALU	<NO VALU	300929.1	204890.3
30	1. OK	<NO VALU	<NO VALU	300929.1	204890.3
20	2. Rebalan	<NO VALU	<NO VALU	300929.1	204890.3
30	1. OK	<NO VALU	<NO VALU	300929.1	204890.3
30	1. OK	<NO VALU	<NO VALU	300929.1	204890.3
30	1. OK	<NO VALU	<NO VALU	300929.1	204890.3
40	1. OK	<NO VALU	<NO VALU	300929.1	204890.3
40	1. OK	<NO VALU	<NO VALU	300929.1	204890.3
50	1. OK	<NO VALU	<NO VALU	300929.1	204890.3
15	0	0	0		
50	0	0	0		
20	0	0	0		
33.33333	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW0705	1/4/2019 13:01	67.5	30.6	0.1	1.8	-43.31	1004
BYPW0705	1/15/2019 12:04	61.7	39.6	0.2	0	-9.04	974
BYPW0705	2/18/2019 8:37	66.9	29.7	1	2.4	-51.84	978
BYPW0705	3/13/2019 12:23	68.7	30.8	0.1	0.4	-35.49	977
BYPW0705	3/19/2019 14:16	71.6	31.5	0.1	0	-44.64	993
BYPW0705	4/9/2019 11:46	70.2	31.6	0	0	-61.93	980
BYPW0705	5/3/2019 11:38	67.1	30	0.2	2.7	-14.84	981
BYPW0705	6/5/2019 13:41	64.9	30	0.3	4.8	-35.34	972
BYPW0705	7/3/2019 14:20	67.9	30.2	0.5	1.4	-36.33	994
BYPW0705	8/2/2019 13:25	61.1	31	0.3	7.6	-43.54	987
BYPW0705	9/6/2019 12:30	65.4	30.8	0.2	3.6	-32.44	986
BYPW0705	10/1/2019 10:49	65.6	31.6	0	2.8	-31.89	964
BYPW0705	11/7/2019 11:31	72.4	32.5	0.1	0	-33.4	959
BYPW0705	12/20/2019 8:48	68.6	32.6	0	0	-36.33	945
	Count	14	14	14	14	14	14
	Max	72.4	39.6	1	7.6	-9.04	1004
	Min	61.1	29.7	0	0	-61.93	945
	Ave	67.11429	31.60714	0.221429	1.964286	-36.45429	978.1429

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	1.42	2.21	98.1	100
<NO VALU	<NO VALU	2	0	LOW	0	1.56	101.3	20
<NO VALU	<NO VALU	3	0	LOW	0	2.25	96.6	100
<NO VALU	<NO VALU	3	0	LOW	0.02	2.23	99.5	100
<NO VALU	<NO VALU	7	47	LOW	0	2.27	103.1	100
<NO VALU	<NO VALU	2	1	LOW	0	2.22	101.8	100
<NO VALU	<NO VALU	3	0	LOW	1.95	2.24	97.1	100
<NO VALU	<NO VALU	2	0	LOW	3.67	2.16	94.9	100
<NO VALU	<NO VALU	5	0	LOW	0	2.25	98.1	100
<NO VALU	<NO VALU	4	0	LOW	6.47	1.97	92.1	100
<NO VALU	<NO VALU	1	0	LOW	2.85	2.12	96.2	100
<NO VALU	<NO VALU	0	0	LOW	2.8	2.08	97.2	100
<NO VALU	<NO VALU	8	42	LOW	0	2.23	104.9	100
<NO VALU	<NO VALU	1	0	LOW	0	2.1	101.2	100
0	0	14	14	0	14	14	14	14
0	0	8	47	0	6.47	2.27	104.9	100
0	0	0	0	0	0	1.56	92.1	20
#DIV/0!	#DIV/0!	2.928571	6.428571	#DIV/0!	1.37	2.135	98.72143	94.28571

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100	1. OK	<NO VALU	<NO VALU	300950.9	204868.6
30	1. OK	<NO VALU	<NO VALU	300950.9	204868.6
100	1. OK	<NO VALU	<NO VALU	300950.9	204868.6
100	1. OK	<NO VALU	<NO VALU	300950.9	204868.6
100	1. OK	<NO VALU	<NO VALU	300950.9	204868.6
100	1. OK	<NO VALU	<NO VALU	300950.9	204868.6
100	1. OK	<NO VALU	<NO VALU	300950.9	204868.6
100	1. OK	<NO VALU	<NO VALU	300950.9	204868.6
100	1. OK	<NO VALU	<NO VALU	300950.9	204868.6
100	1. OK	<NO VALU	<NO VALU	300950.9	204868.6
100	1. OK	<NO VALU	<NO VALU	300950.9	204868.6
100	1. OK	<NO VALU	<NO VALU	300950.9	204868.6
100	1. OK	<NO VALU	<NO VALU	300950.9	204868.6
100	1. OK	<NO VALU	<NO VALU	300950.9	204868.6
14	0	0	0		
100	0	0	0		
30	0	0	0		
95	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
Count		0	0	0	0	0	0
Max		0	0	0	0	0	0
Min		0	0	0	0	0	0
Ave		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	

Comment	X GPS	Y GPS	CH4 + CO2 (%)
	0	0	0
	0	0	0
	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
	Count	0	0	0	0	0	0
	Max	0	0	0	0	0	0
	Min	0	0	0	0	0	0
	Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Comment	X GPS	Y GPS	CH4 + CO2 (%)
	0	0	0
	0	0	0
	0	0	0
	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu

Count	0	0	0	0	0	0
Max	0	0	0	0	0	0
Min	0	0	0	0	0	0
Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	

Comment	X GPS	Y GPS	CH4 + CO2 (%)
	0	0	0
	0	0	0
	0	0	0
	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW1001	1/4/2019 13:30	19	24	2.7	54.3	-0.34	1004
BYPW1001	1/23/2019 14:04	52.3	38.9	0.3	8.5	-0.69	961
BYPW1001	2/8/2019 13:55	34.3	32.7	0.2	32.8	-1.8	956
BYPW1001	3/13/2019 11:31	51.5	35.7	0	12.8	-0.05	976
BYPW1001	3/13/2019 11:33	52.1	37.3	0	10.6	-1.7	976
BYPW1001	4/9/2019 12:57	41.5	33.7	0	24.8	-1.23	980
BYPW1001	5/3/2019 10:51	48.2	33.3	0	18.5	-1.73	981
BYPW1001	6/5/2019 14:17	39.6	33.6	0	26.8	-1.17	971
BYPW1001	7/9/2019 10:53	33.3	30.5	0.1	36.1	-0.55	988
BYPW1001	8/2/2019 13:57	27.6	29.3	0	43.1	-2.01	986
BYPW1001	8/14/2019 10:23	58.6	39.5	0	1.9	0.51	975
BYPW1001	8/14/2019 10:24	57.7	39.5	0	2.8	-0.93	975
BYPW1001	9/6/2019 10:29	33.2	32.3	0	34.5	-0.02	987
BYPW1001	9/20/2019 14:01	54.9	37.8	0	7.3	1.42	989
BYPW1001	9/20/2019 14:03	52.2	37.1	0	10.7	-0.98	989
BYPW1001	10/1/2019 8:57	33.1	32	0	34.9	-1.1	960
BYPW1001	11/14/2019 8:53	41.5	33.1	0	25.4	-2	959
BYPW1001	11/14/2019 8:55	41.8	33.8	0	24.4	-7.22	959
BYPW1001	12/20/2019 11:28	33.2	29.9	0	36.9	-1.97	946
	Count	19	19	19	19	19	19
	Max	58.6	39.5	2.7	54.3	1.42	1004
	Min	19	24	0	1.9	-7.22	946
	Ave	42.4	33.89474	0.173684	23.53158	-1.24	974.6316

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	2	0	LOW	44.15	0.79	43	5
<NO VALU	<NO VALU	4	0	LOW	7.37	1.34	91.2	0
<NO VALU	<NO VALU	2	0	LOW	32.05	1.05	67	0
<NO VALU	<NO VALU	5	0	LOW	12.8	1.44	87.2	0
<NO VALU	<NO VALU	5	0	LOW	10.6	1.4	89.4	5
<NO VALU	<NO VALU	3	0	LOW	24.8	1.23	75.2	5
<NO VALU	<NO VALU	3	0	LOW	18.5	1.45	81.5	5
<NO VALU	<NO VALU	2	0	LOW	26.8	1.18	73.2	5
<NO VALU	<NO VALU	4	28	LOW	35.72	1.09	63.8	1
<NO VALU	<NO VALU	4	0	LOW	43.1	0.94	56.9	1
<NO VALU	<NO VALU	0	0	LOW	1.9	1.48	98.1	0
<NO VALU	<NO VALU	0	0	LOW	2.8	1.46	97.2	5
<NO VALU	<NO VALU	1	0	LOW	34.5	1.03	65.5	0
<NO VALU	<NO VALU	3	0	LOW	7.3	1.45	92.7	0
<NO VALU	<NO VALU	3	0	LOW	10.7	1.41	89.3	5
<NO VALU	<NO VALU	0	0	LOW	34.9	1.03	65.1	5
<NO VALU	<NO VALU	1	1	LOW	25.4	1.25	74.6	0
<NO VALU	<NO VALU	1	1	LOW	24.4	1.24	75.6	5
<NO VALU	<NO VALU	2	0	LOW	36.9	1.11	63.1	5
0	0	19	19	0	19	19	19	19
0	0	5	28	0	44.15	1.48	98.1	5
0	0	0	0	0	1.9	0.79	43	0
#DIV/0!	#DIV/0!	2.368421	1.578947	#DIV/0!	22.87842	1.23	76.29474	2.736842

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	2. Rebalan	<NO VALU	<NO VALU	300960.2	205070.3
5	1. OK	<NO VALU	<NO VALU	300960.2	205070.3
0	2. Rebalan	<NO VALU	<NO VALU	300960.2	205070.3
5	1. OK	<NO VALU	<NO VALU	300960.2	205070.3
5	1. OK	<NO VALU	<NO VALU	300960.2	205070.3
5	1. OK	<NO VALU	<NO VALU	300960.2	205070.3
5	1. OK	<NO VALU	<NO VALU	300960.2	205070.3
1	2. Rebalan	<NO VALU	<NO VALU	300960.2	205070.3
1	2. Rebalan	<NO VALU	<NO VALU	300960.2	205070.3
0	2. Rebalan	<NO VALU	<NO VALU	300960.2	205070.3
5	1. OK	<NO VALU	<NO VALU	300960.2	205070.3
5	1. OK	<NO VALU	<NO VALU	300960.2	205070.3
0	2. Rebalan	<NO VALU	<NO VALU	300960.2	205070.3
5	1. OK	<NO VALU	<NO VALU	300960.2	205070.3
5	1. OK	<NO VALU	<NO VALU	300960.2	205070.3
0	2. Rebalan	<NO VALU	<NO VALU	300960.2	205070.3
5	1. OK	<NO VALU	<NO VALU	300960.2	205070.3
5	1. OK	<NO VALU	<NO VALU	300960.2	205070.3
0	2. Rebalan	<NO VALU	<NO VALU	300960.2	205070.3
19	0	0	0		
5	0	0	0		
0	0	0	0		
3	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW1002	1/4/2019 13:36	35.1	30.3	0.1	34.5	-6.19	1004
BYPW1002	1/23/2019 14:01	56.4	36.8	0.5	6.3	-2.63	962
BYPW1002	2/8/2019 13:52	40.5	33.1	0.3	26.1	-4.87	956
BYPW1002	3/13/2019 11:35	45.3	31.3	0.5	22.9	-3.75	976
BYPW1002	4/9/2019 13:01	40	30.7	0	29.3	-4.99	979
BYPW1002	5/3/2019 10:54	57.3	40.4	0	2.3	-0.12	981
BYPW1002	6/5/2019 14:19	46.5	30.8	0	22.7	-3.56	971
BYPW1002	7/9/2019 11:11	41.1	31.1	0.4	27.4	-2.08	988
BYPW1002	8/2/2019 13:54	33.9	29.2	0.4	36.5	-4.6	986
BYPW1002	8/14/2019 10:20	58.5	36.8	0	4.7	-0.86	975
BYPW1002	9/6/2019 10:26	40.3	31.7	0.1	27.9	-2.42	988
BYPW1002	9/20/2019 14:05	46.9	33.8	0.1	19.2	1.11	989
BYPW1002	9/20/2019 14:06	46.4	34.2	0	19.4	-0.63	989
BYPW1002	10/1/2019 8:53	37.3	31.1	0.4	31.2	-3.4	963
BYPW1002	10/25/2019 12:32	44.9	36	0.3	18.8	-1.42	973
BYPW1002	11/14/2019 8:49	44.7	31.2	0.8	23.3	-4.84	959
BYPW1002	11/14/2019 8:51	43.1	32.6	0.6	23.7	-5.7	959
BYPW1002	12/20/2019 11:25	36.3	30.2	0.1	33.4	-6.42	946
	Count	18	18	18	18	18	18
	Max	58.5	40.4	0.8	36.5	1.11	1004
	Min	33.9	29.2	0	2.3	-6.42	946
	Ave	44.13889	32.85	0.255556	22.75556	-3.187222	974.6667

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	3	0	LOW	34.12	1.16	65.4	10
<NO VALU	<NO VALU	3	0	LOW	4.42	1.53	93.2	5
<NO VALU	<NO VALU	3	0	LOW	24.97	1.22	73.6	5
<NO VALU	<NO VALU	4	0	LOW	21.02	1.45	76.6	5
<NO VALU	<NO VALU	3	0	LOW	29.3	1.3	70.7	20
<NO VALU	<NO VALU	5	0	LOW	2.3	1.42	97.7	5
<NO VALU	<NO VALU	2	0	LOW	22.7	1.51	77.3	10
<NO VALU	<NO VALU	6	40	LOW	25.9	1.32	72.2	10
<NO VALU	<NO VALU	4	0	LOW	35	1.16	63.1	10
<NO VALU	<NO VALU	0	0	LOW	4.7	1.59	95.3	5
<NO VALU	<NO VALU	1	1	LOW	27.52	1.27	72	5
<NO VALU	<NO VALU	3	0	LOW	18.82	1.39	80.7	5
<NO VALU	<NO VALU	3	0	LOW	19.4	1.36	80.6	10
<NO VALU	<NO VALU	0	0	LOW	29.7	1.2	68.4	10
<NO VALU	<NO VALU	1	0	LOW	17.67	1.25	80.9	5
<NO VALU	<NO VALU	1	1	LOW	20.29	1.43	75.9	5
<NO VALU	<NO VALU	1	1	LOW	21.44	1.32	75.7	10
<NO VALU	<NO VALU	1	0	LOW	33.02	1.2	66.5	10
0	0	18	18	0	18	18	18	18
0	0	6	40	0	35	1.59	97.7	20
0	0	0	0	0	2.3	1.16	63.1	5
#DIV/0!	#DIV/0!	2.444444	2.388889	#DIV/0!	21.79389	1.337778	76.98889	8.055556

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	2. Rebalan	<NO VALU	<NO VALU	300940.2	205038.4
20	1. OK	<NO VALU	<NO VALU	300940.2	205038.4
5	2. Rebalan	<NO VALU	<NO VALU	300940.2	205038.4
5	1. OK	<NO VALU	<NO VALU	300940.2	205038.4
5	2. Rebalan	<NO VALU	<NO VALU	300940.2	205038.4
10	1. OK	<NO VALU	<NO VALU	300940.2	205038.4
10	1. OK	<NO VALU	<NO VALU	300940.2	205038.4
10	1. OK	<NO VALU	<NO VALU	300940.2	205038.4
5	2. Rebalan	<NO VALU	<NO VALU	300940.2	205038.4
5	1. OK	<NO VALU	<NO VALU	300940.2	205038.4
5	2. Rebalan	<NO VALU	<NO VALU	300940.2	205038.4
10	1. OK	<NO VALU	<NO VALU	300940.2	205038.4
10	1. OK	<NO VALU	<NO VALU	300940.2	205038.4
5	2. Rebalan	<NO VALU	<NO VALU	300940.2	205038.4
5	1. OK	<NO VALU	<NO VALU	300940.2	205038.4
10	1. OK	<NO VALU	<NO VALU	300940.2	205038.4
10	1. OK	<NO VALU	<NO VALU	300940.2	205038.4
5	2. Rebalan	<NO VALU	<NO VALU	300940.2	205038.4
18		0	0	0	
20		0	0	0	
5		0	0	0	
7.777778	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW1003	1/4/2019 13:39	43.6	36.2	0	20.2	-6.44	1004
BYPW1003	1/23/2019 13:59	51.7	37.9	0.1	10.3	-7.73	962
BYPW1003	2/8/2019 13:50	46.8	36.9	0.3	16	-8.36	956
BYPW1003	3/13/2019 11:37	48.4	35.7	0	15.9	-6.96	976
BYPW1003	4/9/2019 13:04	54	39.1	0	6.9	-4.95	980
BYPW1003	5/3/2019 10:57	56.5	41.6	0	1.9	-4.25	980
BYPW1003	6/5/2019 14:21	52.2	37.6	0	10.2	-5.26	971
BYPW1003	7/9/2019 11:15	48.3	36.8	0.2	14.7	-3.19	988
BYPW1003	8/2/2019 13:52	38.7	34.2	0	27.1	-7.65	986
BYPW1003	8/14/2019 10:16	55.9	42.7	0	1.4	3.41	972
BYPW1003	8/14/2019 10:18	55.3	43.1	0	1.6	-4	972
BYPW1003	9/6/2019 10:24	46	37.1	0	16.9	-3.05	988
BYPW1003	10/1/2019 8:50	48.5	38.2	0.1	13.2	-5.18	963
BYPW1003	11/14/2019 8:46	48.4	34.3	0.1	17.2	-10.2	958
BYPW1003	12/20/2019 11:23	42.7	32.8	0.1	24.4	-12.78	945
	Count	15	15	15	15	15	15
	Max	56.5	43.1	0.3	27.1	3.41	1004
	Min	38.7	32.8	0	1.4	-12.78	945
	Ave	49.13333	37.61333	0.06	13.19333	-5.772667	973.4

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	2	0	LOW	20.2	1.2	79.8	50
<NO VALU	<NO VALU	3	0	LOW	9.92	1.36	89.6	50
<NO VALU	<NO VALU	1	0	LOW	14.87	1.27	83.7	50
<NO VALU	<NO VALU	4	0	LOW	15.9	1.36	84.1	50
<NO VALU	<NO VALU	4	0	LOW	6.9	1.38	93.1	50
<NO VALU	<NO VALU	6	0	LOW	1.9	1.36	98.1	50
<NO VALU	<NO VALU	4	0	LOW	10.2	1.39	89.8	50
<NO VALU	<NO VALU	6	46	LOW	13.95	1.31	85.1	50
<NO VALU	<NO VALU	5	0	LOW	27.1	1.13	72.9	50
<NO VALU	<NO VALU	0	0	LOW	1.4	1.31	98.6	40
<NO VALU	<NO VALU	0	0	LOW	1.6	1.28	98.4	50
<NO VALU	<NO VALU	2	1	LOW	16.9	1.24	83.1	40
<NO VALU	<NO VALU	1	0	LOW	12.82	1.27	86.7	40
<NO VALU	<NO VALU	2	1	LOW	16.82	1.41	82.7	40
<NO VALU	<NO VALU	1	0	LOW	24.02	1.3	75.5	40
0	0	15	15	0	15	15	15	15
0	0	6	46	0	27.1	1.41	98.6	50
0	0	0	0	0	1.4	1.13	72.9	40
#DIV/0!	#DIV/0!	2.733333	3.2	#DIV/0!	12.96667	1.304667	86.74667	46.66667

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
50	1. OK	<NO VALU	<NO VALU	300923.1	205008.8
50	1. OK	<NO VALU	<NO VALU	300923.1	205008.8
50	1. OK	<NO VALU	<NO VALU	300923.1	205008.8
50	1. OK	<NO VALU	<NO VALU	300923.1	205008.8
50	1. OK	<NO VALU	<NO VALU	300923.1	205008.8
50	1. OK	<NO VALU	<NO VALU	300923.1	205008.8
50	1. OK	<NO VALU	<NO VALU	300923.1	205008.8
50	1. OK	<NO VALU	<NO VALU	300923.1	205008.8
40	2. Rebalan	<NO VALU	<NO VALU	300923.1	205008.8
50	1. OK	<NO VALU	<NO VALU	300923.1	205008.8
50	1. OK	<NO VALU	<NO VALU	300923.1	205008.8
40	1. OK	<NO VALU	<NO VALU	300923.1	205008.8
40	1. OK	<NO VALU	<NO VALU	300923.1	205008.8
40	1. OK	<NO VALU	<NO VALU	300923.1	205008.8
40	1. OK	<NO VALU	<NO VALU	300923.1	205008.8
15	0	0	0		
50	0	0	0		
40	0	0	0		
46.66667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW1004	1/4/2019 13:27	55.6	40	0.1	4.3	-41.56	1004
BYPW1004	2/8/2019 14:01	61.9	45.5	0.2	0	-46.82	956
BYPW1004	3/13/2019 11:45	57.6	41.7	0	0.7	-37.31	976
BYPW1004	3/19/2019 13:40	60	41.5	0.2	0	-46.78	992
BYPW1004	4/9/2019 12:55	58.9	42.6	0	0	-55.32	980
BYPW1004	5/3/2019 10:46	56.9	41.2	0	1.9	-15.39	981
BYPW1004	6/5/2019 14:13	57.2	41.4	0	1.4	-36.72	971
BYPW1004	7/9/2019 11:07	58.7	41.7	0.2	0	-19.19	988
BYPW1004	8/2/2019 14:04	51.4	40.5	0.4	7.7	-57.09	986
BYPW1004	9/6/2019 12:12	1.8	3.7	19.2	75.3	-32.47	987
BYPW1004	9/20/2019 13:57	55.4	40	0.5	4.1	30.5	989
BYPW1004	9/20/2019 13:59	51.9	39.7	0.6	7.8	-18.49	989
BYPW1004	10/1/2019 9:06	38.2	31.1	6	24.7	-32.09	962
BYPW1004	10/25/2019 12:27	55.4	43.1	0.2	1.3	-0.46	976
BYPW1004	10/25/2019 12:29	54.4	43.2	0.4	2	-14.13	976
BYPW1004	11/7/2019 12:03	61.1	43.7	0.1	0	-36.19	958
BYPW1004	11/7/2019 12:04	61.4	43.7	0.1	0	-37.28	958
BYPW1004	12/20/2019 11:34	57.8	42.1	0	0.1	-40.74	945
	Count	18	18	18	18	18	18
	Max	61.9	45.5	19.2	75.3	30.5	1004
	Min	1.8	3.7	0	0	-57.09	945
	Ave	53.08889	39.24444	1.566667	7.294444	-29.86278	976.3333

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	3.92	1.39	95.6	100
<NO VALU	<NO VALU	4	0	LOW	0	1.36	107.4	100
<NO VALU	<NO VALU	7	0	LOW	0.7	1.38	99.3	100
<NO VALU	<NO VALU	17	213	LOW	0	1.45	101.5	100
<NO VALU	<NO VALU	7	0	LOW	0	1.38	101.5	100
<NO VALU	<NO VALU	7	0	LOW	1.9	1.38	98.1	100
<NO VALU	<NO VALU	4	0	LOW	1.4	1.38	98.6	100
<NO VALU	<NO VALU	4	199	LOW	0	1.41	100.4	100
<NO VALU	<NO VALU	7	0	LOW	6.2	1.27	91.9	100
<NO VALU	<NO VALU	0	0	LOW	3.11	0.49	5.5	100
<NO VALU	<NO VALU	6	0	LOW	2.22	1.39	95.4	0
<NO VALU	<NO VALU	5	0	LOW	5.54	1.31	91.6	20
<NO VALU	<NO VALU	2	0	LOW	2.14	1.23	69.3	20
<NO VALU	<NO VALU	3	0	LOW	0.55	1.29	98.5	5
<NO VALU	<NO VALU	3	0	LOW	0.5	1.26	97.6	20
<NO VALU	<NO VALU	15	213	LOW	0	1.4	104.8	20
<NO VALU	<NO VALU	16	213	LOW	0	1.41	105.1	50
<NO VALU	<NO VALU	4	0	LOW	0.1	1.37	99.9	50
0	0	18	18	0	18	18	18	18
0	0	17	213	0	6.2	1.45	107.4	100
0	0	0	0	0	0	0.49	5.5	0
#DIV/0!	#DIV/0!	6.166667	46.55556	#DIV/0!	1.571111	1.308333	92.33333	65.83333

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
100	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
100	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
100	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
100	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
100	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
100	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
100	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
100	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
0	2. Rebalan	<NO VALU	<NO VALU	300973.5	205023.7
20	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
20	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
5	2. Rebalan	<NO VALU	<NO VALU	300973.5	205023.7
20	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
20	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
50	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
50	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
80	1. OK	<NO VALU	<NO VALU	300973.5	205023.7
18	0	0	0		
100	0	0	0		
0	0	0	0		
64.72222	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW1005	1/4/2019 13:22	41.4	32.2	0	26.4	-35.56	1005
BYPW1005	1/23/2019 14:06	52.4	34.9	0.1	12.6	-32.66	961
BYPW1005	2/8/2019 13:57	44.1	33.1	0.2	22.6	-42.35	955
BYPW1005	3/13/2019 11:49	49.7	34.9	0	15.4	-27.25	976
BYPW1005	4/9/2019 12:51	49.2	34.9	0	15.9	-43.65	980
BYPW1005	5/3/2019 10:42	46	34.4	0	19.6	-14.53	981
BYPW1005	6/5/2019 14:09	49.4	33.7	0	16.9	-28.45	971
BYPW1005	7/9/2019 10:58	47.9	36.2	0.1	15.8	-14.78	988
BYPW1005	8/2/2019 13:59	43.8	34.9	0	21.3	-33.79	986
BYPW1005	9/6/2019 12:08	43.4	33.9	0	22.7	-30.36	986
BYPW1005	10/1/2019 8:59	48.3	33.4	0	18.3	-28.15	962
BYPW1005	11/7/2019 11:59	51.8	33.4	0.1	14.7	-34.47	958
BYPW1005	12/20/2019 11:30	45.7	31.6	0	22.7	-39.01	946
	Count	13	13	13	13	13	13
	Max	52.4	36.2	0.2	26.4	-14.53	1005
	Min	41.4	31.6	0	12.6	-43.65	946
	Ave	47.16154	33.96154	0.038462	18.83846	-31.15462	973.4615

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	26.4	1.29	73.6	20
<NO VALU	<NO VALU	2	0	LOW	12.22	1.5	87.3	10
<NO VALU	<NO VALU	2	0	LOW	21.85	1.33	77.2	10
<NO VALU	<NO VALU	4	0	LOW	15.4	1.42	84.6	10
<NO VALU	<NO VALU	3	0	LOW	15.9	1.41	84.1	20
<NO VALU	<NO VALU	3	0	LOW	19.6	1.34	80.4	30
<NO VALU	<NO VALU	3	0	LOW	16.9	1.47	83.1	30
<NO VALU	<NO VALU	5	74	LOW	15.42	1.32	84.1	30
<NO VALU	<NO VALU	5	0	LOW	21.3	1.26	78.7	30
<NO VALU	<NO VALU	1	1	LOW	22.7	1.28	77.3	30
<NO VALU	<NO VALU	0	0	LOW	18.3	1.45	81.7	30
<NO VALU	<NO VALU	11	24	LOW	14.32	1.55	85.2	30
<NO VALU	<NO VALU	0	0	LOW	22.7	1.45	77.3	30
0	0	13	13	0	13	13	13	13
0	0	11	74	0	26.4	1.55	87.3	30
0	0	0	0	0	12.22	1.26	73.6	10
#DIV/0!	#DIV/0!	3	7.615385	#DIV/0!	18.69308	1.39	81.12308	23.84615

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
10	2. Rebalan	<NO VALU	<NO VALU	300984.5	205052.8
30	1. OK	<NO VALU	<NO VALU	300984.5	205052.8
10	1. OK	<NO VALU	<NO VALU	300984.5	205052.8
20	1. OK	<NO VALU	<NO VALU	300984.5	205052.8
30	1. OK	<NO VALU	<NO VALU	300984.5	205052.8
30	1. OK	<NO VALU	<NO VALU	300984.5	205052.8
30	1. OK	<NO VALU	<NO VALU	300984.5	205052.8
30	1. OK	<NO VALU	<NO VALU	300984.5	205052.8
30	1. OK	<NO VALU	<NO VALU	300984.5	205052.8
30	1. OK	<NO VALU	<NO VALU	300984.5	205052.8
30	1. OK	<NO VALU	<NO VALU	300984.5	205052.8
30	1. OK	<NO VALU	<NO VALU	300984.5	205052.8
30	1. OK	<NO VALU	<NO VALU	300984.5	205052.8
13	0	0	0		
30	0	0	0		
10	0	0	0		
26.15385	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW1006	1/4/2019 13:18	44.1	26.4	0.4	29.1	-2.48
BYPW1006	2/8/2019 14:04	9.4	8.3	18.8	63.5	-12.22
BYPW1006	3/13/2019 11:53	77.8	19	0	3.2	-0.02
BYPW1006	3/13/2019 11:55	77.5	19.4	0	3.1	-2.01
BYPW1006	3/19/2019 13:45	66	29.1	0.3	4.6	-0.43
BYPW1006	3/19/2019 13:58	65.9	29.1	0.3	4.7	-0.59
BYPW1006	4/9/2019 12:49	64.3	30.8	0.8	4.1	-0.43
BYPW1006	5/3/2019 10:40	53.4	33	0	13.6	-2.16
BYPW1006	6/5/2019 14:06	62.3	31.4	0.4	5.9	-1.11
BYPW1006	7/9/2019 11:01	65.2	34.7	0.1	0	-1.85
BYPW1006	8/2/2019 14:06	59.8	34.6	0	5.6	-0.26
BYPW1006	9/6/2019 12:06	34	24.9	4.2	36.9	-1.82
BYPW1006	9/20/2019 13:53	63.4	34.6	0.2	1.8	1.1
BYPW1006	9/20/2019 13:55	62.9	35.2	0	1.9	-1.61
BYPW1006	10/1/2019 9:03	70.1	19.9	0.8	9.2	-0.65
BYPW1006	11/7/2019 11:56	75.6	28.7	0.2	0	-2.41
BYPW1006	12/20/2019 11:39	65.9	25.4	0.7	8	-2.66
	Count	17	17	17	17	17
	Max	77.8	35.2	18.8	63.5	1.1
	Min	9.4	8.3	0	0	-12.22
	Ave	59.85882	27.32353	1.6	11.48235	-1.859412

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
1005	<NO VALU	<NO VALU	0	0	LOW	27.6	1.67	70.5
956	<NO VALU	<NO VALU	0	0	LOW	0	1.13	17.7
976	<NO VALU	<NO VALU	2	0	LOW	3.2	4.09	96.8
976	<NO VALU	<NO VALU	1	0	LOW	3.1	3.99	96.9
993	<NO VALU	<NO VALU	4	72	LOW	3.47	2.27	95.1
993	<NO VALU	<NO VALU	4	72	LOW	3.57	2.26	95
980	<NO VALU	<NO VALU	2	0	LOW	1.09	2.09	95.1
981	<NO VALU	<NO VALU	3	0	LOW	13.6	1.62	86.4
971	<NO VALU	<NO VALU	2	0	LOW	4.4	1.98	93.7
988	<NO VALU	<NO VALU	4	82	LOW	0	1.88	99.9
986	<NO VALU	<NO VALU	4	0	LOW	5.6	1.73	94.4
987	<NO VALU	<NO VALU	0	0	LOW	21.11	1.37	58.9
990	<NO VALU	<NO VALU	2	0	LOW	1.05	1.83	98
990	<NO VALU	<NO VALU	3	0	LOW	1.9	1.79	98.1
963	<NO VALU	<NO VALU	0	0	LOW	6.19	3.52	90
958	<NO VALU	<NO VALU	9	137	LOW	0	2.63	104.3
946	<NO VALU	<NO VALU	0	0	LOW	5.37	2.59	91.3
17	0	0	17	17	0	17	17	17
1005	0	0	9	137	0	27.6	4.09	104.3
946	0	0	0	0	0	0	1.13	17.7
978.7647	#DIV/0!	#DIV/0!	2.352941	21.35294	#DIV/0!	5.955882	2.261176	87.18235

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	5	2. Rebalan	<NO VALU	<NO VALU	301004	205026.3
5	0	2. Rebalan	<NO VALU	<NO VALU	301004	205026.3
0	5	1. OK	<NO VALU	<NO VALU	301004	205026.3
5	5	1. OK	<NO VALU	<NO VALU	301004	205026.3
5	7	1. OK	<NO VALU	<NO VALU	301004	205026.3
7	7	1. OK	<NO VALU	<NO VALU	301004	205026.3
7	7	1. OK	<NO VALU	<NO VALU	301004	205026.3
7	7	1. OK	<NO VALU	<NO VALU	301004	205026.3
7	7	1. OK	<NO VALU	<NO VALU	301004	205026.3
7	7	1. OK	<NO VALU	<NO VALU	301004	205026.3
7	7	1. OK	<NO VALU	<NO VALU	301004	205026.3
7	0	2. Rebalan	<NO VALU	<NO VALU	301004	205026.3
0	5	1. OK	<NO VALU	<NO VALU	301004	205026.3
5	5	1. OK	<NO VALU	<NO VALU	301004	205026.3
5	5	1. OK	<NO VALU	<NO VALU	301004	205026.3
5	5	1. OK	<NO VALU	<NO VALU	301004	205026.3
5	5	1. OK	<NO VALU	<NO VALU	301004	205026.3
17	17	0	0	0		
7	7	0	0	0		
0	0	0	0	0		
5.235294	5.235294	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
BYPW1101	1/4/2019 12:52	44.8	35.6	0	19.6	-43.46	1004
BYPW1101	2/8/2019 14:06	52	35.7	0.4	11.9	-47.38	956
BYPW1101	3/13/2019 11:58	49.3	36.7	0	14	-36.67	976
BYPW1101	3/13/2019 12:00	34.6	29.9	2.3	33.2	-36.67	976
BYPW1101	4/9/2019 12:39	47.8	35.9	0.1	16.2	-59.98	979
BYPW1101	5/3/2019 10:37	47.2	36.1	0	16.7	-15.61	981
BYPW1101	6/5/2019 14:00	44.2	34.9	0	20.9	-36.13	970
BYPW1101	7/3/2019 14:40	39.3	32.7	0.2	27.8	-37.84	993
BYPW1101	8/2/2019 13:43	35.2	32.7	0	32.1	-41.87	986
BYPW1101	9/6/2019 12:01	53.2	39.3	0	7.5	-8.37	988
BYPW1101	9/6/2019 12:02	52.4	39.4	0	8.2	-28.73	988
BYPW1101	10/1/2019 11:28	53.1	39.1	0.1	7.7	-31.39	963
BYPW1101	10/1/2019 11:29	52.5	39.7	0	7.8	-31.91	963
BYPW1101	11/7/2019 11:52	58.5	41.2	0.1	0.2	-31.31	958
BYPW1101	11/7/2019 11:53	58.6	41.2	0.1	0.1	-33.01	958
BYPW1101	12/20/2019 9:06	56.1	39.7	0	4.2	-33.24	944
	Count	16	16	16	16	16	16
	Max	58.6	41.2	2.3	33.2	-8.37	1004
	Min	34.6	29.9	0	0.1	-59.98	944
	Ave	48.675	36.8625	0.20625	14.25625	-34.59813	973.9375

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	5	0	LOW	19.6	1.26	80.4	100
<NO VALU	<NO VALU	2	0	LOW	10.4	1.46	87.7	100
<NO VALU	<NO VALU	5	0	LOW	14	1.34	86	100
<NO VALU	<NO VALU	2	0	LOW	24.55	1.16	64.5	-
<NO VALU	<NO VALU	3	0	LOW	15.82	1.33	83.7	100
<NO VALU	<NO VALU	4	2	LOW	16.7	1.31	83.3	100
<NO VALU	<NO VALU	3	0	LOW	20.9	1.27	79.1	100
<NO VALU	<NO VALU	6	2	LOW	27.05	1.2	72	100
<NO VALU	<NO VALU	2	2	LOW	32.1	1.08	67.9	50
<NO VALU	<NO VALU	2	2	LOW	7.5	1.35	92.5	20
<NO VALU	<NO VALU	2	2	LOW	8.2	1.33	91.8	40
<NO VALU	<NO VALU	1	0	LOW	7.32	1.36	92.2	40
<NO VALU	<NO VALU	1	0	LOW	7.8	1.32	92.2	50
<NO VALU	<NO VALU	12	96	LOW	0	1.42	99.7	50
<NO VALU	<NO VALU	12	96	LOW	0	1.42	99.8	80
<NO VALU	<NO VALU	3	0	LOW	4.2	1.41	95.8	80
0	0	16	16	0	16	16	16	15
0	0	12	96	0	32.1	1.46	99.8	100
0	0	1	0	0	0	1.08	64.5	20
#DIV/0!	#DIV/0!	4.0625	12.625	#DIV/0!	13.50875	1.31375	85.5375	74

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100	1. OK	<NO VALU	<NO VALU	300994.5	204989.2
100	1. OK	<NO VALU	<NO VALU	300994.5	204989.2
100	1. OK	<NO VALU	<NO VALU	300994.5	204989.2
-	No comme	<NO VALU	<NO VALU	300994.5	204989.2
100	1. OK	<NO VALU	<NO VALU	300994.5	204989.2
100	1. OK	<NO VALU	<NO VALU	300994.5	204989.2
100	1. OK	<NO VALU	<NO VALU	300994.5	204989.2
50	2. Rebalan	<NO VALU	<NO VALU	300994.5	204989.2
20	2. Rebalan	<NO VALU	<NO VALU	300994.5	204989.2
40	1. OK	<NO VALU	<NO VALU	300994.5	204989.2
40	1. OK	<NO VALU	<NO VALU	300994.5	204989.2
50	1. OK	<NO VALU	<NO VALU	300994.5	204989.2
50	1. OK	<NO VALU	<NO VALU	300994.5	204989.2
80	1. OK	<NO VALU	<NO VALU	300994.5	204989.2
80	1. OK	<NO VALU	<NO VALU	300994.5	204989.2
80	1. OK	<NO VALU	<NO VALU	300994.5	204989.2
15	0	0	0		
100	0	0	0		
20	0	0	0		
72.66667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
	Count	0	0	0	0	0	0
	Max	0	0	0	0	0	0
	Min	0	0	0	0	0	0
	Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	>3% O2			#REF!			
	% > 3% O2			#REF!			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Comment	X GPS	Y GPS	CH4 + CO2 (%)
	0	0	0
	0	0	0
	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (m	Atm Pressu
	Count	0	0	0	0	0	0
	Max	0	0	0	0	0	0
	Min	0	0	0	0	0	0
	Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	>3% O2			#REF!			
	% > 3% O2			#REF!			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Comment	X GPS	Y GPS	CH4 + CO2 (%)
	0	0	0
	0	0	0
	0	0	0
	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPWM101	1/11/2019 12:06	49.7	21.8	0.3	28.2	-0.22
BYPWM101	2/8/2019 13:14	42.6	24.4	0.3	32.7	-2.57
BYPWM101	3/13/2019 8:16	40.6	24.6	0	34.8	-0.48
BYPWM101	4/9/2019 14:07	53.1	22.4	0	24.5	-0.53
BYPWM101	5/10/2019 8:05	55.9	24.6	0	19.5	-0.48
BYPWM101	6/5/2019 11:18	53.4	23.3	0	23.3	-0.43
BYPWM101	7/9/2019 10:12	45.7	23.8	0.2	30.3	-0.31
BYPWM101	8/9/2019 11:55	44.2	23	0	32.8	-1.89
BYPWM101	9/6/2019 9:52	43.6	24.2	0	32.2	-0.86
BYPWM101	10/1/2019 8:12	45.6	23	0.2	31.2	-0.58
BYPWM101	11/7/2019 13:39	52.7	24	0.2	23.1	-0.73
BYPWM101	12/20/2019 11:52	47.4	25.1	0	27.5	-0.21
	Count	12	12	12	12	12
	Max	55.9	25.1	0.3	34.8	-0.21
	Min	40.6	21.8	0	19.5	-2.57
	Ave	47.875	23.68333	0.1	28.34167	-0.774167

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
997	<NO VALU	<NO VALU	1	0	LOW	27.07	2.28	71.5
957	<NO VALU	<NO VALU	1	0	LOW	31.57	1.75	67
974	<NO VALU	<NO VALU	1	0	LOW	34.8	1.65	65.2
981	<NO VALU	<NO VALU	1	0	LOW	24.5	2.37	75.5
974	<NO VALU	<NO VALU	2	0	LOW	19.5	2.27	80.5
971	<NO VALU	<NO VALU	0	0	LOW	23.3	2.29	76.7
988	<NO VALU	<NO VALU	0	34	LOW	29.55	1.92	69.5
964	<NO VALU	<NO VALU	3	2	LOW	32.8	1.92	67.2
989	<NO VALU	<NO VALU	0	0	LOW	32.2	1.8	67.8
963	<NO VALU	<NO VALU	0	0	LOW	30.45	1.98	68.6
960	<NO VALU	<NO VALU	8	55	LOW	22.35	2.2	76.7
947	<NO VALU	<NO VALU	1	0	LOW	27.5	1.89	72.5
12	0	0	12	12	0	12	12	12
997	0	0	8	55	0	34.8	2.37	80.5
947	0	0	0	0	0	19.5	1.65	65.2
972.0833	#DIV/0!	#DIV/0!	1.5	7.583333	#DIV/0!	27.96583	2.026667	71.55833

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
10	10	1. OK	<NO VALU	<NO VALU	-
10	5	1. OK	<NO VALU	<NO VALU	-
5	5	1. OK	<NO VALU	<NO VALU	-
5	10	1. OK	<NO VALU	<NO VALU	-
10	10	1. OK	<NO VALU	<NO VALU	-
10	20	1. OK	<NO VALU	<NO VALU	-
20	20	1. OK	<NO VALU	<NO VALU	-
20	20	1. OK	<NO VALU	<NO VALU	-
20	20	1. OK	<NO VALU	<NO VALU	-
20	20	1. OK	<NO VALU	<NO VALU	-
20	20	1. OK	<NO VALU	<NO VALU	-
20	20	1. OK	<NO VALU	<NO VALU	-
20	20	1. OK	<NO VALU	<NO VALU	-
12	12	0	0	0	
20	20	0	0	0	
5	5	0	0	0	
14.16667	15	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPZ0001	1/4/2019 12:28	54.7	43.8	0	1.5	-38.82
BYPZ0001	2/15/2019 13:44	57.6	44.4	0	0	-50.62
BYPZ0001	3/13/2019 12:21	55.7	44.6	0	0	-37.46
BYPZ0001	3/19/2019 14:13	57.5	44.8	0.2	0	-44.97
BYPZ0001	4/9/2019 11:43	57	45.2	0	0	-61.64
BYPZ0001	5/3/2019 11:26	54.6	44	0	1.4	-15.39
BYPZ0001	6/5/2019 13:45	54	44.6	0	1.4	-35.17
BYPZ0001	7/3/2019 14:17	55.8	43.8	0.3	0.1	-36.49
BYPZ0001	8/2/2019 13:27	51.5	44.3	0	4.2	-43.6
BYPZ0001	9/6/2019 12:32	53.7	45.2	0	1.1	-32.9
BYPZ0001	10/1/2019 10:51	52.9	44.5	0	2.6	-31.63
BYPZ0001	11/7/2019 11:33	59.3	46.2	0.1	0	-35.83
BYPZ0001	12/20/2019 8:52	55.7	45	0	0	-41.12
	Count	13	13	13	13	13
	Max	59.3	46.2	0.3	4.2	-15.39
	Min	51.5	43.8	0	0	-61.64
	Ave	55.38462	44.64615	0.046154	0.946154	-38.89538

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
1005	<NO VALU	<NO VALU	0	1	LOW	1.5	1.25	98.5
989	<NO VALU	<NO VALU	14	2	LOW	0	1.3	102
976	<NO VALU	<NO VALU	9	0	LOW	0	1.25	100.3
993	<NO VALU	<NO VALU	22	87	LOW	0	1.28	102.3
980	<NO VALU	<NO VALU	9	0	LOW	0	1.26	102.2
981	<NO VALU	<NO VALU	10	0	LOW	1.4	1.24	98.6
972	<NO VALU	<NO VALU	7	0	LOW	1.4	1.21	98.6
994	<NO VALU	<NO VALU	11	0	LOW	0	1.27	99.6
987	<NO VALU	<NO VALU	9	5	LOW	4.2	1.16	95.8
988	<NO VALU	<NO VALU	6	2	LOW	1.1	1.19	98.9
964	<NO VALU	<NO VALU	4	0	LOW	2.6	1.19	97.4
958	<NO VALU	<NO VALU	15	61	LOW	0	1.28	105.5
944	<NO VALU	<NO VALU	7	0	LOW	0	1.24	100.7
13	0	0	13	13	0	13	13	13
1005	0	0	22	87	0	4.2	1.3	105.5
944	0	0	0	0	0	0	1.16	95.8
979.3077	#DIV/0!	#DIV/0!	9.461538	12.15385	#DIV/0!	0.938462	1.24	100.0308

Depart valu	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100	100	1. OK	<NO VALU	<NO VALU	-	-
100	100	1. OK	<NO VALU	<NO VALU	-	-
100	100	1. OK	<NO VALU	<NO VALU	-	-
100	100	1. OK	<NO VALU	<NO VALU	-	-
100	100	1. OK	<NO VALU	<NO VALU	-	-
100	100	1. OK	<NO VALU	<NO VALU	-	-
100	100	1. OK	<NO VALU	<NO VALU	-	-
100	100	1. OK	<NO VALU	<NO VALU	-	-
100	100	1. OK	<NO VALU	<NO VALU	-	-
100	100	1. OK	<NO VALU	<NO VALU	-	-
100	100	1. OK	<NO VALU	<NO VALU	-	-
100	100	1. OK	<NO VALU	<NO VALU	-	-
100	100	1. OK	<NO VALU	<NO VALU	-	-
13	13	0	0	0		
100	100	0	0	0		
100	100	0	0	0		
100	100	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW1201	1/4/2019 13:41	48.1	39.8	0	12.1	-4.11
BYPW1201	1/23/2019 13:56	51.1	40.6	0.1	8.2	-7.85
BYPW1201	2/8/2019 14:18	46.4	39.7	0.1	13.8	-10.2
BYPW1201	3/13/2019 11:40	51	38.4	0	10.6	-8.43
BYPW1201	3/19/2019 14:06	51.4	37.9	0.2	10.5	-12.45
BYPW1201	4/9/2019 13:07	54.3	40.6	0	5.1	-7.35
BYPW1201	5/3/2019 11:01	54.5	42.5	0	3	-3.91
BYPW1201	6/5/2019 14:24	53.1	41	0	5.9	-5
BYPW1201	7/3/2019 14:46	54	40.6	0.1	5.3	-5.21
BYPW1201	8/2/2019 13:49	40.1	37.5	0	22.4	-10.6
BYPW1201	8/14/2019 10:28	54.5	43.9	0	1.6	3.16
BYPW1201	8/14/2019 10:30	53.9	44.6	0	1.5	-2.01
BYPW1201	9/6/2019 11:56	49.6	40.2	0	10.2	-3.59
BYPW1201	10/1/2019 9:14	50.1	40.2	0.1	9.6	-7.14
BYPW1201	10/1/2019 9:15	49.9	40.6	0	9.5	-8.61
BYPW1201	11/7/2019 12:11	53	39.8	0.1	7.1	-9.97
BYPW1201	12/20/2019 11:45	51.6	37.5	0	10.9	-16.92
	Count	17	17	17	17	17
	Max	54.5	44.6	0.2	22.4	3.16
	Min	40.1	37.5	0	1.5	-16.92
	Ave	50.97647	40.31765	0.041176	8.664706	-7.07

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
1004	<NO VALU	<NO VALU	1	0	LOW	12.1	1.21	87.9
961	<NO VALU	<NO VALU	5	0	LOW	7.82	1.26	91.7
955	<NO VALU	<NO VALU	3	0	LOW	13.42	1.17	86.1
976	<NO VALU	<NO VALU	4	0	LOW	10.6	1.33	89.4
993	<NO VALU	<NO VALU	11	97	LOW	9.75	1.36	89.3
980	<NO VALU	<NO VALU	5	0	LOW	5.1	1.34	94.9
980	<NO VALU	<NO VALU	6	0	LOW	3	1.28	97
971	<NO VALU	<NO VALU	4	0	LOW	5.9	1.3	94.1
993	<NO VALU	<NO VALU	9	1	LOW	4.92	1.33	94.6
986	<NO VALU	<NO VALU	5	0	LOW	22.4	1.07	77.6
974	<NO VALU	<NO VALU	0	0	LOW	1.6	1.24	98.4
974	<NO VALU	<NO VALU	0	0	LOW	1.5	1.21	98.5
987	<NO VALU	<NO VALU	4	0	LOW	10.2	1.23	89.8
962	<NO VALU	<NO VALU	1	0	LOW	9.22	1.25	90.3
962	<NO VALU	<NO VALU	1	0	LOW	9.5	1.23	90.5
958	<NO VALU	<NO VALU	15	88	LOW	6.72	1.33	92.8
946	<NO VALU	<NO VALU	2	0	LOW	10.9	1.38	89.1
17	0	0	17	17	0	17	17	17
1004	0	0	15	97	0	22.4	1.38	98.5
946	0	0	0	0	0	1.5	1.07	77.6
974.2353	#DIV/0!	#DIV/0!	4.470588	10.94118	#DIV/0!	8.508824	1.265882	91.29412

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
30	30	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
30	40	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
40	40	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
40	40	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
40	40	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
40	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
50	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
50	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
50	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
50	40	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
40	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
50	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
40	40	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
40	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
50	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
50	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
50	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
17	17	0	0	0		
50	50	0	0	0		
30	30	0	0	0		
43.52941	45.29412	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW1301	1/4/2019 12:20	47.7	33.6	1.2	17.5	-10.08
BYPW1301	2/15/2019 13:38	23.7	22.4	0.3	53.6	-42.43
BYPW1301	3/13/2019 12:32	67.1	32.1	0.1	0.7	-2.47
BYPW1301	3/13/2019 12:33	66.5	32	0.2	1.3	-11.14
BYPW1301	3/19/2019 14:09	64.1	30.8	0.8	4.3	-30.07
BYPW1301	4/9/2019 11:37	57.5	30.7	0	11.8	-31.53
BYPW1301	5/3/2019 11:19	57.7	40	0	2.3	-1.01
BYPW1301	6/5/2019 13:30	45.2	34.4	0.7	19.7	-13.16
BYPW1301	7/3/2019 14:08	61.2	38.3	0.3	0.2	-0.98
BYPW1301	8/2/2019 13:17	36.2	29.7	3.4	30.7	-6.38
BYPW1301	8/14/2019 12:52	57.9	39.8	0	2.3	-0.34
BYPW1301	9/6/2019 12:41	34	27.5	5.3	33.2	-11.66
BYPW1301	9/27/2019 13:52	61.4	35.9	0.1	2.6	9.25
BYPW1301	9/27/2019 13:54	60.6	36.7	0	2.7	-2.69
BYPW1301	10/1/2019 10:42	6.8	4.8	18.6	69.8	-34.15
BYPW1301	11/7/2019 11:21	74.3	30.3	0.3	0	14.74
BYPW1301	11/7/2019 11:22	74.8	30.5	0.2	0	-7.33
BYPW1301	12/20/2019 8:41	62.7	31.4	1.2	4.7	-40.21
	Count	18	18	18	18	18
	Max	74.8	40	18.6	69.8	14.74
	Min	6.8	4.8	0	0	-42.43
	Ave	53.3	31.16111	1.816667	14.3	-12.31333

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
1005	<NO VALU	<NO VALU	6	1	LOW	12.99	1.42	81.3
989	<NO VALU	<NO VALU	5	0	LOW	52.47	1.06	46.1
977	<NO VALU	<NO VALU	3	0	LOW	0.32	2.09	99.2
977	<NO VALU	<NO VALU	3	0	LOW	0.55	2.08	98.5
993	<NO VALU	<NO VALU	5	81	LOW	1.29	2.08	94.9
980	<NO VALU	<NO VALU	2	0	LOW	11.8	1.87	88.2
981	<NO VALU	<NO VALU	3	0	LOW	2.3	1.44	97.7
972	<NO VALU	<NO VALU	2	0	LOW	17.07	1.31	79.6
993	<NO VALU	<NO VALU	5	0	LOW	0	1.6	99.5
986	<NO VALU	<NO VALU	4	0	LOW	17.92	1.22	65.9
975	<NO VALU	<NO VALU	0	0	LOW	2.3	1.45	97.7
987	<NO VALU	<NO VALU	1	0	LOW	13.27	1.24	61.5
969	<NO VALU	<NO VALU	0	0	LOW	2.22	1.71	97.3
969	<NO VALU	<NO VALU	0	0	LOW	2.7	1.65	97.3
963	<NO VALU	<NO VALU	0	0	LOW	0	1.42	11.6
957	<NO VALU	<NO VALU	7	74	LOW	0	2.45	104.6
957	<NO VALU	<NO VALU	6	74	LOW	0	2.45	105.3
945	<NO VALU	<NO VALU	1	0	LOW	0.19	2	94.1
18	0	0	18	18	0	18	18	18
1005	0	0	7	81	0	52.47	2.45	105.3
945	0	0	0	0	0	0	1.06	11.6
976.3889	#DIV/0!	#DIV/0!	2.944444	12.77778	#DIV/0!	7.632778	1.696667	84.46111

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	5	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
5	1	2. Rebalan	<NO VALU	<NO VALU	300913.3	204915.8
1	5	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
5	5	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
5	7	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
5	5	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
5	5	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
5	5	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
5	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
10	5	2. Rebalan	<NO VALU	<NO VALU	300913.3	204915.8
5	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
5	0	2. Rebalan	<NO VALU	<NO VALU	300913.3	204915.8
0	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
10	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
10	0	2. Rebalan	<NO VALU	<NO VALU	300913.3	204915.8
0	5	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
5	5	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
5	5	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
18	18	0	0	0		
10	10	0	0	0		
0	0	0	0	0		
5.055556	5.444444	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW1302	1/4/2019 12:34	65.8	31.1	0.3	2.8	-38.4
BYPW1302	2/15/2019 13:47	67.3	33.1	0	0	-50.09
BYPW1302	3/13/2019 12:19	66.1	34	0	0	-38.76
BYPW1302	3/19/2019 14:19	68.9	33.6	0.1	0	-44.78
BYPW1302	4/9/2019 11:49	67.6	34.4	0	0	-61.51
BYPW1302	5/3/2019 11:28	64.2	33.5	0	2.3	-15.41
BYPW1302	6/5/2019 13:48	63.4	33.4	0	3.2	-34.7
BYPW1302	7/3/2019 14:24	68.2	32.1	0.3	0	-36.33
BYPW1302	8/2/2019 13:31	40.7	32	0	27.3	-43.45
BYPW1302	8/14/2019 12:59	62.2	34.8	0	3	-30.02
BYPW1302	9/6/2019 12:28	62.5	35	0	2.5	-32.68
BYPW1302	10/1/2019 10:53	60.3	35.5	0.1	4.1	-33.36
BYPW1302	11/7/2019 11:35	69.3	35.3	0.1	0	-35.72
BYPW1302	12/20/2019 8:54	65.6	35	0	0	-40.71
	Count	14	14	14	14	14
	Max	69.3	35.5	0.3	27.3	-15.41
	Min	40.7	31.1	0	0	-61.51
	Ave	63.72143	33.77143	0.064286	3.228571	-38.28

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
1005	<NO VALU	<NO VALU	3	0	LOW	1.67	2.12	96.9
988	<NO VALU	<NO VALU	5	0	LOW	0	2.03	100.4
977	<NO VALU	<NO VALU	3	0	LOW	0	1.94	100.1
993	<NO VALU	<NO VALU	6	110	LOW	0	2.05	102.5
980	<NO VALU	<NO VALU	2	0	LOW	0	1.97	102
981	<NO VALU	<NO VALU	3	0	LOW	2.3	1.92	97.7
971	<NO VALU	<NO VALU	2	0	LOW	3.2	1.9	96.8
991	<NO VALU	<NO VALU	5	0	LOW	0	2.12	100.3
987	<NO VALU	<NO VALU	4	0	LOW	27.3	1.27	72.7
975	<NO VALU	<NO VALU	0	0	LOW	3	1.79	97
986	<NO VALU	<NO VALU	0	0	LOW	2.5	1.79	97.5
963	<NO VALU	<NO VALU	0	0	LOW	3.72	1.7	95.8
958	<NO VALU	<NO VALU	9	120	LOW	0	1.96	104.6
944	<NO VALU	<NO VALU	1	0	LOW	0	1.87	100.6
14	0	0	14	14	0	14	14	14
1005	0	0	9	120	0	27.3	2.12	104.6
944	0	0	0	0	0	0	1.27	72.7
978.5	#DIV/0!	#DIV/0!	3.071429	16.42857	#DIV/0!	3.120714	1.887857	97.49286

Depart valv	Comment	X GPS	Y GPS	CH_4 + CO_2 (%)		
100	100	1. OK	<NO VALU	<NO VALU	300946.6	204881.9
100	100	1. OK	<NO VALU	<NO VALU	300946.6	204881.9
100	100	1. OK	<NO VALU	<NO VALU	300946.6	204881.9
100	100	1. OK	<NO VALU	<NO VALU	300946.6	204881.9
100	100	1. OK	<NO VALU	<NO VALU	300946.6	204881.9
100	100	1. OK	<NO VALU	<NO VALU	300946.6	204881.9
100	100	1. OK	<NO VALU	<NO VALU	300946.6	204881.9
100	100	1. OK	<NO VALU	<NO VALU	300946.6	204881.9
100	80	2. Rebalan	<NO VALU	<NO VALU	300946.6	204881.9
80	100	1. OK	<NO VALU	<NO VALU	300946.6	204881.9
100	100	1. OK	<NO VALU	<NO VALU	300946.6	204881.9
100	100	1. OK	<NO VALU	<NO VALU	300946.6	204881.9
100	100	1. OK	<NO VALU	<NO VALU	300946.6	204881.9
100	100	1. OK	<NO VALU	<NO VALU	300946.6	204881.9
14	14	0	0	0		
100	100	0	0	0		
80	80	0	0	0		
98.57143	98.57143	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW1303	1/15/2019 10:37	55.1	44.8	0.3	0	0.08
BYPW1303	1/15/2019 10:39	55.1	45.8	0	0	-21.08
BYPW1303	2/15/2019 13:58	42	33.7	0.1	24.2	-17.45
BYPW1303	3/13/2019 12:10	49.9	36.6	0	13.5	-9.22
BYPW1303	3/19/2019 14:29	46.9	35.5	0.1	17.5	-12.27
BYPW1303	4/9/2019 12:42	44.5	35.9	0	19.6	-14.76
BYPW1303	5/3/2019 10:35	52.7	37.9	0	9.4	-2.86
BYPW1303	6/5/2019 13:57	52	35.1	0	12.9	-11.29
BYPW1303	7/3/2019 14:33	41.4	33.6	0.1	24.9	-14.67
BYPW1303	8/2/2019 13:37	47.1	37.2	0	15.7	-7.67
BYPW1303	9/6/2019 12:20	52.6	39	0	8.4	-7.63
BYPW1303	10/1/2019 11:20	46.3	37.2	0.1	16.4	-11.39
BYPW1303	11/7/2019 11:46	47.3	37.5	0.2	15	-13.21
BYPW1303	12/20/2019 9:03	50.1	36.9	0.1	12.9	-11.74
	Count	14	14	14	14	14
	Max	55.1	45.8	0.3	24.9	0.08
	Min	41.4	33.6	0	0	-21.08
	Ave	48.78571	37.62143	0.071429	13.6	-11.08286

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
974	<NO VALU	<NO VALU	10	0	LOW	0	1.23	99.9
974	<NO VALU	<NO VALU	11	0	LOW	0	1.2	100.9
988	<NO VALU	<NO VALU	10	0	LOW	23.82	1.25	75.7
976	<NO VALU	<NO VALU	5	0	LOW	13.5	1.36	86.5
992	<NO VALU	<NO VALU	18	190	LOW	17.12	1.32	82.4
980	<NO VALU	<NO VALU	5	0	LOW	19.6	1.24	80.4
981	<NO VALU	<NO VALU	6	0	LOW	9.4	1.39	90.6
971	<NO VALU	<NO VALU	4	0	LOW	12.9	1.48	87.1
991	<NO VALU	<NO VALU	8	0	LOW	24.52	1.23	75
983	<NO VALU	<NO VALU	6	1	LOW	15.7	1.27	84.3
987	<NO VALU	<NO VALU	3	0	LOW	8.4	1.35	91.6
963	<NO VALU	<NO VALU	2	0	LOW	16.02	1.24	83.5
958	<NO VALU	<NO VALU	14	153	LOW	14.25	1.26	84.8
944	<NO VALU	<NO VALU	4	0	LOW	12.52	1.36	87
14	0	0	14	14	0	14	14	14
992	0	0	18	190	0	24.52	1.48	100.9
944	0	0	2	0	0	0	1.2	75
975.8571	#DIV/0!	#DIV/0!	7.571429	24.57143	#DIV/0!	13.41071	1.298571	86.40714

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	10	1. OK	<NO VALU	<NO VALU	300975.2	204943.7
10	10	1. OK	<NO VALU	<NO VALU	300975.2	204943.7
20	20	1. OK	<NO VALU	<NO VALU	300975.2	204943.7
20	20	1. OK	<NO VALU	<NO VALU	300975.2	204943.7
20	20	1. OK	<NO VALU	<NO VALU	300975.2	204943.7
20	20	1. OK	<NO VALU	<NO VALU	300975.2	204943.7
20	20	1. OK	<NO VALU	<NO VALU	300975.2	204943.7
20	20	1. OK	<NO VALU	<NO VALU	300975.2	204943.7
20	15	1. OK	<NO VALU	<NO VALU	300975.2	204943.7
15	15	1. OK	<NO VALU	<NO VALU	300975.2	204943.7
15	15	1. OK	<NO VALU	<NO VALU	300975.2	204943.7
15	15	1. OK	<NO VALU	<NO VALU	300975.2	204943.7
15	15	1. OK	<NO VALU	<NO VALU	300975.2	204943.7
15	15	1. OK	<NO VALU	<NO VALU	300975.2	204943.7
14	14	0	0	0		
20	20	0	0	0		
0	10	0	0	0		
16.07143	16.42857	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW1305	1/4/2019 13:44	44.8	35.4	0	19.8	-15.7
BYPW1305	1/23/2019 13:54	49.5	37.2	0.1	13.2	-12.99
BYPW1305	2/8/2019 14:15	49.1	38	0.3	12.6	-13.21
BYPW1305	3/13/2019 11:42	45.7	34.4	0	19.9	-16.67
BYPW1305	3/19/2019 14:02	44.9	34	0.2	20.9	-23.41
BYPW1305	4/9/2019 12:45	45.9	34.8	0	19.3	-13.98
BYPW1305	5/3/2019 11:04	52.3	37.6	0	10.1	-2.26
BYPW1305	6/5/2019 14:26	48.5	35.3	0	16.2	-19.23
BYPW1305	7/3/2019 14:42	47.6	34.7	0.2	17.5	-15.1
BYPW1305	8/2/2019 13:46	43.4	36	0	20.6	-17.74
BYPW1305	9/6/2019 11:58	51.1	37.6	0	11.3	-9.14
BYPW1305	10/1/2019 9:11	50	37.7	0.1	12.2	-13.89
BYPW1305	11/7/2019 12:07	53.4	37.7	0.1	8.8	-19.8
BYPW1305	12/20/2019 11:42	49.3	36	0	14.7	-23.7
	Count	14	14	14	14	14
	Max	53.4	38	0.3	20.9	-2.26
	Min	43.4	34	0	8.8	-23.7
	Ave	48.25	36.17143	0.071429	15.50714	-15.48714

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
1004	<NO VALU	<NO VALU	1	0	LOW	19.8	1.27	80.2
961	<NO VALU	<NO VALU	6	0	LOW	12.82	1.33	86.7
956	<NO VALU	<NO VALU	2	0	LOW	11.47	1.29	87.1
968	<NO VALU	<NO VALU	7	0	LOW	19.9	1.33	80.1
992	<NO VALU	<NO VALU	13	83	LOW	20.15	1.32	78.9
980	<NO VALU	<NO VALU	6	0	LOW	19.3	1.32	80.7
981	<NO VALU	<NO VALU	8	0	LOW	10.1	1.39	89.9
971	<NO VALU	<NO VALU	5	0	LOW	16.2	1.37	83.8
993	<NO VALU	<NO VALU	9	0	LOW	16.75	1.37	82.3
986	<NO VALU	<NO VALU	6	0	LOW	20.6	1.21	79.4
988	<NO VALU	<NO VALU	4	0	LOW	11.3	1.36	88.7
962	<NO VALU	<NO VALU	2	0	LOW	11.82	1.33	87.7
958	<NO VALU	<NO VALU	16	117	LOW	8.42	1.42	91.1
946	<NO VALU	<NO VALU	4	0	LOW	14.7	1.37	85.3
14	0	0	14	14	0	14	14	14
1004	0	0	16	117	0	20.6	1.42	91.1
946	0	0	1	0	0	8.42	1.21	78.9
974.7143	#DIV/0!	#DIV/0!	6.357143	14.28571	#DIV/0!	15.23786	1.334286	84.42143

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
14	14	0	0	0		
40	40	0	0	0		
40	40	0	0	0		
40	40	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
	Count	0	0	0	0	0
	Max	0	0	0	0	0
	Min	0	0	0	0	0
	Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)
0		0	0	0
0		0	0	0
0		0	0	0
#DIV/0!		#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW1309	1/4/2019 12:09	40.3	30.3	0	29.4	-36.28
BYPW1309	2/15/2019 13:27	38.4	29.7	0	31.9	-43.17
BYPW1309	3/13/2019 10:03	60.8	40.2	0	0	-8.77
BYPW1309	3/13/2019 10:04	61	40	0	0	-22.66
BYPW1309	4/9/2019 11:26	43.5	32.2	0	24.3	-47.28
BYPW1309	5/3/2019 11:46	51.2	35.7	0	13.1	-11.98
BYPW1309	6/5/2019 13:20	52	35.6	0	12.4	-22.3
BYPW1309	7/3/2019 13:54	46.2	32.2	0.3	21.3	-33.64
BYPW1309	8/2/2019 13:05	42.3	32.4	0	25.3	-30.67
BYPW1309	8/14/2019 12:41	58.2	38.5	0	3.3	-6.67
BYPW1309	9/13/2019 10:57	50.1	34.5	0.1	15.3	-34.14
BYPW1309	10/1/2019 10:24	46.2	34.1	0.1	19.6	-28.63
BYPW1309	11/7/2019 11:06	59	38.5	0.1	2.4	-30.17
BYPW1309	11/7/2019 11:07	59.1	38.6	0.1	2.2	-32.06
BYPW1309	12/20/2019 8:24	59.4	38.4	0	2.2	-36.67
BYPW1309	12/20/2019 8:26	59.1	38.7	0	2.2	-40.21
	Count	16	16	16	16	16
	Max	61	40.2	0.3	31.9	-6.67
	Min	38.4	29.7	0	0	-47.28
	Ave	51.675	35.6	0.04375	12.80625	-29.08125

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
1006	<NO VALU	<NO VALU	0	1	LOW	29.4	1.33	70.6
990	<NO VALU	<NO VALU	4	0	LOW	31.9	1.29	68.1
975	<NO VALU	<NO VALU	2	0	LOW	0	1.51	101
975	<NO VALU	<NO VALU	3	0	LOW	0	1.53	101
981	<NO VALU	<NO VALU	2	0	LOW	24.3	1.35	75.7
981	<NO VALU	<NO VALU	3	0	LOW	13.1	1.43	86.9
972	<NO VALU	<NO VALU	2	0	LOW	12.4	1.46	87.6
995	<NO VALU	<NO VALU	5	0	LOW	20.17	1.43	78.4
987	<NO VALU	<NO VALU	3	0	LOW	25.3	1.31	74.7
976	<NO VALU	<NO VALU	0	0	LOW	3.3	1.51	96.7
1003	<NO VALU	<NO VALU	2	0	LOW	14.92	1.45	84.6
964	<NO VALU	<NO VALU	0	0	LOW	19.22	1.35	80.3
960	<NO VALU	<NO VALU	8	31	LOW	2.02	1.53	97.5
960	<NO VALU	<NO VALU	9	31	LOW	1.82	1.53	97.7
945	<NO VALU	<NO VALU	1	0	LOW	2.2	1.55	97.8
945	<NO VALU	<NO VALU	1	0	LOW	2.2	1.53	97.8
16	0	0	16	16	0	16	16	16
1006	0	0	9	31	0	31.9	1.55	101
945	0	0	0	0	0	0	1.29	68.1
975.9375	#DIV/0!	#DIV/0!	2.8125	3.9375	#DIV/0!	12.64063	1.443125	87.275

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
40	30	2. Rebalan	<NO VALU	<NO VALU	300933.1	204825.7
30	20	2. Rebalan	<NO VALU	<NO VALU	300933.1	204825.7
20	30	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
30	30	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
5	5	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
5	5	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
10	10	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
10	10	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
10	10	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
10	10	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
10	10	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
10	10	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
10	20	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
20	20	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
20	30	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
30	30	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
16	16	0	0	0		
40	30	0	0	0		
5	5	0	0	0		
16.875	17.5	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW1310	1/11/2019 10:21	58.3	41.7	0.4	0	-53.19
BYPW1310	2/18/2019 9:00	57.9	42.8	0.1	0	-49.87
BYPW1310	3/18/2019 11:02	59.3	42.3	0.2	0	-29.45
BYPW1310	4/9/2019 12:30	57.6	41	0.5	0.9	-65.7
BYPW1310	5/10/2019 8:59	60	42.9	0	0	-16.43
BYPW1310	6/7/2019 9:22	58.6	41.6	0.1	0	-37.74
BYPW1310	7/9/2019 11:49	57.5	42.3	0.4	0	-19.77
BYPW1310	8/9/2019 9:53	54.1	42.3	0	3.6	-30.24
BYPW1310	9/13/2019 11:38	51.3	40.7	1	7	-38.75
BYPW1310	10/4/2019 13:36	53.8	43	0.3	2.9	-46.06
BYPW1310	11/14/2019 9:27	54.4	39.4	1.3	4.9	-40.83
BYPW1310	12/20/2019 9:35	57.1	43.4	0	0	-37.24
	Count	12	12	12	12	12
	Max	60	43.4	1.3	7	-16.43
	Min	51.3	39.4	0	0	-65.7
	Ave	56.65833	41.95	0.358333	1.608333	-38.7725

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
998	<NO VALU	<NO VALU	5	0	LOW	0	1.4	100
979	<NO VALU	<NO VALU	15	0	LOW	0	1.35	100.7
986	<NO VALU	<NO VALU	4	0	LOW	0	1.4	101.6
981	<NO VALU	<NO VALU	7	0	LOW	0	1.4	98.6
975	<NO VALU	<NO VALU	11	0	LOW	0	1.4	102.9
969	<NO VALU	<NO VALU	5	0	LOW	0	1.41	100.2
989	<NO VALU	<NO VALU	15	115	LOW	0	1.36	99.8
965	<NO VALU	<NO VALU	8	5	LOW	3.6	1.28	96.4
1002	<NO VALU	<NO VALU	6	0	LOW	3.24	1.26	92
972	<NO VALU	<NO VALU	3	0	LOW	1.77	1.25	96.8
961	<NO VALU	<NO VALU	3	0	LOW	0.01	1.38	93.8
946	<NO VALU	<NO VALU	5	0	LOW	0	1.32	100.5
12	0	0	12	12	0	12	12	12
1002	0	0	15	115	0	3.6	1.41	102.9
946	0	0	3	0	0	0	1.25	92
976.9167	#DIV/0!	#DIV/0!	7.25	10	#DIV/0!	0.718333	1.350833	98.60833

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100	100	1. OK	<NO VALU	<NO VALU	301062.2	204913.8
100	100	1. OK	<NO VALU	<NO VALU	301062.2	204913.8
100	100	1. OK	<NO VALU	<NO VALU	301062.2	204913.8
100	100	1. OK	<NO VALU	<NO VALU	301062.2	204913.8
100	100	1. OK	<NO VALU	<NO VALU	301062.2	204913.8
100	100	1. OK	<NO VALU	<NO VALU	301062.2	204913.8
100	100	1. OK	<NO VALU	<NO VALU	301062.2	204913.8
100	100	1. OK	<NO VALU	<NO VALU	301062.2	204913.8
100	100	1. OK	<NO VALU	<NO VALU	301062.2	204913.8
100	100	1. OK	<NO VALU	<NO VALU	301062.2	204913.8
100	100	1. OK	<NO VALU	<NO VALU	301062.2	204913.8
100	100	1. OK	<NO VALU	<NO VALU	301062.2	204913.8
12	12	0	0	0		
100	100	0	0	0		
100	100	0	0	0		
100	100	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW1501	1/11/2019 9:38	51.5	28.8	1.9	17.8	31.7
BYPW1501	1/11/2019 9:39	51.3	29.1	1.6	18	-18.1
BYPW1501	2/18/2019 9:10	70.3	29.8	0.2	0	-50.57
BYPW1501	3/18/2019 10:30	40.9	23.8	6.2	29.1	-30.62
BYPW1501	4/11/2019 14:14	58.6	28	1.2	12.2	38.64
BYPW1501	4/11/2019 14:15	58.5	28.4	1	12.1	-54.32
BYPW1501	5/10/2019 9:02	33	20.3	8.7	38	68.72
BYPW1501	6/21/2019 9:08	59.9	25.2	1.1	13.8	19.08
BYPW1501	6/21/2019 9:09	59.1	28.4	0.7	11.8	-30.79
BYPW1501	7/9/2019 12:45	14.9	9.5	15.2	60.4	-19.92
BYPW1501	8/9/2019 10:05	48.8	26.7	2.6	21.9	83.07
BYPW1501	9/13/2019 11:48	44.8	32.1	3	20.1	-38.03
BYPW1501	10/11/2019 11:04	53.9	32.9	1.1	12.1	-37.15
BYPW1501	10/25/2019 12:04	53.9	33.6	1	11.5	-39.3
BYPW1501	11/14/2019 13:23	0.6	3.2	20.3	75.9	-41.42
BYPW1501	12/20/2019 13:37	23.4	18.7	12.2	45.7	0.11
	Count	16	16	16	16	16
	Max	70.3	33.6	20.3	75.9	83.07
	Min	0.6	3.2	0.2	0	-54.32
	Ave	45.2125	24.90625	4.875	25.025	-7.43125

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
999	<NO VALU	<NO VALU	3	0	LOW	10.66	1.79	80.3
999	<NO VALU	<NO VALU	1	0	LOW	11.98	1.76	80.4
980	<NO VALU	<NO VALU	5	1	LOW	0	2.36	100.1
989	<NO VALU	<NO VALU	4	0	LOW	5.79	1.72	64.7
994	<NO VALU	<NO VALU	7	0	LOW	7.69	2.09	86.6
994	<NO VALU	<NO VALU	7	0	LOW	8.34	2.06	86.9
976	<NO VALU	<NO VALU	7	0	LOW	5.29	1.63	53.3
984	<NO VALU	<NO VALU	3	1	LOW	9.66	2.38	85.1
984	<NO VALU	<NO VALU	4	1	LOW	9.17	2.08	87.5
987	<NO VALU	<NO VALU	7	7	LOW	3.25	1.57	24.4
963	<NO VALU	<NO VALU	8	1	LOW	12.12	1.83	75.5
1001	<NO VALU	<NO VALU	6	0	LOW	8.82	1.4	76.9
971	<NO VALU	<NO VALU	4	0	LOW	7.96	1.64	86.8
973	<NO VALU	<NO VALU	3	0	LOW	7.74	1.6	87.5
961	<NO VALU	<NO VALU	1	2	LOW	0	0.19	3.8
947	<NO VALU	<NO VALU	2	0	LOW	0	1.25	42.1
16	0	0	16	16	0	16	16	16
1001	0	0	8	7	0	12.12	2.38	100.1
947	0	0	1	0	0	0	0.19	3.8
981.375	#DIV/0!	#DIV/0!	4.5	0.8125	#DIV/0!	6.779375	1.709375	70.11875

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	1	1. OK	<NO VALU	<NO VALU	301096.4	204851.7
1	1	1. OK	<NO VALU	<NO VALU	301096.4	204851.7
1	5	1. OK	<NO VALU	<NO VALU	301096.4	204851.7
5	0	2. Rebalan	<NO VALU	<NO VALU	301096.4	204851.7
0	5	1. OK	<NO VALU	<NO VALU	301096.4	204851.7
5	5	1. OK	<NO VALU	<NO VALU	301096.4	204851.7
0	0	2. Rebalan	<NO VALU	<NO VALU	301096.4	204851.7
0	5	1. OK	<NO VALU	<NO VALU	301096.4	204851.7
5	5	1. OK	<NO VALU	<NO VALU	301096.4	204851.7
5	0	2. Rebalan	<NO VALU	<NO VALU	301096.4	204851.7
0	5	1. OK	<NO VALU	<NO VALU	301096.4	204851.7
5	3	1. OK	<NO VALU	<NO VALU	301096.4	204851.7
3	3	1. OK	<NO VALU	<NO VALU	301096.4	204851.7
3	3	1. OK	<NO VALU	<NO VALU	301096.4	204851.7
5	0	2. Rebalan	<NO VALU	<NO VALU	301096.4	204851.7
0	0	2. Rebalan	<NO VALU	<NO VALU	301096.4	204851.7
16	16	0	0	0		
5	5	0	0	0		
0	0	0	0	0		
2.375	2.5625	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW1502	1/11/2019 9:42	58.1	42	0.3	0	-51.27
BYPW1502	2/18/2019 9:12	58.6	43.1	0.1	0	-50.09
BYPW1502	3/18/2019 10:33	59.2	42.1	0.1	0	-31.03
BYPW1502	4/11/2019 14:12	55.1	40.3	0.7	3.9	-54.7
BYPW1502	5/10/2019 9:04	59.8	43.2	0	0	-17.55
BYPW1502	6/21/2019 9:12	56.6	41.2	0.5	1.7	-30.18
BYPW1502	7/9/2019 12:47	57.2	41.7	0.6	0.5	-20.08
BYPW1502	8/9/2019 10:08	54.4	42.3	0	3.3	-31.17
BYPW1502	9/13/2019 11:50	53.8	41	0.5	4.7	-38.37
BYPW1502	10/11/2019 11:07	57.8	43.2	0.1	0	-36.69
BYPW1502	10/25/2019 12:06	55.1	42.7	0.2	2	-39.26
BYPW1502	11/14/2019 13:25	59.9	38.1	0.2	1.8	-41.6
BYPW1502	12/20/2019 13:40	57.2	42.8	0	0	-42.66
	Count	13	13	13	13	13
	Max	59.9	43.2	0.7	4.7	-17.55
	Min	53.8	38.1	0	0	-54.7
	Ave	57.13846	41.82308	0.253846	1.376923	-37.28077

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
999	<NO VALU	<NO VALU	5	0	LOW	0	1.38	100.1
980	<NO VALU	<NO VALU	12	27	LOW	0	1.36	101.7
989	<NO VALU	<NO VALU	3	0	LOW	0	1.41	101.3
994	<NO VALU	<NO VALU	10	1	LOW	1.27	1.37	95.4
976	<NO VALU	<NO VALU	10	12	LOW	0	1.38	103
987	<NO VALU	<NO VALU	3	1	LOW	0	1.37	97.8
991	<NO VALU	<NO VALU	8	471	LOW	0	1.37	98.9
967	<NO VALU	<NO VALU	7	73	LOW	3.3	1.29	96.7
1005	<NO VALU	<NO VALU	6	19	LOW	2.82	1.31	94.8
973	<NO VALU	<NO VALU	5	9	LOW	0	1.34	101
977	<NO VALU	<NO VALU	3	3	LOW	1.25	1.29	97.8
965	<NO VALU	<NO VALU	4	16	LOW	1.05	1.57	98
949	<NO VALU	<NO VALU	4	1	LOW	0	1.34	100
13	0	0	13	13	0	13	13	13
1005	0	0	12	471	0	3.3	1.57	103
949	0	0	3	0	0	0	1.29	94.8
980.9231	#DIV/0!	#DIV/0!	6.153846	48.69231	#DIV/0!	0.745385	1.367692	98.96154

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100	100	1. OK	<NO VALU	<NO VALU	301093.6	204821.3
100	100	1. OK	<NO VALU	<NO VALU	301093.6	204821.3
100	100	1. OK	<NO VALU	<NO VALU	301093.6	204821.3
100	100	1. OK	<NO VALU	<NO VALU	301093.6	204821.3
100	100	1. OK	<NO VALU	<NO VALU	301093.6	204821.3
100	100	1. OK	<NO VALU	<NO VALU	301093.6	204821.3
100	100	1. OK	<NO VALU	<NO VALU	301093.6	204821.3
100	100	1. OK	<NO VALU	<NO VALU	301093.6	204821.3
100	100	1. OK	<NO VALU	<NO VALU	301093.6	204821.3
100	100	1. OK	<NO VALU	<NO VALU	301093.6	204821.3
100	100	1. OK	<NO VALU	<NO VALU	301093.6	204821.3
100	100	1. OK	<NO VALU	<NO VALU	301093.6	204821.3
100	100	1. OK	<NO VALU	<NO VALU	301093.6	204821.3
13	13	0	0	0		
100	100	0	0	0		
100	100	0	0	0		
100	100	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW1503	1/11/2019 9:44	46.2	35	0.4	18.4	-51.07
BYPW1503	2/18/2019 9:15	52.2	38.4	0.1	9.3	-49.23
BYPW1503	3/18/2019 10:36	53.3	37.8	0.1	8.8	-30.26
BYPW1503	4/11/2019 14:09	46.3	35.6	0	18.1	-54.86
BYPW1503	5/10/2019 9:07	60.1	39.9	0	0	-17.38
BYPW1503	6/21/2019 9:15	52.4	37.2	0.1	10.3	-30.3
BYPW1503	7/9/2019 12:50	54.9	38.4	0.2	6.5	-19.87
BYPW1503	8/9/2019 10:10	50.6	38.5	0	10.9	-30.72
BYPW1503	9/13/2019 11:54	49.3	37.4	0	13.3	-38.13
BYPW1503	10/11/2019 11:09	57.2	40.2	0.1	2.5	-36.55
BYPW1503	11/14/2019 13:27	58.4	37	0.1	4.5	-41.35
BYPW1503	12/20/2019 13:42	57.5	39.6	0	2.9	-42.03
	Count	12	12	12	12	12
	Max	60.1	40.2	0.4	18.4	-17.38
	Min	46.2	35	0	0	-54.86
	Ave	53.2	37.91667	0.091667	8.791667	-36.8125

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
999	<NO VALU	<NO VALU	1	0	LOW	16.9	1.32	81.2
980	<NO VALU	<NO VALU	9	2	LOW	8.92	1.36	90.6
989	<NO VALU	<NO VALU	2	0	LOW	8.42	1.41	91.1
994	<NO VALU	<NO VALU	5	0	LOW	18.1	1.3	81.9
977	<NO VALU	<NO VALU	7	8	LOW	0	1.51	100
987	<NO VALU	<NO VALU	2	10	LOW	9.92	1.41	89.6
991	<NO VALU	<NO VALU	8	246	LOW	5.75	1.43	93.3
967	<NO VALU	<NO VALU	5	43	LOW	10.9	1.31	89.1
1005	<NO VALU	<NO VALU	4	9	LOW	13.3	1.32	86.7
973	<NO VALU	<NO VALU	4	1	LOW	2.12	1.42	97.4
965	<NO VALU	<NO VALU	2	2	LOW	4.12	1.58	95.4
949	<NO VALU	<NO VALU	3	1	LOW	2.9	1.45	97.1
12	0	0	12	12	0	12	12	12
1005	0	0	9	246	0	18.1	1.58	100
949	0	0	1	0	0	0	1.3	81.2
981.3333	#DIV/0!	#DIV/0!	4.333333	26.83333	#DIV/0!	8.445833	1.401667	91.11667

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100	100	1. OK	<NO VALU	<NO VALU	301101	204783
100	100	1. OK	<NO VALU	<NO VALU	301101	204783
100	100	1. OK	<NO VALU	<NO VALU	301101	204783
100	100	1. OK	<NO VALU	<NO VALU	301101	204783
100	100	1. OK	<NO VALU	<NO VALU	301101	204783
100	100	1. OK	<NO VALU	<NO VALU	301101	204783
100	100	1. OK	<NO VALU	<NO VALU	301101	204783
100	100	1. OK	<NO VALU	<NO VALU	301101	204783
100	100	1. OK	<NO VALU	<NO VALU	301101	204783
100	100	1. OK	<NO VALU	<NO VALU	301101	204783
100	100	1. OK	<NO VALU	<NO VALU	301101	204783
100	100	1. OK	<NO VALU	<NO VALU	301101	204783
12	12	0	0	0		
100	100	0	0	0		
100	100	0	0	0		
100	100	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
BYPW1504	1/11/2019 9:46	33.6	32.1	0.5	33.8	-45.67
BYPW1504	2/18/2019 9:18	59	42.9	0	0	-1.65
BYPW1504	2/18/2019 9:19	59.5	43.2	0	0	-39.62
BYPW1504	3/18/2019 10:39	32.5	31	0.1	36.4	-17.88
BYPW1504	4/11/2019 14:05	45.2	36.5	0	18.3	-5.11
BYPW1504	5/10/2019 9:11	46.2	36.5	0	17.3	-6.29
BYPW1504	6/21/2019 9:17	58.1	41.4	0.1	0.4	-16.06
BYPW1504	7/9/2019 12:53	37.3	32.7	0.2	29.8	-13.98
BYPW1504	8/9/2019 10:12	54.3	42.5	0	3.2	-10.96
BYPW1504	9/13/2019 11:56	56.3	40.7	0.1	2.9	-24.94
BYPW1504	9/13/2019 11:57	55.9	41.2	0	2.9	-36.21
BYPW1504	10/11/2019 11:11	57.6	43.7	0.1	0	-36.3
BYPW1504	10/25/2019 12:11	54.8	43.7	0.1	1.4	-39.25
BYPW1504	11/14/2019 13:29	57.5	40.2	0.2	2.1	-41.66
BYPW1504	12/20/2019 13:46	48.2	37.9	2.7	11.2	-42.58
	Count	15	15	15	15	15
	Max	59.5	43.7	2.7	36.4	-1.65
	Min	32.5	31	0	0	-45.67
	Ave	50.4	39.08	0.273333	10.64667	-25.21067

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
1000	<NO VALU	<NO VALU	4	0	LOW	31.92	1.05	65.7
981	<NO VALU	<NO VALU	13	27	LOW	0	1.38	101.9
981	<NO VALU	<NO VALU	14	33	LOW	0	1.38	102.7
989	<NO VALU	<NO VALU	2	0	LOW	36.02	1.05	63.5
994	<NO VALU	<NO VALU	6	1	LOW	18.3	1.24	81.7
977	<NO VALU	<NO VALU	7	0	LOW	17.3	1.27	82.7
988	<NO VALU	<NO VALU	3	1	LOW	0.02	1.4	99.5
991	<NO VALU	<NO VALU	7	114	LOW	29.05	1.14	70
967	<NO VALU	<NO VALU	8	39	LOW	3.2	1.28	96.8
1005	<NO VALU	<NO VALU	5	4	LOW	2.52	1.38	97
1005	<NO VALU	<NO VALU	5	6	LOW	2.9	1.36	97.1
973	<NO VALU	<NO VALU	6	18	LOW	0	1.32	101.3
976	<NO VALU	<NO VALU	4	4	LOW	1.02	1.25	98.5
966	<NO VALU	<NO VALU	4	17	LOW	1.35	1.43	97.7
949	<NO VALU	<NO VALU	3	0	LOW	1.05	1.27	86.1
15	0	0	15	15	0	15	15	15
1005	0	0	14	114	0	36.02	1.43	102.7
949	0	0	2	0	0	0	1.05	63.5
982.8	#DIV/0!	#DIV/0!	6.066667	17.6	#DIV/0!	9.643333	1.28	89.48

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
30	10	2. Rebalan	<NO VALU	<NO VALU	301071.4	204780.5
10	30	1. OK	<NO VALU	<NO VALU	301071.4	204780.5
30	30	1. OK	<NO VALU	<NO VALU	301071.4	204780.5
30	20	2. Rebalan	<NO VALU	<NO VALU	301071.4	204780.5
20	20	1. OK	<NO VALU	<NO VALU	301071.4	204780.5
30	30	1. OK	<NO VALU	<NO VALU	301071.4	204780.5
30	30	1. OK	<NO VALU	<NO VALU	301071.4	204780.5
30	10	2. Rebalan	<NO VALU	<NO VALU	301071.4	204780.5
10	20	1. OK	<NO VALU	<NO VALU	301071.4	204780.5
20	30	1. OK	<NO VALU	<NO VALU	301071.4	204780.5
30	30	1. OK	<NO VALU	<NO VALU	301071.4	204780.5
30	50	1. OK	<NO VALU	<NO VALU	301071.4	204780.5
50	70	1. OK	<NO VALU	<NO VALU	301071.4	204780.5
50	50	1. OK	<NO VALU	<NO VALU	301071.4	204780.5
50	40	1. OK	<NO VALU	<NO VALU	301071.4	204780.5
15	15	0	0	0		
50	70	0	0	0		
10	10	0	0	0		
30	31.33333	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Ga	Vacuum (m
	Count	0	0	0	0	0
	Max	0	0	0	0	0
	Min	0	0	0	0	0
	Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Atm Pressu	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!