



**REVIEW OF LANDFILL GAS MONITORING AT THE
BRYN PICA LANDFILL SITE DURING THE PERIOD
JAN 17 – DEC 17**

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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 17 – Dec 17.

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 2015, 2016 and 2017.
4.1	Statistical summary of Sub Surface Landfill Gas monitoring carried out at the Bryn Pica Landfill during the period Jan 17 – Dec 17.

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 2017.

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 CO ₂ – Upper <2.8% v/v	EA Guidance Doc LFTGN03 recommends a trigger level for CO ₂ of 1.5 % above background levels. Background CO ₂ 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. AC2018/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 undergone 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 to 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 is 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.

Environmental Management Systems

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 17 – Dec 17.

3.1 Raw 'In-Waste' Landfill Gas Monitoring

Throughout 2017 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 (CH₄), carbon dioxide (CO₂), oxygen (O₂) 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 (CH ₄)			Carbon Dioxide (CO ₂)			Oxygen (O ₂)			Relative Pressure		
			Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
BYPWM101	Phase 1	16	79.8	33.9	56.6	26.4	20.7	23.4	0.1	0.0	0.0	0.3	-4.7	-1.4
BYPWM102	Phase 1	14	54.2	43.0	49.8	28.9	25.2	27.3	0.4	0.0	0.1	0.0	-4.1	-1.1
BYPWM103	Phase 1	13	44.4	23.8	34.4	21.3	17.5	19.3	0.1	0.0	0.0	0.6	-3.1	-0.5
BYPWM104	Phase 1	17	58.0	10.5	44.8	26.3	19.7	24.3	0.2	0.0	0.1	0.4	-12.2	-2.3
BYPWM105	Phase 1	14	67.9	38.1	51.5	33.9	26.5	29.6	0.2	0.0	0.1	-0.3	-9.9	-4.5
BYPWM107	Phase 1	18	75.8	32.9	60.1	23.4	21.8	22.6	0.2	0.0	0.1	1.3	-2.1	-0.5
BYPWM108	Phase 1	15	58.6	20.8	44.0	28.3	21.9	26.0	0.5	0.0	0.1	0.3	-2.2	-0.6
BYPWM109	Phase 1	12	69.2	42.1	53.3	31.7	25.2	27.1	0.2	0.0	0.0	-1.2	-10.0	-4.9
BYPWM111	Phase 1	15	54.7	23.6	37.4	25.1	21.0	23.3	0.2	0.0	0.1	1.6	-5.3	-0.7
BYPWM201	Phase 1	20	69.6	25.6	54.5	29.3	12.6	25.8	11.0	0.0	1.3	1.2	-1.3	-0.5
BYPWM202	Phase 1	20	65.9	16.3	49.2	21.7	19.5	20.6	0.3	0.0	0.1	0.8	-1.1	-0.4
BYPWM203	Phase 1	15	52.1	33.3	45.6	32.8	23.5	26.9	0.3	0.0	0.1	0.0	-3.8	-1.3
BYPWM204	Phase 1	13	50.9	24.9	41.4	27.6	21.9	25.8	1.5	0.0	0.3	0.1	-5.4	-2.0
BYPWM206	Phase 1	13	35.9	0.9	12.2	16.4	0.5	6.4	20.6	4.4	14.0	0.9	-0.4	0.0
BYPWM207	Phase 1	17	58.4	30.9	45.9	24.9	14.2	21.5	7.0	0.1	1.3	21.6	-27.5	-6.9
BYPWM208	Phase 1	15	55.7	35.9	47.2	26.7	21.2	24.1	1.0	0.0	0.4	-2.8	-37.4	-19.0
BYPWM210	Phase 1	15	70.4	40.3	54.0	18.5	16.8	17.5	0.9	0.0	0.1	0.0	-2.1	-1.1
BYPWM211	Phase 1	16	51.0	3.1	32.7	23.5	2.5	17.3	17.9	0.0	4.4	0.2	-2.4	-0.5
BYPWM212	Phase 1	16	65.0	42.8	54.4	31.5	25.9	28.7	0.2	0.0	0.0	-0.6	-3.5	-1.9
BYPW0002	Phase 1	20	73.6	37.0	60.3	28.8	24.2	26.3	0.2	0.0	0.0	0.1	-8.8	-2.2

Table 3.1: Annual average values for: methane (%CH₄ by Vol), carbon dioxide (%CO₂ by Vol), oxygen (%O₂ by Vol) and relative pressure (mbar) for in-waste monitoring carried out on Phase 1 of the Bryn Pica Landfill Site, during Jan 17 – Dec 17.

Asset ID	Location	Count	Methane (CH ₄)			Carbon Dioxide (CO ₂)			Oxygen (O ₂)			Relative Pressure		
			Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
BYPW0003	Phase 2	13	64.6	40.4	50.8	31.3	26.6	28.2	0.8	0.0	0.1	-0.1	-8.5	-3.2
BYPW0004	Phase 2	16	62.2	29.7	49.1	39.7	27.6	34.0	0.5	0.0	0.0	0.5	-36.1	-26.7
BYPW0005	Phase 2	16	58.4	34.4	48.9	42.4	30.1	38.2	3.0	0.0	0.4	-0.4	-11.1	-5.1
BYPW0006	Phase 2	13	56.6	41.9	47.9	39.0	33.7	35.8	0.3	0.0	0.0	-2.1	-7.0	-4.6
BYPW0007	Phase 2	16	57.5	36.3	48.0	44.2	30.0	37.3	4.5	0.1	1.5	0.1	-17.5	-8.6
BYPW0008	Phase 2	17	56.6	26.8	42.6	37.8	24.0	30.6	1.4	0.0	0.1	0.1	-6.5	-3.0
BYPW0009	Phase 2	12	58.6	43.7	51.1	39.6	35.8	37.8	0.2	0.0	0.0	-2.9	-8.6	-5.4
BYPW0011	Phase 2	12	55.1	42.8	49.3	40.0	35.2	37.6	0.3	0.0	0.1	-4.1	-8.9	-6.1
BYPW0501	Phase 2	16	63.8	36.3	52.1	29.8	25.1	28.1	0.2	0.0	0.0	0.3	-3.0	-1.0
BYPW0502	Phase 2	13	45.9	4.2	35.4	25.7	3.9	19.7	18.2	0.3	4.6	0.6	-11.3	-2.2
BYPW0503	Phase 2	16	61.4	3.6	50.0	28.2	1.7	24.4	19.6	0.0	1.3	1.6	-14.7	-3.3
BYPW0504	Phase 2	21	63.1	32.3	48.6	32.9	23.3	27.6	0.7	0.0	0.1	0.2	-3.1	-1.2
BYPW0505	Phase 2	20	57.9	34.6	44.4	31.9	25.0	27.9	0.2	0.0	0.1	0.6	-2.8	-0.8
BYPW0515	Phase 2	15	59.0	11.0	43.8	44.8	21.6	37.5	1.7	0.0	0.3	0.3	-1.2	-0.4
BYPW0516	Phase 2	14	61.2	28.9	49.7	42.5	30.3	36.8	0.2	0.0	0.1	-1.0	-19.1	-8.6
BYPW0601	Phase 2	16	59.7	47.0	54.1	40.9	33.0	38.4	0.1	0.0	0.0	-2.9	-22.1	-10.3
BYPW0602	Phase 2	16	71.3	0.0	53.1	35.2	0.1	28.5	20.7	0.0	2.5	-0.4	-45.0	-23.8
BYPW0605	Phase 2	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
BYPW0606	Phase 2	15	57.4	32.5	48.3	42.5	30.7	37.2	1.4	0.0	0.3	0.3	-3.1	-0.9
BYPW0607	Phase 2	14	60.0	33.1	48.4	40.1	29.6	35.2	0.7	0.0	0.1	-0.1	-4.0	-1.4
BYPW0608	Phase 2	15	60.4	31.6	49.5	42.8	29.8	37.1	0.6	0.0	0.1	0.0	-3.0	-1.0
BYPW1203	Phase 2	15	59.2	22.5	39.2	27.3	21.4	24.4	0.1	0.0	0.0	0.2	-3.9	-0.9
BYPW1204	Phase 2	18	70.9	25.8	55.5	30.4	23.8	28.1	1.7	0.0	0.3	-0.2	-6.2	-2.0
BYPW1307	Phase 2	14	58.9	39.0	48.6	41.8	35.0	37.9	0.2	0.0	0.0	-4.0	-23.8	-13.5
BYPW1308	Phase 2	14	56.3	47.0	51.9	40.4	37.0	38.5	0.2	0.0	0.1	-9.7	-28.7	-21.5

Table 3.2: Annual average values for: methane (%CH₄ by Vol), carbon dioxide (%CO₂ by Vol), oxygen (%O₂ by Vol) and relative pressure (mbar) for in-waste monitoring carried out on Phase 2 of the Bryn Pica Landfill Site, during Jan 17 – Dec 17.

Asset ID	Location	Count	Methane (CH ₄)			Carbon Dioxide (CO ₂)			Oxygen (O ₂)			Relative Pressure		
			Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
BYPW0702	Phase 3	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
BYPW0703	Phase 3	13	59.1	40.9	48.8	36.8	30.3	32.7	0.1	0.0	0.0	-2.4	-9.0	-5.5
BYPW0704	Phase 3	12	59.6	56.7	58.5	44.5	40.9	43.1	0.5	0.0	0.2	-24.5	-51.2	-34.3
BYPW0705	Phase 3	15	60.6	42.3	50.8	42.0	33.8	37.5	0.2	0.0	0.1	-2.3	-19.8	-12.0
BYPW0706	Phase 3	12	71.3	66.7	68.5	35.3	29.5	32.5	0.5	0.0	0.2	-24.9	-49.3	-33.4
BYPW0707	Phase 3	12	62.2	59.7	61.0	42.3	39.4	41.1	0.1	0.0	0.1	-23.8	-49.5	-33.7
BYPW0904	Phase 3	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
BYPW1001	Phase 3	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
BYPW1002	Phase 3	15	57.1	24.2	47.0	42.1	27.9	36.0	0.5	0.0	0.1	0.0	-2.5	-1.1
BYPW1003	Phase 3	16	58.5	29.8	47.9	36.3	28.4	33.7	0.2	0.0	0.1	-0.6	-9.4	-3.9
BYPW1004	Phase 3	18	58.0	36.6	51.2	40.1	31.6	37.5	0.2	0.0	0.1	-1.7	-11.8	-6.2
BYPW1005	Phase 3	12	62.1	58.2	59.9	43.6	42.0	42.9	0.4	0.0	0.1	-20.1	-48.0	-31.7
BYPW1006	Phase 3	14	59.2	36.5	50.6	37.0	33.3	35.4	0.2	0.0	0.1	-8.1	-44.2	-28.4
BYPW1101	Phase 3	16	72.2	29.4	55.9	35.7	19.7	30.1	7.6	0.0	1.2	0.2	-9.6	-2.3
BYPW1102	Phase 3	14	58.8	41.1	54.2	40.8	33.9	39.0	0.2	0.0	0.1	-21.4	-47.2	-32.6
BYPW1103	Phase 3	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
BYPWM101	Phase 3	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
BYPZ0001	Phase 3	16	79.8	33.9	56.6	26.4	20.7	23.4	0.1	0.0	0.0	0.3	-4.7	-1.4
BYPW1201	Phase 3	12	58.1	55.6	57.1	46.6	45.0	46.1	0.1	0.0	0.0	-24.9	-48.2	-33.8
BYPW1202	Phase 3	18	57.9	39.1	49.6	43.2	35.1	39.6	0.2	0.0	0.1	-2.1	-14.2	-7.6
BYPW1301	Phase 3	17	61.4	54.5	58.4	42.7	40.6	41.6	0.1	0.0	0.0	-22.0	-48.2	-32.5
BYPW1302	Phase 3	13	59.3	24.2	49.9	41.0	14.5	35.7	12.5	0.0	1.3	2.0	-18.3	-8.3
BYPW1309	Phase 3	17	65.3	39.2	56.9	42.4	29.8	35.6	0.2	0.0	0.1	-10.0	-41.8	-27.9

Table 3.3: Annual average values for: methane (%CH₄ by Vol), carbon dioxide (%CO₂ by Vol), oxygen (%O₂ by Vol) and relative pressure (mbar) for in-waste monitoring carried out on Phase 3 of the Bryn Pica Landfill Site, during Jan 17 – Dec 17.

Asset ID	Location	Count	Methane (CH ₄)			Carbon Dioxide (CO ₂)			Oxygen (O ₂)			Relative Pressure		
			Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
BYPW1205	Phase 4	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
BYPW1206	Phase 4	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
BYPW1207	Phase 4	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
BYPW1303	Phase 4	20	60.8	42.1	52.2	42.7	33.7	38.5	1.6	0.0	0.6	-2.1	-32.4	-9.7
BYPW1305	Phase 4	21	59.9	37.0	51.4	41.6	32.5	36.9	0.5	0.0	0.1	-3.0	-26.3	-12.1
BYPW1306	Phase 4	15	61.3	41.9	51.5	43.6	34.9	38.5	0.1	0.0	0.0	-6.1	-23.7	-12.8
BYPW1310	Phase 4	12	62.4	57.6	60.0	43.8	41.3	42.7	0.7	0.0	0.1	-25.8	-48.9	-34.3
BYPW1501	Phase 4	12	68.3	0.1	41.5	30.6	0.3	20.3	20.9	0.2	7.2	4.0	-47.3	-16.5
BYPW1502	Phase 4	12	61.6	56.3	59.2	43.4	40.5	42.1	1.0	0.0	0.3	-29.3	-54.4	-40.2
BYPW1503	Phase 4	12	60.0	47.8	57.0	41.2	37.4	40.0	0.2	0.0	0.1	-29.2	-53.6	-39.5
BYPW1504	Phase 4	14	56.6	41.4	50.9	40.4	33.8	38.3	0.2	0.0	0.1	-28.7	-53.7	-39.5
BYPW1505	Phase 4	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R

Table 3.4: Annual average values for: methane (%CH₄ by Vol), carbon dioxide (%CO₂ by Vol), oxygen (%O₂ by Vol) and relative pressure (mbar) for in-waste monitoring carried out on Phase 4 of the Bryn Pica Landfill Site, during Jan 17 – Dec 17.

Discussion

Raw landfill gas monitoring results, taken from within the landfill waste, during the period Jan 17 – Dec 17, 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 16 and 25 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 11 and 16 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 25 located within the Phase 2 landfill area) illustrated average CH_4 concentration of less than 40.0% 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. 92%).

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 6 and 10 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, 2 installations (BYPW1101 and BYPW1302) illustrate average Oxygen concentrations above 1.0% O_2 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 45% - 60 % by Vol is recorded as being 18 (i.e. 100 % of those monitored throughout 2017). 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 12 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 55% - 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 2015, 2016 and 2017.

Table 3.5: Comparison of gas monitoring results recorded at the Bryn Pica landfill gas compound in 2015, 2016 and 2017.

		Flare 2015	Flare 2016	Flare 2017
Methane (%CH ₄)	Ave	50.4	48.9	47.4
	Max	55.5	55.1	53.6
	Min	43.5	39.7	33.3
Carbon Dioxide (%CO ₂)	Ave	36.6	35.5	35.4
	Max	41.5	38.8	39.5
	Min	33.2	30.8	26.2
Oxygen (%O ₂)	Ave	0.4	0.6	0.7
	Max	1.5	1.8	5.4
	Min	0.0	0.0	0.1
Pressure (mbar)	Ave	-43.2	-48.8	-41.5
	Max	-80.0	-28.93	-77.1
	Min	-20.7	-88.96	-21.43
Gas Flow (m ³ /hr)	Ave	877	752	620
	Max	1250	900	850
	Mix	575	600	450

Discussion

Monitoring of gas flow rates indicate that the total volume of landfill gas processed at Bryn Pica throughout 2017 decreased when compared with 2016. The average volume of gas extracted from the whole site in 2017 was calculated as being 620 cubic meters per hour. This is a circa 17.5% decrease when compared to the 12 month period Jan-16 to Dec-16.

Monitoring records show the average methane (CH₄) concentration in 2017 was 47.4% 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 16 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. AC2018/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 2016 and this continued in 2017. 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-17 to Dec-17, monitoring undertaken at GMBH06-02 illustrated an average of Methane (CH₄) concentration of 15.5 % CH₄ by Vol. This is a slight increase when compared to the average value calculated for the period Jan-16 to Dec-16 (recorded as being 10.4 % CH₄ by Vol). These observations suggest that the remediation measures targeting this migration have, to a degree, reduce in effectiveness. Further action is required in order to reduce the presence of landfill gas within this installation.

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% CH₄ 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 2017 monitoring results from GMBH 08-01 indicate that there is no positive with the sub-soil gas environment. This would tend to suggest there is low risk of extensive lateral migration in a Northerly direction.

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 2016 recorded methane concentrations in the range 0.0% - 0.4 % CH₄ by Vol, with an average concentration of 0.1 % CH₄ by Vol. During the 12 month period now under consideration (i.e. Jan-17 to Dec-17), the level of landfill gas observed within this installation has increased slightly. Monitoring results from 2017 indicate a wider range in Methane concentrations (0.0 – 1.3% CH₄ by Vol), with an annual average 0.2% % CH₄ 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 CH₄ concentration calculated for GMBH12-01 during the period Jan-17 to Dec-17 is shown to be 0.1% CH₄ 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 2015 and 2016 (1.4 and 0.5) % CH₄ by Vol, respectively).

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-16 to Dec-16, the average methane concentration recorded was 27.2 CH₄ by Vol. With average values of carbon dioxide over the same period of 18.4% CO₂ by Vol and average oxygen value of 4.7% 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-17 to Dec-17 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 = -2.0 mbar

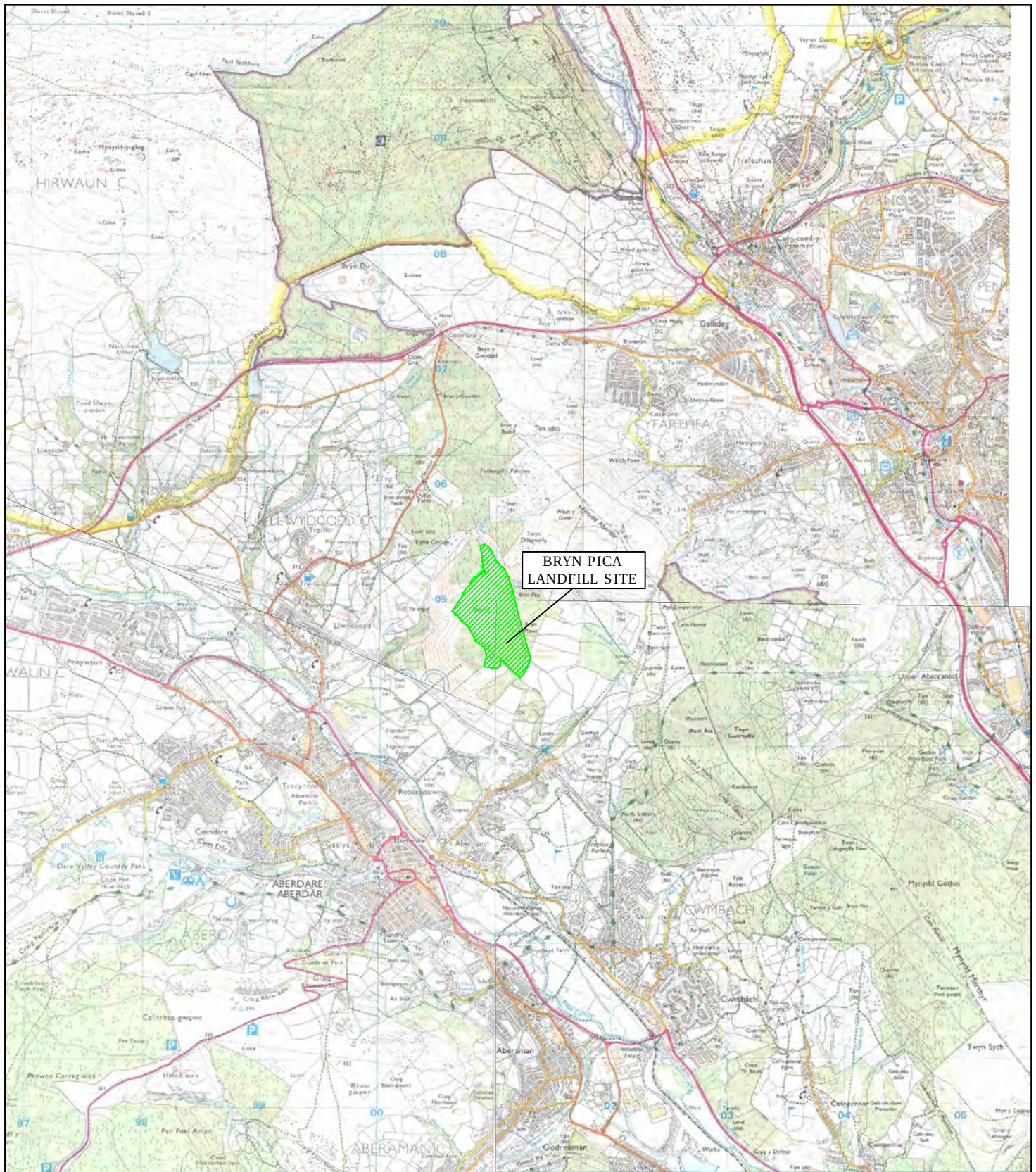
4. SUMMARY / RECOMMENDATIONS

- 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 2017 (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 2017. 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

AC2018/ENV/01/01 – Location Plan
AC2018/ENV/02/02 – Landfill Gas System Infrastructure



REPRODUCED FROM ORDNANCE SURVEY 1:50,000 MAP WITH THE PERMISSION OF THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE. © CROWN COPYRIGHT, LICENCE NUMBER AL50604A.



AMGEN CYMRU
BRYN PICA
LLWYDGOED
ABERDARE
CF44 0BX

JOB TITLE

BRYN PICA WASTE MANAGEMENT FACILITY ANNUAL REPORT 2016

DRAWING TITLE

SITE LOCATION PLAN

REV.	DESCRIPTION	DATE
DRAWN	A.P.W.	DATE 05/01/16
APPROVED	L.F.	DATE 05/01/18
SCALE	1:50,000	SHEET A4
DRAWING NO.	AC2018/ENV/01/001	
STATUS FOR COMMENT ☐ FOR APPROVAL ☐ DRAFT ☐ FINAL ☒		

150MM DIAMETER CYLINDRICAL
STEEL VANDAL-PROOF COVER WITH
LOCKABLE LID

REMOVABLE COVER WITH GAS
MONITORING PORT AND VALVE AS
NECESSARY

150MM (MINIMUM) DRILLED HOLE

1M PLAIN PIPE (SILT TRAP) AND
SEALED END CAP

KS

RESTORATION LAYER

SOLID WELL CASING

4M WETTED BENTONITE SEAL

EXISTING WASTE

STAND C/W THREADED CAP
WASTE MONITORING

2000 Gas Sample Port

DC185 FLEXISEAL COUPLING

3" SAFI BALL VALVE

180mm

FLOW MONITORING PORT

90MM HDPE

90° BEND

DC185 FLEXISEAL
COUPLING

180MM WELL HEAD WITH 160MM SECTION
TURNED DOWN TO FIT 180MM GAS WELL

SCALE 1:1,500

Legend:

Monitoring Points

Landfill Gas Monitoring Borehole

Landfill Gas Surface Monitoring Point

Combined Gas/ Groundwater Monitoring Point

Gas Flare Stack

Landfill Gas Extraction/ Leachate Monitoring Point

Condensate Unit (Knock-out Pot)

Groundwater Monitoring Borehole

Groundwater Pumping Point

Surface Water Monitoring Point

Leachate Collection Point

Leachate Monitoring Point

Leachate Recirculation Point

Valve

KOP

PEG

Manifold

Firm Drains

Pinwell

Strategic Point

3rd Party KOP

Gas Wells

Gas Well 630

Gas Well 900

Gas Well 1100

Gas Well 1200

Gas Well 1600

Gas Well 1800

Gas Well 2250

Gas Well 2500 >

Proposed Gas Well

Assumed Underground Well

Decommissioned / Removed / Buried Well

Infrastructure Pipework

Above ground Pipe

Underground Pipe

32mm Gas Pipe

55mm Gas Pipe

63mm Gas Pipe

90mm Gas Pipe

110mm Gas Pipe

120mm Gas Pipe

125mm Gas Pipe

160mm Gas Pipe

180mm Gas Pipe

200mm Gas Pipe

250mm Gas Pipe

280mm Gas Pipe

315mm Gas Pipe

355mm Gas Pipe

400mm Gas Pipe

450mm Gas Pipe

500mm Gas Pipe

650mm Gas Pipe

Leachate Pipe

Airline Pipe

Air and Discharge Pipe

Discharge Pipe

Condensate Pipe

Leachate Recirculation Pipe

Assumed Pipe

U/G / CAP Pipe goes underground / Pipe end is capped

Notes:

- All dimensions are in meters unless otherwise stated.
- Gas infrastructure survey undertaken and supplied by UTEC - Satmet on behalf of Infinit.
- All survey coordinates related to site coordinate system derived from the national GPS network - positions and levels checked against site control.
- For ground levels and top of well levels please refer to the spreadsheet: 5619_G104-Bryn Pica-Gas Well Coordinates and levels - November 2017.xls

UTEC-Satmet Disclaimer:

THIS INFORMATION SHOULD NOT BE REGARDED AS ACCURATE AND SHOULD BE USED FOR GUIDANCE PURPOSES ONLY.

Client:

AMGEN Cymru Ltd

Job Title:

BRYN PICA WASTE MANAGEMENT
FACILITY ANNUAL REPORT 2017

Drawing Title:

LANDFILL GAS MANAGEMENT
SYSTEM

Drawing No.:	AC2018/ENV/03/003	Revision:	-
Scale:	As Shown	Sheet size:	A1

Rev.	Description	Date
-	-	-

Drawn by:	APW	Checked by:	LF
Date:	22.02.2018	Date:	22.02.2018

AMGEN Cymru Ltd.
Bryn Pica
Llwydcoed
Aberdare
CF44 0BX.

Tel: 01685 870770



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 17 – Dec 17.

Table: Summary of Sub-Surface Landfill Gas Monitoring (Outside Waste) carried out at Bryn Pica Landfill Site Jan 17 - Dec 17.

Determinant	GMBH 7			GMBH 10			GMBH06-01			GMBH06-02		
	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
CH4 (% by Vol)	0.4	0.0	0.1				0.2	0.0	0.1	29.1	0.2	15.5
CO2 (% by Vol)	0.3	0.0	0.1				0.3	0.0	0.1	14.8	0.3	7.9
O2 (% by Vol)	22.6	19.4	21.0				22.7	20.0	21.1	21.4	4.4	11.7
CO (ppm)	0	0	0				0	0	0	0	0	0
H2S (ppm)	0	0	0				0	0	0	0	0	0
Pressure (mbar)	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
Determinant	GMBH06-03			GMBH06-05			GMBH06-06			GMBH06-07		
	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
CH4 (% by Vol)	8.5	0.0	2.2	0.2	0.2	0.1	0.2	0.1	27.2	0.9	0.0	0.1
CO2 (% by Vol)	9.0	0.0	3.4	2.6	0.0	1.1	24.2	0.1	18.4	3.2	0.0	1.0
O2 (% by Vol)	20.2	9.1	16.9	22.0	18.1	20.3	22.6	0.3	4.7	21.9	6.6	16.1
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0
Pressure (mbar)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Determinant	GMBH06-08			GMBH06-09			GMBH06-10			GMBH06-11		
	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
CH4 (% by Vol)	0.2	0.0	0.1	0.1	0.0	0.0	0.2	0.0	0.1	0.3	0.0	0.1
CO2 (% by Vol)	2.8	0.0	0.3	3.5	0.0	0.4	1.9	0.0	0.5	1.4	0.0	0.6
O2 (% by Vol)	22.5	17.7	20.8	22.2	19.1	20.8	21.5	19.2	20.5	21.5	19.2	20.4
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0
Pressure (mbar)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Determinant	GMBH07-02			GMBH07-03			GMBH07-04			GMBH07-05		
	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
CH4 (% by Vol)				0.2	0.0	0.1	1.6	0.0	0.2			
CO2 (% by Vol)				7.6	0.1	1.5	2.7	0.0	0.9			
O2 (% by Vol)				22.6	14.8	20.1	22.0	17.6	20.4			
CO (ppm)				0	0	0	0	0	0			
H2S (ppm)				0	0	0	0	0	0			
Pressure (mbar)				0.0	0.0	0.0	0.1	0.0	0.0			
Determinant	GMBH08-01			GMBH08-02			GMBH09-01			GMBH12-01		
	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
CH4 (% by Vol)	52.4	28.4	42.8				1.3	0.0	0.2	0.3	0.0	0.1
CO2 (% by Vol)	19.7	12.2	16.0				10.5	0.0	1.9	0.5	0.1	0.2
O2 (% by Vol)	5.1	0.3	1.8				22.3	-4.2	18.0	22.1	17.0	20.1
CO (ppm)	0	0	0				0	0	0	0	0	0
H2S (ppm)	0	0	0				0	0	0	0	0	0
Pressure (mbar)	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0

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	16	79.8	33.9	56.6	26.4	20.7	23.4	0.1	0.0	0.0	0.3	-4.7	-1.4
BYPWM102	Phase 1	14	54.2	43.0	49.8	28.9	25.2	27.3	0.4	0.0	0.1	0.0	-4.1	-1.1
BYPWM103	Phase 1	13	44.4	23.8	34.4	21.3	17.5	19.3	0.1	0.0	0.0	0.6	-3.1	-0.5
BYPWM104	Phase 1	17	58.0	10.5	44.8	26.3	19.7	24.3	0.2	0.0	0.1	0.4	-12.2	-2.3
BYPWM105	Phase 1	14	67.9	38.1	51.5	33.9	26.5	29.6	0.2	0.0	0.1	-0.3	-9.9	-4.5
BYPWM107	Phase 1	18	75.8	32.9	60.1	23.4	21.8	22.6	0.2	0.0	0.1	1.3	-2.1	-0.5
BYPWM108	Phase 1	15	58.6	20.8	44.0	28.3	21.9	26.0	0.5	0.0	0.1	0.3	-2.2	-0.6
BYPWM109	Phase 1	12	69.2	42.1	53.3	31.7	25.2	27.1	0.2	0.0	0.0	-1.2	-10.0	-4.9
BYPWM111	Phase 1	15	54.7	23.6	37.4	25.1	21.0	23.3	0.2	0.0	0.1	1.6	-5.3	-0.7
BYPWM201	Phase 1	20	69.6	25.6	54.5	29.3	12.6	25.8	11.0	0.0	1.3	1.2	-1.3	-0.5
BYPWM202	Phase 1	20	65.9	16.3	49.2	21.7	19.5	20.6	0.3	0.0	0.1	0.8	-1.1	-0.4
BYPWM203	Phase 1	15	52.1	33.3	45.6	32.8	23.5	26.9	0.3	0.0	0.1	0.0	-3.8	-1.3
BYPWM204	Phase 1	13	50.9	24.9	41.4	27.6	21.9	25.8	1.5	0.0	0.3	0.1	-5.4	-2.0
BYPWM206	Phase 1	13	35.9	0.9	12.2	16.4	0.5	6.4	20.6	4.4	14.0	0.9	-0.4	0.0
BYPWM207	Phase 1	17	58.4	30.9	45.9	24.9	14.2	21.5	7.0	0.1	1.3	21.6	-27.5	-6.9
BYPWM208	Phase 1	15	55.7	35.9	47.2	26.7	21.2	24.1	1.0	0.0	0.4	-2.8	-37.4	-19.0
BYPWM210	Phase 1	15	70.4	40.3	54.0	18.5	16.8	17.5	0.9	0.0	0.1	0.0	-2.1	-1.1
BYPWM211	Phase 1	16	51.0	3.1	32.7	23.5	2.5	17.3	17.9	0.0	4.4	0.2	-2.4	-0.5
BYPWM212	Phase 1	16	65.0	42.8	54.4	31.5	25.9	28.7	0.2	0.0	0.0	-0.6	-3.5	-1.9
BYPW0002	Phase 1	16	74.6	34.9	54.6	27.1	23.8	25.7	0.1	0.0	0.0	-0.6	-8.5	-3.2

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)

WM101	IB1	:Z500	WM101IB1:Z500	WM101IB1:Z500
WM102	IB1	:Z500	WM102IB1:Z500	WM102IB1:Z500
WM103	IB1	:Z500	WM103IB1:Z500	WM103IB1:Z500
WM104	IB1	:Z500	WM104IB1:Z500	WM104IB1:Z500
WM105	IB1	:Z500	WM105IB1:Z500	WM105IB1:Z500
WM107	IB1	:Z500	WM107IB1:Z500	WM107IB1:Z500
WM108	IB1	:Z500	WM108IB1:Z500	WM108IB1:Z500
WM109	IB1	:Z500	WM109IB1:Z500	WM109IB1:Z500
WM111	IB1	:Z500	WM111IB1:Z500	WM111IB1:Z500
WM201	IB1	:Z500	WM201IB1:Z500	WM201IB1:Z500
WM202	IB1	:Z500	WM202IB1:Z500	WM202IB1:Z500
WM203	IB1	:Z500	WM203IB1:Z500	WM203IB1:Z500
WM204	IB1	:Z500	WM204IB1:Z500	WM204IB1:Z500
WM206	IB1	:Z500	WM206IB1:Z500	WM206IB1:Z500
WM207	IB1	:Z500	WM207IB1:Z500	WM207IB1:Z500
WM208	IB1	:Z500	WM208IB1:Z500	WM208IB1:Z500
WM210	IB1	:Z500	WM210IB1:Z500	WM210IB1:Z500
WM211	IB1	:Z500	WM211IB1:Z500	WM211IB1:Z500
WM212	IB1	:Z500	WM212IB1:Z500	WM212IB1:Z500
WM0002	IB1	:Z500	WM0002IB1:Z500	WM0002IB1: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
BYPW0003	Phase 2	13	64.6	40.4	50.8	31.3	26.6	28.2	0.8	0.0	0.1	-0.1	-8.5	-3.2
BYPW0004	Phase 2	16	62.2	29.7	49.1	39.7	27.6	34.0	0.5	0.0	0.0	0.5	-36.1	-26.7
BYPW0005	Phase 2	16	58.4	34.4	48.9	42.4	30.1	38.2	3.0	0.0	0.4	-0.4	-11.1	-5.1
BYPW0006	Phase 2	13	56.6	41.9	47.9	39.0	33.7	35.8	0.3	0.0	0.0	-2.1	-7.0	-4.6
BYPW0007	Phase 2	16	57.5	36.3	48.0	44.2	30.0	37.3	4.5	0.1	1.5	0.1	-17.5	-8.6
BYPW0008	Phase 2	17	56.6	26.8	42.6	37.8	24.0	30.6	1.4	0.0	0.1	0.1	-6.5	-3.0
BYPW0009	Phase 2	12	58.6	43.7	51.1	39.6	35.8	37.8	0.2	0.0	0.0	-2.9	-8.6	-5.4
BYPW0011	Phase 2	12	55.1	42.8	49.3	40.0	35.2	37.6	0.3	0.0	0.1	-4.1	-8.9	-6.1
BYPW0501	Phase 2	16	63.8	36.3	52.1	29.8	25.1	28.1	0.2	0.0	0.0	0.3	-3.0	-1.0
BYPW0502	Phase 2	13	45.9	4.2	35.4	25.7	3.9	19.7	18.2	0.3	4.6	0.6	-11.3	-2.2
BYPW0503	Phase 2	16	61.4	3.6	50.0	28.2	1.7	24.4	19.6	0.0	1.3	1.6	-14.7	-3.3
BYPW0504	Phase 2	21	63.1	32.3	48.6	32.9	23.3	27.6	0.7	0.0	0.1	0.2	-3.1	-1.2
BYPW0505	Phase 2	20	57.9	34.6	44.4	31.9	25.0	27.9	0.2	0.0	0.1	0.6	-2.8	-0.8
BYPW0515	Phase 2	15	59.0	11.0	43.8	44.8	21.6	37.5	1.7	0.0	0.3	0.3	-1.2	-0.4
BYPW0516	Phase 2	14	61.2	28.9	49.7	42.5	30.3	36.8	0.2	0.0	0.1	-1.0	-19.1	-8.6
BYPW0601	Phase 2	16	59.7	47.0	54.1	40.9	33.0	38.4	0.1	0.0	0.0	-2.9	-22.1	-10.3
BYPW0602	Phase 2	16	71.3	0.0	53.1	35.2	0.1	28.5	20.7	0.0	2.5	-0.4	-45.0	-23.8
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	15	57.4	32.5	48.3	42.5	30.7	37.2	1.4	0.0	0.3	0.3	-3.1	-0.9
BYPW0607	Phase 2	14	60.0	33.1	48.4	40.1	29.6	35.2	0.7	0.0	0.1	-0.1	-4.0	-1.4
BYPW0608	Phase 2	15	60.4	31.6	49.5	42.8	29.8	37.1	0.6	0.0	0.1	0.0	-3.0	-1.0
BYPW1203	Phase 2	15	59.2	22.5	39.2	27.3	21.4	24.4	0.1	0.0	0.0	0.2	-3.9	-0.9
BYPW1204	Phase 2	18	70.9	25.8	55.5	30.4	23.8	28.1	1.7	0.0	0.3	-0.2	-6.2	-2.0
BYPW1307	Phase 2	14	58.9	39.0	48.6	41.8	35.0	37.9	0.2	0.0	0.0	-4.0	-23.8	-13.5
BYPW1308	Phase 2	14	56.3	47.0	51.9	40.4	37.0	38.5	0.2	0.0	0.1	-9.7	-28.7	-21.5

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

WM0003	IB1	:Z500	WM0003IB1:Z500	WM0003IB1:Z500
WM0004	IB1	:Z500	WM0004IB1:Z500	WM0004IB1:Z500
WM0005	IB1	:Z500	WM0005IB1:Z500	WM0005IB1:Z500
WM0006	IB1	:Z500	WM0006IB1:Z500	WM0006IB1:Z500
WM0007	IB1	:Z500	WM0007IB1:Z500	WM0007IB1:Z500
WM0008	IB1	:Z500	WM0008IB1:Z500	WM0008IB1:Z500
WM0009	IB1	:Z500	WM0009IB1:Z500	WM0009IB1:Z500
WM00011	IB1	:Z500	WM00011IB1:Z500	WM00011IB1:Z500
PW0501	IB1	:Z500	PW0501IB1:Z500	PW0501IB1:Z500
PW0502	IB1	:Z500	PW0502IB1:Z500	PW0502IB1:Z500
PW0503	IB1	:Z500	PW0503IB1:Z500	PW0503IB1:Z500
PW0504	IB1	:Z500	PW0504IB1:Z500	PW0504IB1:Z500
PW0505	IB1	:Z500	PW0505IB1:Z500	PW0505IB1:Z500
PW0515	IB1	:Z500	PW0515IB1:Z500	PW0515IB1:Z500
PW0516	IB1	:Z500	PW0516IB1:Z500	PW0516IB1:Z500
PW0601	IB1	:Z500	PW0601IB1:Z500	PW0601IB1:Z500
PW0602	IB1	:Z500	PW0602IB1:Z500	PW0602IB1:Z500
PW0605	IB1	:Z500	PW0605IB1:Z500	PW0605IB1:Z500
PW0606	IB1	:Z500	PW0606IB1:Z500	PW0606IB1:Z500
PW0607	IB1	:Z500	PW0607IB1:Z500	PW0607IB1:Z500
PW0608	IB1	:Z500	PW0608IB1:Z500	PW0608IB1:Z500
PW1203	IB1	:Z500	PW1203IB1:Z500	PW1203IB1:Z500
PW1204	IB1	:Z500	PW1204IB1:Z500	PW1204IB1:Z500
PW1307	IB1	:Z500	PW1307IB1:Z500	PW1307IB1:Z500
PW1308	IB1	:Z500	PW1308IB1:Z500	PW1308IB1: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	13	59.1	40.9	48.8	36.8	30.3	32.7	0.1	0.0	0.0	-2.4	-9.0	-5.5
BYPW0703	Phase 3	12	59.6	56.7	58.5	44.5	40.9	43.1	0.5	0.0	0.2	-24.5	-51.2	-34.3
BYPW0704	Phase 3	15	60.6	42.3	50.8	42.0	33.8	37.5	0.2	0.0	0.1	-2.3	-19.8	-12.0
BYPW0705	Phase 3	12	71.3	66.7	68.5	35.3	29.5	32.5	0.5	0.0	0.2	-24.9	-49.3	-33.4
BYPW0706	Phase 3	12	62.2	59.7	61.0	42.3	39.4	41.1	0.1	0.0	0.1	-23.8	-49.5	-33.7
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	15	57.1	24.2	47.0	42.1	27.9	36.0	0.5	0.0	0.1	0.0	-2.5	-1.1
BYPW1002	Phase 3	16	58.5	29.8	47.9	36.3	28.4	33.7	0.2	0.0	0.1	-0.6	-9.4	-3.9
BYPW1003	Phase 3	18	58.0	36.6	51.2	40.1	31.6	37.5	0.2	0.0	0.1	-1.7	-11.8	-6.2
BYPW1004	Phase 3	12	62.1	58.2	59.9	43.6	42.0	42.9	0.4	0.0	0.1	-20.1	-48.0	-31.7
BYPW1005	Phase 3	14	59.2	36.5	50.6	37.0	33.3	35.4	0.2	0.0	0.1	-8.1	-44.2	-28.4
BYPW1006	Phase 3	16	72.2	29.4	55.9	35.7	19.7	30.1	7.6	0.0	1.2	0.2	-9.6	-2.3
BYPW1101	Phase 3	14	58.8	41.1	54.2	40.8	33.9	39.0	0.2	0.0	0.1	-21.4	-47.2	-32.6
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!
BYPW1101	Phase 3	16	79.8	33.9	56.6	26.4	20.7	23.4	0.1	0.0	0.0	0.3	-4.7	-1.4
BYPZ0001	Phase 3	12	58.1	55.6	57.1	46.6	45.0	46.1	0.1	0.0	0.0	-24.9	-48.2	-33.8
BYPW1201	Phase 3	18	57.9	39.1	49.6	43.2	35.1	39.6	0.2	0.0	0.1	-2.1	-14.2	-7.6
BYPW1202	Phase 3	17	61.4	54.5	58.4	42.7	40.6	41.6	0.1	0.0	0.0	-22.0	-48.2	-32.5
BYPW1301	Phase 3	13	59.3	24.2	49.9	41.0	14.5	35.7	12.5	0.0	1.3	2.0	-18.3	-8.3
BYPW1302	Phase 3	17	65.3	39.2	56.9	42.4	29.8	35.6	0.2	0.0	0.1	-10.0	-41.8	-27.9
BYPW1309	Phase 3	15	62.6	40.9	51.5	39.8	30.9	34.5	0.1	0.0	0.1	-3.7	-31.4	-16.8

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	IB1	:Z500	PW0701IB1:Z500	PW0701IB1:Z500
PW0702	IB1	:Z500	PW0702IB1:Z500	PW0702IB1:Z500
PW0703	IB1	:Z500	PW0703IB1:Z500	PW0703IB1:Z500
PW0704	IB1	:Z500	PW0704IB1:Z500	PW0704IB1:Z500
PW0705	IB1	:Z500	PW0705IB1:Z500	PW0705IB1:Z500
PW0706	IB1	:Z500	PW0706IB1:Z500	PW0706IB1:Z500
PW0707	IB1	:Z500	PW0707IB1:Z500	PW0707IB1:Z500
PW0904	IB1	:Z500	PW0904IB1:Z500	PW0904IB1:Z500
PW1001	IB1	:Z500	PW1001IB1:Z500	PW1001IB1:Z500
PW1002	IB1	:Z500	PW1002IB1:Z500	PW1002IB1:Z500
PW1003	IB1	:Z500	PW1003IB1:Z500	PW1003IB1:Z500
PW1004	IB1	:Z500	PW1004IB1:Z500	PW1004IB1:Z500
PW1005	IB1	:Z500	PW1005IB1:Z500	PW1005IB1:Z500
PW1006	IB1	:Z500	PW1006IB1:Z500	PW1006IB1:Z500
PW1101	IB1	:Z500	PW1101IB1:Z500	PW1101IB1:Z500
PW1102	IB1	:Z500	PW1102IB1:Z500	PW1102IB1:Z500
PW1103	IB1	:Z500	PW1103IB1:Z500	PW1103IB1:Z500
PWM101	IB1	:Z500	PWM101IB1:Z500	PWM101IB1:Z500
BYPZ001	IB1	:Z500	BYPZ001IB1:Z500	BYPZ001IB1:Z500
PW1201	IB1	:Z500	PW1201IB1:Z500	PW1201IB1:Z500
PW1202	IB1	:Z500	PW1202IB1:Z500	PW1202IB1:Z500
PW1301	IB1	:Z500	PW1301IB1:Z500	PW1301IB1:Z500
PW1302	IB1	:Z500	PW1302IB1:Z500	PW1302IB1:Z500
PW1309	IB1	:Z500	PW1309IB1:Z500	PW1309IB1:Z500

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr	Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart vah	Comment	X GPS	Y GPS	CH4 + CO2 (%)
BYPWM101	1/16/2017 9:19	77.6	20.9	0.1	1.4	-3.19	991	<NO VALU	<NO VALU	0	9	LOW	1.02	3.71	98.5	10	10 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	2/17/2017 8:24	53.3	24	0.1	22.6	-0.56	991	<NO VALU	<NO VALU	1	10	LOW	22.22	2.22	77.3	10	10 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	3/3/2017 9:22	79.8	20.7	0.1	0	-0.79	959	<NO VALU	<NO VALU	0	6	LOW	0	3.86	100.5	10	20 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	3/3/2017 9:24	77.9	21.4	0	0.7	-1.55	959	<NO VALU	<NO VALU	0	8	LOW	0.7	3.64	99.3	20	20 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	4/21/2017 10:44	33.9	24.1	0	42	-3.71	996	<NO VALU	<NO VALU	0	22	LOW	42	1.41	58	20	5 2. Rebalan	<NO VALU	<NO VALU	-
BYPWM101	5/15/2017 8:11	54.3	22.3	0	23.4	-0.83	983	<NO VALU	<NO VALU	2	31	LOW	23.4	2.43	76.6	5	5 1. OK	<NO VALU	<NO VALU	-
BYPWM101	5/24/2017 9:46	40.6	22.3	0	37.1	-0.88	990	<NO VALU	<NO VALU	3	27	LOW	37.1	1.82	62.9	5	5 1. OK	<NO VALU	<NO VALU	-
BYPWM101	6/9/2017 9:41	48	24.2	0	27.8	-0.48	973	<NO VALU	<NO VALU	2	27	LOW	27.8	1.98	72.2	5	5 1. OK	<NO VALU	<NO VALU	-
BYPWM101	7/4/2017 13:45	70.8	20.7	0.1	8.4	-0.29	984	<NO VALU	<NO VALU	7	30	LOW	8.02	3.42	91.5	5	10 1. OK	<NO VALU	<NO VALU	-
BYPWM101	7/4/2017 13:47	70.9	20.8	0	8.3	-0.84	984	<NO VALU	<NO VALU	7	30	LOW	8.3	3.41	91.7	10	10 1. OK	<NO VALU	<NO VALU	-
BYPWM101	8/4/2017 8:56	43	25.4	0	31.6	-2.29	974	<NO VALU	<NO VALU	0	16	LOW	31.6	1.69	68.4	10	10 1. OK	<NO VALU	<NO VALU	-
BYPWM101	9/7/2017 14:13	53.4	24.4	0.1	22.1	0.3	975	<NO VALU	<NO VALU	0	3	LOW	21.72	2.19	77.8	10	12 1. OK	<NO VALU	<NO VALU	-
BYPWM101	9/7/2017 14:15	53.2	24.6	0	22.2	0.17	975	<NO VALU	<NO VALU	0	1	LOW	22.2	2.16	77.8	12	12 1. OK	<NO VALU	<NO VALU	-
BYPWM101	10/6/2017 8:14	45.8	26.4	0	27.8	-2.27	992	<NO VALU	<NO VALU	0	10	LOW	27.8	1.73	72.2	12	10 1. OK	<NO VALU	<NO VALU	-
BYPWM101	11/3/2017 9:30	54.6	25.9	0.1	19.4	-0.65	973	<NO VALU	<NO VALU	1	41	LOW	19.02	2.11	80.5	10	10 1. OK	<NO VALU	<NO VALU	-
BYPWM101	12/8/2017 13:31	49.1	25.7	0.1	25.1	-4.67	984	<NO VALU	<NO VALU	0	0	LOW	24.72	1.91	74.8	10	10 1. OK	<NO VALU	<NO VALU	-
Count		16	16	16	16	16	16	0	0	16	16	0	16	16	16	16	16	0	0	0
Max		79.8	26.4	0.1	42	0.3	996	0	0	7	41	0	42	3.86	100.5	20	20	0	0	0
Min		33.9	20.7	0	0	-4.67	959	0	0	0	0	0	0	1.41	58	5	5	0	0	0
Ave		56.6375	23.3625	0.04375	19.99375	-1.408125	980.1875	#DIV/0!	#DIV/0!	1.4375	16.9375	#DIV/0!	19.85125	2.480625	80	10.25	10.25	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr	Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart vah	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
BYPWM102	1/16/2017 9:22	45.8	26.8	0.1	27.3	-4.11	991	<NO VALU	<NO VALU	0	3	LOW	26.92	1.71	72.6	10	10 1. OK			<NO VALU <NO VALU 300878.6 205119.2	
BYPWM102	2/17/2017 8:26	48.5	26.4	0.1	25	-0.62	991	<NO VALU	<NO VALU	2	3	LOW	24.62	1.84	74.9	10	10 1. OK			<NO VALU <NO VALU 300878.6 205119.2	
BYPWM102	3/3/2017 9:19	50.6	26.6	0.1	22.7	-0.68	959	<NO VALU	<NO VALU	0	0	LOW	22.32	1.9	77.2	10	10 1. OK			<NO VALU <NO VALU 300878.6 205119.2	
BYPWM102	4/21/2017 10:46	43	26.7	0	30.3	-1.86	996	<NO VALU	<NO VALU	0	7	LOW	30.3	1.61	69.7	10	10 1. OK			<NO VALU <NO VALU 300878.6 205119.2	
BYPWM102	5/15/2017 8:09	52.9	27.3	0.1	19.7	-1.37	983	<NO VALU	<NO VALU	4	7	LOW	19.32	1.94	80.2	10	10 1. OK			<NO VALU <NO VALU 300878.6 205119.2	
BYPWM102	5/24/2017 9:43	44.2	25.2	0.4	30.2	-1.03	990	<NO VALU	<NO VALU	3	9	LOW	28.7	1.75	69.4	10	10 1. OK			<NO VALU <NO VALU 300878.6 205119.2	
BYPWM102	6/9/2017 9:43	49.9	27.4	0.4	22.3	-0.55	973	<NO VALU	<NO VALU	4	6	LOW	20.8	1.82	77.3	10	10 1. OK			<NO VALU <NO VALU 300878.6 205119.2	
BYPWM102	7/4/2017 13:43	54.2	26.6	0.2	19	-0.66	983	<NO VALU	<NO VALU	8	6	LOW	18.25	2.04	80.8	10	10 1. OK			<NO VALU <NO VALU 300878.6 205119.2	
BYPWM102	8/4/2017 8:54	52.7	28.5	0	18.8	-1.29	974	<NO VALU	<NO VALU	3	7	LOW	18.8	1.85	81.2	10	10 1. OK			<NO VALU <NO VALU 300878.6 205119.2	
BYPWM102	9/7/2017 14:09	51.3	27.9	0.1	20.7	0.02	975	<NO VALU	<NO VALU	0	0	LOW	20.32	1.84	79.2	10	12 1. OK			<NO VALU <NO VALU 300878.6 205119.2	
BYPWM102	9/7/2017 14:11	50.9	28.3	0	20.8	-0.04	975	<NO VALU	<NO VALU	0	0	LOW	20.8	1.8	79.2	12	12 1. OK			<NO VALU <NO VALU 300878.6 205119.2	
BYPWM102	10/6/2017 8:12	47.8	28.5	0.1	23.6	-2.31	992	<NO VALU	<NO VALU	1	4	LOW	23.22	1.68	76.3	12	10 1. OK			<NO VALU <NO VALU 300878.6 205119.2	
BYPWM102	11/3/2017 9:27	52.1	28.9	0	19	-0.57	976	<NO VALU	<NO VALU	1	13	LOW	19	1.8	81	10	10 1. OK			<NO VALU <NO VALU 300878.6 205119.2	
BYPWM102	12/8/2017 13:26	52.7	27.7	0.2	19.4	-0.64	990	<NO VALU	<NO VALU	1	0	LOW	18.65	1.9	80.4	10	10 1. OK			<NO VALU <NO VALU 300878.6 205119.2	
Count		14	14	14	14	14	14	0	0	14	14	0	14	14	14	14	14	14	0	0	0
Max		54.2	28.9	0.4	30.3	0.02	996	0	0	8	13	0	30.3	2.04	81.2	12	12	0	0	0	
Min		43	25.2	0	18.8	-4.11	959	0	0	0	0	0	18.25	1.61	69.4	10	10	0	0	0	
Ave		49.75714	27.34286	0.128571	22.77143	-1.122143	982	#DIV/0!	#DIV/0!	1.928571	4.642857	#DIV/0!	22.28714	1.82	77.1	10.28571	10.28571	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (n Atm Press)	
BYPWM103	1/16/2017 9:16	27.6	21.3	0.1	51	-3.12	991
BYPWM103	2/17/2017 8:21	37.3	19.3	0.1	43.3	-0.1	990
BYPWM103	3/3/2017 9:26	44.4	18.3	0	37.3	-0.29	959
BYPWM103	3/3/2017 9:28	44.4	18.3	0	37.3	-0.3	959
BYPWM103	4/21/2017 10:41	23.8	19.5	0	56.7	-2.04	996
BYPWM103	5/15/2017 8:15	30.8	19.4	0.1	49.7	-0.11	983
BYPWM103	6/9/2017 9:39	29.6	19.4	0	51	0.06	973
BYPWM103	7/4/2017 13:51	35	18.2	0	46.8	0.12	985
BYPWM103	8/4/2017 8:58	31.1	19.4	0	49.5	-0.1	975
BYPWM103	9/7/2017 14:17	40	17.5	0.1	42.4	0.55	975
BYPWM103	10/6/2017 8:16	31.2	20.3	0.1	48.4	-0.44	992
BYPWM103	11/3/2017 9:32	37.6	20	0	42.4	-0.12	973
BYPWM103	12/8/2017 13:33	34.9	19.5	0.1	45.5	0	984
Count		13	13	13	13	13	13
Max		44.4	21.3	0.1	56.7	0.55	996
Min		23.8	17.5	0	37.3	-3.12	959
Ave		34.43846	19.26154	0.046154	46.25385	-0.453077	979.6154

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	50.62	1.3	48.9	0
<NO VALU	<NO VALU	2	3	LOW	42.92	1.93	56.6	0
<NO VALU	<NO VALU	0	2	LOW	37.3	2.43	62.7	0
<NO VALU	<NO VALU	0	1	LOW	37.3	2.43	62.7	1
<NO VALU	<NO VALU	0	6	LOW	56.7	1.22	43.3	1
<NO VALU	<NO VALU	2	1	LOW	49.32	1.59	50.2	0
<NO VALU	<NO VALU	4	6	LOW	51	1.53	49	0
<NO VALU	<NO VALU	7	7	LOW	46.8	1.92	53.2	0
<NO VALU	<NO VALU	4	5	LOW	49.5	1.6	50.5	0
<NO VALU	<NO VALU	0	0	LOW	42.02	2.29	57.5	0
<NO VALU	<NO VALU	1	2	LOW	48.02	1.54	51.5	0
<NO VALU	<NO VALU	1	11	LOW	42.4	1.88	57.6	0
<NO VALU	<NO VALU	0	0	LOW	45.12	1.79	54.4	0
0	0	13	13	0	13	13	13	13
0	0	7	11	0	56.7	2.43	62.7	1
0	0	0	0	0	37.3	1.22	43.3	0
#DIV/0!	#DIV/0!	1.615385	3.461538	#DIV/0!	46.07846	1.803846	53.7	0.153846

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
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	
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	
13	0	0	0		
1	0	0	0		
0	0	0	0		
0.153846	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPWM104	1/16/2017 9:13	35.1	25	0.2	39.7	-12.15	991
BYPWM104	1/18/2017 12:09	37.3	25.1	0.1	37.5	-0.05	1001
BYPWM104	2/17/2017 8:17	55.5	26.3	0.1	18.1	-0.09	991
BYPWM104	2/17/2017 8:19	55.6	26.3	0.1	18	-1.13	990
BYPWM104	3/3/2017 9:31	41.4	25.6	0	33	-1.4	959
BYPWM104	4/21/2017 10:39	40.1	23.4	0	36.5	-6.23	996
BYPWM104	5/15/2017 8:17	39.4	23.8	0.1	36.7	-6.46	983
BYPWM104	5/24/2017 9:48	10.5	19.7	0	69.8	-2.1	991
BYPWM104	6/9/2017 9:35	49.8	24.7	0.1	25.4	0.02	973
BYPWM104	6/9/2017 9:37	49.9	24.7	0	25.4	-1.02	973
BYPWM104	7/4/2017 13:53	58	25	0.1	16.9	-0.35	984
BYPWM104	8/4/2017 9:01	40.1	23.2	0	36.7	-3	975
BYPWM104	9/7/2017 14:20	52.4	24	0.1	23.5	0.38	975
BYPWM104	9/7/2017 14:22	52.1	24.2	0	23.7	0.15	975
BYPWM104	10/6/2017 8:19	44.5	24	0	31.5	-3.52	992
BYPWM104	11/3/2017 9:35	51.6	24.7	0	23.7	-0.55	974
BYPWM104	12/8/2017 13:36	49	24.2	0.1	26.7	-1.09	984
Count		17	17	17	17	17	17
Max		58	26.3	0.2	69.8	0.38	1001
Min		10.5	19.7	0	16.9	-12.15	959
Ave		44.84118	24.34706	0.058824	30.75294	-2.27	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	4	LOW	38.95	1.4	60.1	1
<NO VALU	<NO VALU	0	3	LOW	37.12	1.49	62.4	0
<NO VALU	<NO VALU	2	3	LOW	17.72	2.11	81.8	0
<NO VALU	<NO VALU	1	4	LOW	17.62	2.11	81.9	5
<NO VALU	<NO VALU	0	3	LOW	33	1.62	67	5
<NO VALU	<NO VALU	0	9	LOW	36.5	1.71	63.5	5
<NO VALU	<NO VALU	2	15	LOW	36.32	1.66	63.2	5
<NO VALU	<NO VALU	4	12	LOW	69.8	0.53	30.2	5
<NO VALU	<NO VALU	3	15	LOW	25.02	2.02	74.5	0
<NO VALU	<NO VALU	3	15	LOW	25.4	2.02	74.6	1
<NO VALU	<NO VALU	7	7	LOW	16.52	2.32	83	1
<NO VALU	<NO VALU	2	12	LOW	36.7	1.73	63.3	1
<NO VALU	<NO VALU	0	1	LOW	23.12	2.18	76.4	1
<NO VALU	<NO VALU	0	2	LOW	23.7	2.15	76.3	5
<NO VALU	<NO VALU	1	7	LOW	31.5	1.85	68.5	5
<NO VALU	<NO VALU	1	22	LOW	23.7	2.09	76.3	5
<NO VALU	<NO VALU	0	0	LOW	26.32	2.02	73.2	5
0	0	17	17	0	17	17	17	17
0	0	7	22	0	69.8	2.32	83	5
0	0	0	0	0	16.52	0.53	30.2	0
#DIV/0!	#DIV/0!	1.529412	7.882353	#DIV/0!	30.53	1.824118	69.18824	2.941176

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0 1. OK		<NO VALU	<NO VALU	300880.5	205068.4
0 2. Rebalan		<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
5 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
0 2. Rebalan		<NO VALU	<NO VALU	300880.5	205068.4
1 1. OK		<NO VALU	<NO VALU	300880.5	205068.4
1 1. OK		<NO VALU	<NO VALU	300880.5	205068.4
1 1. OK		<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
5 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
17	0	0	0		
5	0	0	0		
0	0	0	0		
3.176471	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr	Atm Pressu
BYPWM105	1/10/2017 10:20	42.9	28.7	0.1	28.3	-6.61	977
BYPWM105	1/18/2017 12:02	47.4	28.9	0.1	23.6	-1.3	1000
BYPWM105	2/3/2017 10:43	66.8	33.9	0.1	0	-3.53	956
BYPWM105	3/3/2017 10:29	50.2	29	0.1	20.7	-4.59	957
BYPWM105	4/21/2017 10:52	38.1	26.5	0	35.4	-8.03	996
BYPWM105	5/12/2017 13:40	48	28	0	24	-0.29	959
BYPWM105	6/2/2017 10:41	40.8	27.1	0	32.1	-7.31	980
BYPWM105	7/4/2017 10:10	67.9	31	0	1.1	-0.71	984
BYPWM105	7/4/2017 10:13	67.5	31.4	0	1.1	-2.31	984
BYPWM105	8/4/2017 9:28	50	30.5	0	19.5	-4.88	975
BYPWM105	9/7/2017 15:02	45.8	29.7	0	24.5	-7.92	974
BYPWM105	10/4/2017 10:06	44.8	29.3	0	25.9	-9.94	987
BYPWM105	11/3/2017 10:15	54.6	30.1	0.1	15.2	-1.22	974
BYPWM105	12/8/2017 14:00	56	29.7	0.2	14.1	-4.33	984
	Count	14	14	14	14	14	14
	Max	67.9	33.9	0.2	35.4	-0.29	1000
	Min	38.1	26.5	0	0	-9.94	956
	Ave	51.48571	29.55714	0.05	18.96429	-4.497857	977.6429
	>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	2	LOW	27.92	1.49	71.6	10
<NO VALU	<NO VALU	0	5	LOW	23.22	1.64	76.3	5
<NO VALU	<NO VALU	2	4	LOW	0	1.97	100.7	5
<NO VALU	<NO VALU	2	2	LOW	20.32	1.73	79.2	5
<NO VALU	<NO VALU	0	8	LOW	35.4	1.44	64.6	5
<NO VALU	<NO VALU	7	17	LOW	24	1.71	76	1
<NO VALU	<NO VALU	3	10	LOW	32.1	1.51	67.9	5
<NO VALU	<NO VALU	5	1	LOW	1.1	2.19	98.9	5
<NO VALU	<NO VALU	4	12	LOW	1.1	2.15	98.9	10
<NO VALU	<NO VALU	4	11	LOW	19.5	1.64	80.5	10
<NO VALU	<NO VALU	0	0	LOW	24.5	1.54	75.5	10
<NO VALU	<NO VALU	5	4	LOW	25.9	1.53	74.1	10
<NO VALU	<NO VALU	1	33	LOW	14.82	1.81	84.7	5
<NO VALU	<NO VALU	0	0	LOW	13.35	1.89	85.7	5
0	0	14	14	0	14	14	14	14
0	0	7	33	0	35.4	2.19	100.7	10
0	0	0	0	0	0	1.44	64.6	1
#DIV/0!	#DIV/0!	2.357143	7.785714	#DIV/0!	18.80214	1.731429	81.04286	6.5

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
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
1 1. OK		<NO VALU	<NO VALU	300934.5 205107.4
1 1. OK		<NO VALU	<NO VALU	300934.5 205107.4
5 1. OK		<NO VALU	<NO VALU	300934.5 205107.4
10 1. OK		<NO VALU	<NO VALU	300934.5 205107.4
10 1. OK		<NO VALU	<NO VALU	300934.5 205107.4
10 1. OK		<NO VALU	<NO VALU	300934.5 205107.4
10 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
14	0	0	0	
10	0	0	0	
1	0	0	0	
5.857143	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (n Atm Press)	
BYPWM107	1/16/2017 9:02	58.6	23	0.2	18.2	-0.78	991
BYPWM107	2/17/2017 8:04	36.1	22.2	0.1	41.6	-1.01	991
BYPWM107	3/3/2017 9:42	75.1	23.4	0.1	1.4	-0.43	959
BYPWM107	3/3/2017 9:44	75	23.4	0	1.6	-1.07	959
BYPWM107	4/21/2017 10:23	44	21.8	0	34.2	-2.08	996
BYPWM107	5/15/2017 8:29	35.9	21.9	0	42.2	-0.86	983
BYPWM107	5/24/2017 9:55	65.8	22	0.1	12.1	0.02	991
BYPWM107	5/24/2017 9:57	55.3	21.9	0	22.8	-0.65	991
BYPWM107	6/9/2017 9:23	72.8	23.1	0	4.1	-0.05	973
BYPWM107	6/9/2017 9:25	72.6	23.1	0	4.3	-0.65	973
BYPWM107	7/4/2017 14:09	69.4	22.3	0	8.3	0.2	984
BYPWM107	8/4/2017 9:12	34.1	22.4	0	43.5	-1.55	975
BYPWM107	9/7/2017 14:36	75.8	22.3	0.1	1.8	1.32	975
BYPWM107	9/7/2017 14:38	75.7	22.6	0	1.7	0.77	975
BYPWM107	10/6/2017 8:31	32.9	23.1	0	44	-1.82	992
BYPWM107	11/3/2017 9:52	75	22.7	0.1	2.2	-0.15	974
BYPWM107	11/3/2017 9:54	74.8	22.7	0	2.5	-0.49	974
BYPWM107	12/8/2017 13:46	53	22.1	0.2	24.7	-0.29	984
	Count	18	18	18	18	18	18
	Max	75.8	23.4	0.2	44	1.32	996
	Min	32.9	21.8	0	1.4	-2.08	959
	Ave	60.10556	22.55556	0.05	17.28889	-0.531667	980

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	17.45	2.55	81.6	5
<NO VALU	<NO VALU	4	3	LOW	41.22	1.63	58.3	5
<NO VALU	<NO VALU	5	3	LOW	1.02	3.21	98.5	1
<NO VALU	<NO VALU	5	3	LOW	1.6	3.21	98.4	5
<NO VALU	<NO VALU	1	10	LOW	34.2	2.02	65.8	5
<NO VALU	<NO VALU	3	7	LOW	42.2	1.64	57.8	5
<NO VALU	<NO VALU	10	0	LOW	11.72	2.99	87.8	0
<NO VALU	<NO VALU	9	9	LOW	22.8	2.53	77.2	5
<NO VALU	<NO VALU	10	11	LOW	4.1	3.15	95.9	0
<NO VALU	<NO VALU	10	11	LOW	4.3	3.14	95.7	5
<NO VALU	<NO VALU	15	9	LOW	8.3	3.11	91.7	5
<NO VALU	<NO VALU	6	7	LOW	43.5	1.52	56.5	5
<NO VALU	<NO VALU	0	0	LOW	1.42	3.4	98.1	1
<NO VALU	<NO VALU	1	0	LOW	1.7	3.35	98.3	5
<NO VALU	<NO VALU	2	3	LOW	44	1.42	56	5
<NO VALU	<NO VALU	2	20	LOW	1.82	3.3	97.7	0
<NO VALU	<NO VALU	2	20	LOW	2.5	3.3	97.5	5
<NO VALU	<NO VALU	1	0	LOW	23.95	2.4	75.1	5
0	0	18	18	0	18	18	18	18
0	0	15	20	0	44	3.4	98.5	5
0	0	0	0	0	1.02	1.42	56	0
#DIV/0!	#DIV/0!	4.777778	6.611111	#DIV/0!	17.1	2.659444	82.66111	3.722222

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
1 2. Rebalan	<NO VALU	<NO VALU	300831.2	205006
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
0 2. Rebalan	<NO VALU	<NO VALU	300831.2	205006
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
1 2. Rebalan	<NO VALU	<NO VALU	300831.2	205006
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
0 2. Rebalan	<NO VALU	<NO VALU	300831.2	205006
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
18	0	0	0	
5	0	0	0	
0	0	0	0	
4	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (n Atm Press)	
BYPWM108	1/16/2017 8:59	25.4	24.1	0.5	50	-0.28	992
BYPWM108	2/17/2017 8:06	51.4	26.8	0.1	21.7	-0.57	991
BYPWM108	2/17/2017 8:08	51.6	26.9	0.1	21.4	-0.81	991
BYPWM108	3/3/2017 9:39	37.2	25.1	0	37.7	-0.14	959
BYPWM108	4/21/2017 10:26	20.8	21.9	0.4	56.9	-0.28	996
BYPWM108	5/15/2017 8:27	22.6	22.5	0.4	54.5	0	983
BYPWM108	6/9/2017 9:19	53.1	27.3	0.1	19.5	-0.01	973
BYPWM108	6/9/2017 9:21	53.1	27.3	0	19.6	-1.23	972
BYPWM108	7/4/2017 14:06	54.4	26.1	0	19.5	-0.2	984
BYPWM108	8/4/2017 9:10	48.4	25.8	0	25.8	-1.96	975
BYPWM108	9/7/2017 14:33	53.1	26.7	0.1	20.1	0.33	975
BYPWM108	10/6/2017 8:29	33	27.3	0.1	39.6	-2.18	992
BYPWM108	11/3/2017 9:48	58.5	28.3	0.1	13.1	-0.43	974
BYPWM108	11/3/2017 9:50	58.6	28.3	0	13.1	-0.53	974
BYPWM108	12/8/2017 13:44	38.6	26.2	0.2	35	-0.6	984
	Count	15	15	15	15	15	15
	Max	58.6	28.3	0.5	56.9	0.33	996
	Min	20.8	21.9	0	13.1	-2.18	959
	Ave	43.98667	26.04	0.14	29.83333	-0.592667	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	1	LOW	48.12	1.05	49.5	0
<NO VALU	<NO VALU	5	6	LOW	21.32	1.92	78.2	0
<NO VALU	<NO VALU	5	7	LOW	21.02	1.92	78.5	1
<NO VALU	<NO VALU	0	5	LOW	37.7	1.48	62.3	1
<NO VALU	<NO VALU	0	1	LOW	55.4	0.95	42.7	0
<NO VALU	<NO VALU	1	0	LOW	53	1	45.1	0
<NO VALU	<NO VALU	9	4	LOW	19.12	1.95	80.4	0
<NO VALU	<NO VALU	9	4	LOW	19.6	1.95	80.4	1
<NO VALU	<NO VALU	12	8	LOW	19.5	2.08	80.5	1
<NO VALU	<NO VALU	9	9	LOW	25.8	1.88	74.2	1
<NO VALU	<NO VALU	1	0	LOW	19.72	1.99	79.8	1
<NO VALU	<NO VALU	2	11	LOW	39.22	1.21	60.3	1
<NO VALU	<NO VALU	1	14	LOW	12.72	2.07	86.8	1
<NO VALU	<NO VALU	1	15	LOW	13.1	2.07	86.9	5
<NO VALU	<NO VALU	1	0	LOW	34.25	1.47	64.8	5
0	0	15	15	0	15	15	15	15
0	0	12	15	0	55.4	2.08	86.9	5
0	0	0	0	0	12.72	0.95	42.7	0
#DIV/0!	#DIV/0!	3.733333	5.666667	#DIV/0!	29.306	1.666	70.02667	1.2

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	
0 2. Rebalan	<NO VALU	<NO VALU	300867.5	205018.9	
0 2. Rebalan	<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	
1 1. OK	<NO VALU	<NO VALU	300867.5	205018.9	
5 1. OK	<NO VALU	<NO VALU	300867.5	205018.9	
1 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	
5 1. OK	<NO VALU	<NO VALU	300867.5	205018.9	
15	0	0	0		
5	0	0	0		
0	0	0	0		
1.8	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressi	
BYPWM109	1/10/2017 10:17	55	28.1	0	16.9	-4.47	977
BYPWM109	2/3/2017 10:40	57.6	28.5	0.1	13.8	-3.36	957
BYPWM109	3/3/2017 9:59	51.5	27.6	0	20.9	-1.23	958
BYPWM109	4/21/2017 10:28	42.1	25.2	0	32.7	-10.04	996
BYPWM109	5/12/2017 13:38	69.2	31.7	0.1	0	-1.21	958
BYPWM109	6/2/2017 10:38	52.2	26.4	0	21.4	-1.36	981
BYPWM109	7/4/2017 10:08	58.1	26.7	0	15.2	-1.41	985
BYPWM109	8/4/2017 9:24	52.1	26.6	0	21.3	-8.4	975
BYPWM109	9/7/2017 14:56	48.5	26	0	25.5	-4.47	975
BYPWM109	10/4/2017 10:04	47.2	25.4	0	27.4	-7.4	987
BYPWM109	11/3/2017 10:06	51.7	26.5	0.1	21.7	-7.53	974
BYPWM109	12/8/2017 13:57	54.6	26.2	0.2	19	-7.92	984
Count		12	12	12	12	12	12
Max		69.2	31.7	0.2	32.7	-1.21	996
Min		42.1	25.2	0	0	-10.04	957
Ave		53.31667	27.075	0.041667	19.65	-4.9	975.5833

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	2	LOW	16.9	1.96	83.1	5
<NO VALU	<NO VALU	4	3	LOW	13.42	2.02	86.1	5
<NO VALU	<NO VALU	1	3	LOW	20.9	1.87	79.1	5
<NO VALU	<NO VALU	0	8	LOW	32.7	1.67	67.3	5
<NO VALU	<NO VALU	12	1	LOW	0	2.18	100.9	5
<NO VALU	<NO VALU	6	12	LOW	21.4	1.98	78.6	10
<NO VALU	<NO VALU	9	10	LOW	15.2	2.18	84.8	10
<NO VALU	<NO VALU	9	9	LOW	21.3	1.96	78.7	10
<NO VALU	<NO VALU	0	0	LOW	25.5	1.87	74.5	10
<NO VALU	<NO VALU	9	5	LOW	27.4	1.86	72.6	10
<NO VALU	<NO VALU	2	17	LOW	21.32	1.95	78.2	10
<NO VALU	<NO VALU	1	0	LOW	18.25	2.08	80.8	10
0	0	12	12	0	12	12	12	12
0	0	12	17	0	32.7	2.18	100.9	10
0	0	0	0	0	0	1.67	67.3	5
#DIV/0!	#DIV/0!	4.416667	5.833333	#DIV/0!	19.52417	1.965	80.39167	7.916667

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
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
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
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
10 1. OK		<NO VALU	<NO VALU	300901.4 205018.7
10 1. OK		<NO VALU	<NO VALU	300901.4 205018.7
12	0	0	0	
10	0	0	0	
5	0	0	0	
8.333333	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPWM111	1/16/2017 8:53	28	22.6	0.2	49.2	0.03	992
BYPWM111	2/17/2017 8:01	27.8	21.7	0.2	50.3	-0.66	991
BYPWM111	3/3/2017 9:47	45.9	24.9	0	29.2	0.25	959
BYPWM111	3/3/2017 9:49	46.5	25.1	0	28.4	-0.44	959
BYPWM111	4/21/2017 10:21	25.7	21.7	0	52.6	-5.27	996
BYPWM111	5/15/2017 8:31	23.6	21.7	0.1	54.6	-0.72	983
BYPWM111	6/9/2017 9:13	42.9	24	0.1	33	0.08	973
BYPWM111	6/9/2017 9:15	36.1	22.9	0	41	-1.08	973
BYPWM111	7/4/2017 14:12	32	21	0.1	46.9	0.01	985
BYPWM111	8/4/2017 9:14	54.7	25	0	20.3	-0.06	975
BYPWM111	8/4/2017 9:15	51.3	24.6	0	24.1	-1.57	975
BYPWM111	9/7/2017 14:41	47.6	23.6	0.1	28.7	1.59	975
BYPWM111	10/6/2017 8:33	31.2	24.3	0	44.5	-2.52	992
BYPWM111	11/3/2017 9:56	32.4	24	0.1	43.5	-0.12	974
BYPWM111	12/8/2017 13:49	35.3	22.8	0.2	41.7	0.15	984
	Count	15	15	15	15	15	15
	Max	54.7	25.1	0.2	54.6	1.59	996
	Min	23.6	21	0	20.3	-5.27	959
	Ave	37.4	23.32667	0.073333	39.2	-0.688667	979.0667

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	48.45	1.24	50.6	0
<NO VALU	<NO VALU	2	2	LOW	49.55	1.28	49.5	0
<NO VALU	<NO VALU	2	2	LOW	29.2	1.84	70.8	0
<NO VALU	<NO VALU	1	2	LOW	28.4	1.85	71.6	5
<NO VALU	<NO VALU	0	4	LOW	52.6	1.18	47.4	5
<NO VALU	<NO VALU	0	2	LOW	54.22	1.09	45.3	0
<NO VALU	<NO VALU	5	0	LOW	32.62	1.79	66.9	0
<NO VALU	<NO VALU	5	1	LOW	41	1.58	59	1
<NO VALU	<NO VALU	8	1	LOW	46.52	1.52	53	0
<NO VALU	<NO VALU	12	3	LOW	20.3	2.19	79.7	0
<NO VALU	<NO VALU	12	7	LOW	24.1	2.09	75.9	5
<NO VALU	<NO VALU	0	0	LOW	28.32	2.02	71.2	5
<NO VALU	<NO VALU	0	2	LOW	44.5	1.28	55.5	5
<NO VALU	<NO VALU	1	6	LOW	43.12	1.35	56.4	0
<NO VALU	<NO VALU	0	0	LOW	40.95	1.55	58.1	0
0	0	15	15	0	15	15	15	15
0	0	12	7	0	54.22	2.19	79.7	5
0	0	0	0	0	20.3	1.09	45.3	0
#DIV/0!	#DIV/0!	3.2	2.133333	#DIV/0!	38.92333	1.59	60.72667	1.733333

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	
5 1. OK	<NO VALU	<NO VALU	300842.6	204960.2	
5 1. OK	<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	
1 1. OK	<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	
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	
15	0	0	0		
5	0	0	0		
0	0	0	0		
1.733333	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (n Atm Press)	
BYPWM201	1/10/2017 8:24	54.7	27.2	0.7	17.4	0	977
BYPWM201	1/10/2017 8:28	54.4	27.8	0.1	17.7	-0.71	982
BYPWM201	2/3/2017 8:24	25.6	12.6	11	50.8	-0.37	961
BYPWM201	3/3/2017 8:24	69.4	29.3	0.3	1	1.23	961
BYPWM201	3/3/2017 8:26	69.6	29.3	0.2	0.9	-0.58	965
BYPWM201	4/21/2017 8:07	63.3	28	0.6	8.1	-0.54	995
BYPWM201	4/21/2017 8:09	60	27.6	0.2	12.2	-0.98	997
BYPWM201	5/12/2017 8:26	31.1	23.4	0	45.5	-1	961
BYPWM201	5/24/2017 8:49	29.7	17.7	5.5	47.1	-0.78	994
BYPWM201	6/2/2017 8:14	64.5	27.5	0.7	7.3	-0.04	984
BYPWM201	6/2/2017 8:16	68.4	28.7	0	2.9	-0.58	986
BYPWM201	7/4/2017 8:05	67.7	27.9	0.3	4.1	-0.43	985
BYPWM201	7/4/2017 8:07	65.2	27.7	0.1	7	-0.99	989
BYPWM201	8/4/2017 8:15	32.4	24.4	0.1	43.1	-1.34	977
BYPWM201	9/7/2017 9:58	31.7	21.2	3.2	43.9	-0.04	982
BYPWM201	10/4/2017 8:13	64.6	26.7	0.9	7.8	0.12	988
BYPWM201	10/4/2017 8:15	67.2	27.6	0.2	5	-0.79	993
BYPWM201	11/3/2017 8:40	66.2	28.2	0.1	5.5	-0.59	976
BYPWM201	11/3/2017 8:42	66.1	28.1	0.1	5.7	-0.82	977
BYPWM201	12/8/2017 12:54	38.9	24.2	0.7	36.2	-1.19	986
	Count	20	20	20	20	20	20
	Max	69.6	29.3	11	50.8	1.23	997
	Min	25.6	12.6	0	0.9	-1.34	961
	Ave	54.535	25.755	1.25	18.46	-0.521	980.8

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	14.77	2.01	81.9	0
<NO VALU	<NO VALU	0	1	LOW	17.32	1.96	82.2	5
<NO VALU	<NO VALU	2	0	LOW	9.44	2.03	38.2	5
<NO VALU	<NO VALU	4	0	LOW	0	2.37	98.7	0
<NO VALU	<NO VALU	5	0	LOW	0.15	2.38	98.9	5
<NO VALU	<NO VALU	0	2	LOW	5.84	2.26	91.3	5
<NO VALU	<NO VALU	0	2	LOW	11.45	2.17	87.6	10
<NO VALU	<NO VALU	2	6	LOW	45.5	1.33	54.5	10
<NO VALU	<NO VALU	4	0	LOW	26.42	1.68	47.4	5
<NO VALU	<NO VALU	6	4	LOW	4.67	2.35	92	0
<NO VALU	<NO VALU	7	7	LOW	2.9	2.38	97.1	5
<NO VALU	<NO VALU	7	2	LOW	2.97	2.43	95.6	5
<NO VALU	<NO VALU	7	2	LOW	6.62	2.35	92.9	10
<NO VALU	<NO VALU	6	6	LOW	42.72	1.33	56.8	10
<NO VALU	<NO VALU	0	0	LOW	31.87	1.5	52.9	5
<NO VALU	<NO VALU	9	1	LOW	4.42	2.42	91.3	0
<NO VALU	<NO VALU	9	1	LOW	4.25	2.43	94.8	5
<NO VALU	<NO VALU	2	9	LOW	5.12	2.35	94.4	5
<NO VALU	<NO VALU	2	11	LOW	5.32	2.35	94.2	10
<NO VALU	<NO VALU	1	0	LOW	33.57	1.61	63.1	10
0	0	20	20	0	20	20	20	20
0	0	9	11	0	45.5	2.43	98.9	10
0	0	0	0	0	0	1.33	38.2	0
#DIV/0!	#DIV/0!	3.65	2.75	#DIV/0!	13.766	2.0845	80.29	5.5

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
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
10 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
10 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
5 2. Rebalan		<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
10 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
10 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
5 2. Rebalan		<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
10 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
10 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
5 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
20	0	0	0		
10	0	0	0		
0	0	0	0		
5.75	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPWM202	1/10/2017 8:30	65.9	21.6	0.1	12.4	-0.27	982
BYPWM202	1/10/2017 8:32	65.8	21.7	0.1	12.4	-0.7	982
BYPWM202	2/3/2017 8:28	35.5	20.6	0.1	43.8	-0.1	963
BYPWM202	3/3/2017 8:28	54.7	21.1	0.3	23.9	0.75	965
BYPWM202	3/3/2017 8:30	54.8	21	0.3	23.9	-0.36	965
BYPWM202	4/21/2017 8:11	42.8	20.8	0.2	36.2	-0.59	997
BYPWM202	5/12/2017 8:29	57.9	20	0	22.1	-0.33	963
BYPWM202	5/24/2017 8:52	23.1	19.5	0	57.4	-0.7	996
BYPWM202	6/2/2017 8:19	53.3	20.4	0	26.3	-0.11	986
BYPWM202	6/2/2017 8:21	61.4	20.6	0	18	-0.58	986
BYPWM202	7/4/2017 8:10	60.9	20.1	0	19	-0.8	989
BYPWM202	8/4/2017 8:17	16.3	20.4	0	63.3	-1.09	979
BYPWM202	8/16/2017 8:59	56.3	20.9	0	22.8	-0.29	988
BYPWM202	8/16/2017 9:01	60.8	21	0	18.2	-0.68	988
BYPWM202	9/7/2017 10:49	28.4	20.2	0.1	51.3	-0.08	982
BYPWM202	10/4/2017 8:17	42.2	20.5	0.1	37.2	0	993
BYPWM202	10/4/2017 8:18	42.6	20.5	0.1	36.8	-0.49	992
BYPWM202	10/13/2017 9:00	53.1	20.1	0	26.8	-0.61	989
BYPWM202	11/3/2017 8:44	59	21.1	0.1	19.8	-0.18	977
BYPWM202	12/8/2017 12:59	50.1	20.6	0	29.3	-1	990
	Count	20	20	20	20	20	20
	Max	65.9	21.7	0.3	63.3	0.75	997
	Min	16.3	19.5	0	12.4	-1.09	963
	Ave	49.245	20.635	0.075	30.045	-0.4105	982.6

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	12.02	3.05	87.5	0
<NO VALU	<NO VALU	0	1	LOW	12.02	3.03	87.5	1
<NO VALU	<NO VALU	2	1	LOW	43.42	1.72	56.1	1
<NO VALU	<NO VALU	2	0	LOW	22.77	2.59	75.8	0
<NO VALU	<NO VALU	1	0	LOW	22.77	2.61	75.8	1
<NO VALU	<NO VALU	0	0	LOW	35.45	2.06	63.6	1
<NO VALU	<NO VALU	2	3	LOW	22.1	2.9	77.9	1
<NO VALU	<NO VALU	3	8	LOW	57.4	1.18	42.6	1
<NO VALU	<NO VALU	3	3	LOW	26.3	2.61	73.7	0
<NO VALU	<NO VALU	3	7	LOW	18	2.98	82	5
<NO VALU	<NO VALU	3	2	LOW	19	3.03	81	5
<NO VALU	<NO VALU	4	6	LOW	63.3	0.8	36.7	5
<NO VALU	<NO VALU	5	3	LOW	22.8	2.69	77.2	0
<NO VALU	<NO VALU	5	5	LOW	18.2	2.9	81.8	1
<NO VALU	<NO VALU	0	0	LOW	50.92	1.41	48.6	0
<NO VALU	<NO VALU	6	0	LOW	36.82	2.06	62.7	0
<NO VALU	<NO VALU	5	0	LOW	36.42	2.08	63.1	1
<NO VALU	<NO VALU	0	0	LOW	26.8	2.64	73.2	1
<NO VALU	<NO VALU	0	9	LOW	19.42	2.8	80.1	1
<NO VALU	<NO VALU	0	0	LOW	29.3	2.43	70.7	1
0	0	20	20	0	20	20	20	20
0	0	6	9	0	63.3	3.05	87.5	5
0	0	0	0	0	12.02	0.8	36.7	0
#DIV/0!	#DIV/0!	2.2	2.45	#DIV/0!	29.7615	2.3785	69.88	1.3

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
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
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
5 1. OK		<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
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
1 1. OK		<NO VALU	<NO VALU	300792.4	204892.9
1 1. OK		<NO VALU	<NO VALU	300792.4	204892.9
20	0	0	0		
5	0	0	0		
0	0	0	0		
1.4	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPWM203	1/10/2017 10:11	45.2	28.4	0.1	26.3	-0.67	978
BYPWM203	1/18/2017 11:38	47.2	26.2	0.1	26.5	-1.15	1002
BYPWM203	2/3/2017 10:33	48.9	28.2	0.1	22.8	-0.64	957
BYPWM203	3/3/2017 12:44	52.1	29	0.1	18.8	-0.14	957
BYPWM203	4/21/2017 10:12	42.7	32.8	0.1	24.4	-1.94	996
BYPWM203	5/12/2017 10:11	39.3	25.4	0	35.3	-1.61	960
BYPWM203	6/2/2017 10:29	47.9	29.3	0.1	22.7	0.01	981
BYPWM203	6/2/2017 10:31	48.3	29.3	0	22.4	-0.4	981
BYPWM203	7/4/2017 9:55	33.3	25.5	0	41.2	-1.07	985
BYPWM203	8/4/2017 10:51	50.3	23.5	0.1	26.1	-0.07	976
BYPWM203	8/4/2017 10:53	50.3	23.6	0	26.1	-2.44	976
BYPWM203	9/14/2017 12:22	41.8	25.2	0.3	32.7	-3.81	974
BYPWM203	10/4/2017 9:47	49.4	25.9	0	24.7	-1.12	988
BYPWM203	11/10/2017 11:57	43.2	26.3	0	30.5	-1.46	983
BYPWM203	12/12/2017 8:35	43.9	24.7	0.3	31.1	-3.63	976
	Count	15	15	15	15	15	15
	Max	52.1	32.8	0.3	41.2	0.01	1002
	Min	33.3	23.5	0	18.8	-3.81	957
	Ave	45.58667	26.88667	0.086667	27.44	-1.342667	978
	>3% O2			0			
	% > 3% O2			0			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart val
<NO VALU	<NO VALU	0	2 LOW	25.92	1.59	73.6	5	
<NO VALU	<NO VALU	0	4 LOW	26.12	1.8	73.4	5	
<NO VALU	<NO VALU	2	5 LOW	22.42	1.73	77.1	5	
<NO VALU	<NO VALU	5	6 LOW	18.42	1.8	81.1	1	
<NO VALU	<NO VALU	0	7 LOW	24.02	1.3	75.5	1	
<NO VALU	<NO VALU	2	12 LOW	35.3	1.55	64.7	1	
<NO VALU	<NO VALU	5	19 LOW	22.32	1.63	77.2	0	
<NO VALU	<NO VALU	6	20 LOW	22.4	1.65	77.6	5	
<NO VALU	<NO VALU	5	2 LOW	41.2	1.31	58.8	5	
<NO VALU	<NO VALU	10	7 LOW	25.72	2.14	73.8	0	
<NO VALU	<NO VALU	8	7 LOW	26.1	2.13	73.9	5	
<NO VALU	<NO VALU	0	1 LOW	31.57	1.66	67	5	
<NO VALU	<NO VALU	8	6 LOW	24.7	1.91	75.3	5	
<NO VALU	<NO VALU	4	21 LOW	30.5	1.64	69.5	5	
<NO VALU	<NO VALU	0	1 LOW	29.97	1.78	68.6	5	
0	0	15	15	0	15	15	15	
0	0	10	21	0	41.2	2.14	81.1	5
0	0	0	1	0	18.42	1.3	58.8	0
#DIV/0!	#DIV/0!	3.666667	8	#DIV/0!	27.112	1.708	72.47333	3.533333

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
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
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
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
5 1. OK	<NO VALU	<NO VALU	300837.3	204916.9
5 1. OK	<NO VALU	<NO VALU	300837.3	204916.9
15	0	0	0	
5	0	0	0	
0	0	0	0	
3.8	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Macuum (rr Atm Pressu	
BYPWM204	1/10/2017 10:14	43.3	27.6	0.1	29	-1.31	978
BYPWM204	2/3/2017 10:37	46.9	26.8	0.5	25.8	-0.12	957
BYPWM204	3/3/2017 9:55	44.5	26.8	0	28.7	-0.16	959
BYPWM204	4/21/2017 10:16	24.9	22.9	1.3	50.9	-3.07	996
BYPWM204	5/12/2017 10:14	26.3	21.9	1.5	50.3	-0.03	959
BYPWM204	6/2/2017 10:34	44.8	27.4	0.1	27.7	-0.01	981
BYPWM204	6/2/2017 10:36	44.7	27.5	0	27.8	-3.82	981
BYPWM204	7/4/2017 10:04	41.9	26.1	0	32	-4.07	985
BYPWM204	8/4/2017 9:21	41.6	27	0	31.4	-4.88	975
BYPWM204	9/7/2017 14:50	50.9	24.9	0.5	23.7	0.1	975
BYPWM204	10/4/2017 9:51	43.3	25.8	0	30.9	-1.66	988
BYPWM204	11/3/2017 10:02	40.3	25.9	0.1	33.7	-1.11	974
BYPWM204	12/8/2017 13:54	44.5	25.3	0.1	30.1	-5.35	984
	Count	13	13	13	13	13	13
	Max	50.9	27.6	1.5	50.9	0.1	996
	Min	24.9	21.9	0	23.7	-5.35	957
	Ave	41.37692	25.83846	0.323077	32.46154	-1.960769	976.3077

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	1	LOW	28.62	1.57	70.9	1
<NO VALU	<NO VALU	2	2	LOW	23.92	1.75	73.7	1
<NO VALU	<NO VALU	1	2	LOW	28.7	1.66	71.3	1
<NO VALU	<NO VALU	0	7	LOW	46.01	1.09	47.8	1
<NO VALU	<NO VALU	1	5	LOW	44.66	1.2	48.2	0
<NO VALU	<NO VALU	5	7	LOW	27.32	1.64	72.2	0
<NO VALU	<NO VALU	5	8	LOW	27.8	1.63	72.2	5
<NO VALU	<NO VALU	6	7	LOW	32	1.61	68	5
<NO VALU	<NO VALU	9	7	LOW	31.4	1.54	68.6	5
<NO VALU	<NO VALU	1	0	LOW	21.82	2.04	75.8	5
<NO VALU	<NO VALU	7	4	LOW	30.9	1.68	69.1	5
<NO VALU	<NO VALU	1	1	LOW	33.32	1.56	66.2	5
<NO VALU	<NO VALU	1	0	LOW	29.72	1.76	69.8	5
0	0	13	13	0	13	13	13	13
0	0	9	8	0	46.01	2.04	75.8	5
0	0	0	0	0	21.82	1.09	47.8	0
#DIV/0!	#DIV/0!	3	3.923077	#DIV/0!	31.24538	1.594615	67.21538	3

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
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
0 2. Rebalan		<NO VALU	<NO VALU	300879.7	204921.5
0 2. Rebalan		<NO VALU	<NO VALU	300879.7	204921.5
5 1. OK		<NO VALU	<NO VALU	300879.7	204921.5
5 1. OK		<NO VALU	<NO VALU	300879.7	204921.5
5 1. OK		<NO VALU	<NO VALU	300879.7	204921.5
5 1. OK		<NO VALU	<NO VALU	300879.7	204921.5
5 1. OK		<NO VALU	<NO VALU	300879.7	204921.5
5 2. Rebalan		<NO VALU	<NO VALU	300879.7	204921.5
5 1. OK		<NO VALU	<NO VALU	300879.7	204921.5
1 2. Rebalan		<NO VALU	<NO VALU	300879.7	204921.5
13	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	Macuum (rr Atm Pressu	
BYPWM206	1/10/2017 8:40	34.8	16.4	4.9	43.9	0.03	982
BYPWM206	2/3/2017 8:30	9.8	4.6	16.2	69.4	-0.1	963
BYPWM206	3/3/2017 8:35	27.4	14.6	4.8	53.2	0.92	965
BYPWM206	4/21/2017 8:17	12.1	11.3	6.1	70.5	-0.36	997
BYPWM206	5/12/2017 8:38	35.9	16.3	4.4	43.4	-0.17	963
BYPWM206	5/24/2017 8:54	17.2	7.7	12.2	62.9	-0.13	996
BYPWM206	6/2/2017 8:25	8.5	4	16.1	71.4	0	986
BYPWM206	7/4/2017 8:13	2.2	0.8	19.9	77.1	0.05	989
BYPWM206	8/4/2017 8:20	1.1	0.7	19.8	78.4	-0.28	979
BYPWM206	9/7/2017 10:52	2.1	1.7	18.9	77.3	0.12	982
BYPWM206	10/4/2017 8:32	0.9	0.5	20.6	78	0.05	992
BYPWM206	11/3/2017 8:49	2.9	1.9	19.2	76	-0.01	977
BYPWM206	12/8/2017 13:02	3.5	2.2	18.4	75.9	0	990
	Count	13	13	13	13	13	13
	Max	35.9	16.4	20.6	78.4	0.92	997
	Min	0.9	0.5	4.4	43.4	-0.36	963
	Ave	12.18462	6.361538	13.96154	67.49231	0.009231	981.6154
	>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	25.48	2.12	51.2	0
<NO VALU	<NO VALU	1	0	LOW	8.49	2.13	14.4	0
<NO VALU	<NO VALU	1	0	LOW	35.15	1.88	42	0
<NO VALU	<NO VALU	6	0	LOW	47.56	1.07	23.4	0
<NO VALU	<NO VALU	2	2	LOW	26.86	2.2	52.2	0
<NO VALU	<NO VALU	2	0	LOW	17.03	2.23	24.9	0
<NO VALU	<NO VALU	3	0	LOW	10.86	2.13	12.5	0
<NO VALU	<NO VALU	0	0	LOW	2.28	2.75	3	0
<NO VALU	<NO VALU	4	0	LOW	3.95	1.57	1.8	0
<NO VALU	<NO VALU	1	0	LOW	6.24	1.24	3.8	0
<NO VALU	<NO VALU	2	0	LOW	0.54	1.8	1.4	0
<NO VALU	<NO VALU	2	0	LOW	3.81	1.53	4.8	0
<NO VALU	<NO VALU	1	0	LOW	6.72	1.59	5.7	0
0	0	13	13	0	13	13	13	13
0	0	6	2	0	47.56	2.75	52.2	0
0	0	0	0	0	0.54	1.07	1.4	0
#DIV/0!	#DIV/0!	1.923077	0.153846	#DIV/0!	14.99769	1.864615	18.54615	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
13	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	Macuum (rr Atm Pressu	
BYPWM207	1/10/2017 8:35	46	21.7	0.1	32.2	-0.78	982
BYPWM207	2/3/2017 8:32	56.6	21.3	0.1	22	-0.56	963
BYPWM207	2/3/2017 8:34	56.7	21.3	0.1	21.9	-1.04	963
BYPWM207	3/3/2017 8:37	58.4	20.7	0.2	20.7	-2.82	965
BYPWM207	4/21/2017 8:23	45	19.7	1.4	33.9	-7.41	998
BYPWM207	5/12/2017 8:42	49.9	21.7	1.4	27	-27.54	963
BYPWM207	5/24/2017 8:59	46.1	24.9	0.9	28.1	-15.39	996
BYPWM207	6/2/2017 8:28	53.7	24.4	0.7	21.2	-9.92	986
BYPWM207	7/4/2017 8:23	42.8	21.2	1	35	-17.96	989
BYPWM207	8/4/2017 8:25	35	23	1.7	40.3	-14.56	979
BYPWM207	8/16/2017 9:12	38.4	18.5	2.9	40.2	0.24	988
BYPWM207	9/7/2017 10:54	30.9	14.2	7	47.9	21.63	982
BYPWM207	10/4/2017 8:24	47.4	23.1	1.9	27.6	0.02	992
BYPWM207	10/4/2017 8:28	48	23.6	1.5	26.9	-16.38	992
BYPWM207	10/13/2017 9:05	51.2	24.6	1.1	23.1	-22.62	989
BYPWM207	11/3/2017 8:46	37.4	22	0.1	40.5	-1.31	977
BYPWM207	12/8/2017 13:04	37.5	20.2	0.4	41.9	-1.25	990
Count		17	17	17	17	17	17
Max		58.4	24.9	7	47.9	21.63	998
Min		30.9	14.2	0.1	20.7	-27.54	963
Ave		45.94118	21.53529	1.323529	31.2	-6.920588	982

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart val
<NO VALU	<NO VALU	0	3	LOW	31.82	2.12	67.7	1
<NO VALU	<NO VALU	2	4	LOW	21.62	2.66	77.9	1
<NO VALU	<NO VALU	2	4	LOW	21.52	2.66	78	5
<NO VALU	<NO VALU	0	0	LOW	19.95	2.82	79.1	5
<NO VALU	<NO VALU	0	3	LOW	28.64	2.28	64.7	5
<NO VALU	<NO VALU	3	4	LOW	21.74	2.3	71.6	5
<NO VALU	<NO VALU	5	14	LOW	24.72	1.85	71	5
<NO VALU	<NO VALU	5	3	LOW	18.57	2.2	78.1	5
<NO VALU	<NO VALU	4	3	LOW	31.24	2.02	64	5
<NO VALU	<NO VALU	7	3	LOW	33.91	1.52	58	5
<NO VALU	<NO VALU	7	2	LOW	29.3	2.08	56.9	0
<NO VALU	<NO VALU	5	0	LOW	21.58	2.18	45.1	0
<NO VALU	<NO VALU	9	1	LOW	20.46	2.05	70.5	0
<NO VALU	<NO VALU	8	1	LOW	21.26	2.03	71.6	20
<NO VALU	<NO VALU	1	0	LOW	18.96	2.08	75.8	20
<NO VALU	<NO VALU	1	7	LOW	40.12	1.7	59.4	20
<NO VALU	<NO VALU	0	0	LOW	40.4	1.86	57.7	10
0	0	17	17	0	17	17	17	17
0	0	9	14	0	40.4	2.82	79.1	20
0	0	0	0	0	18.57	1.52	45.1	0
#DIV/0!	#DIV/0!	3.470588	3.058824	#DIV/0!	26.22412	2.141765	67.47647	6.588235

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
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
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
0 2. Rebalan		<NO VALU	<NO VALU	300825.9	204861.1
0 2. Rebalan		<NO VALU	<NO VALU	300825.9	204861.1
0 2. Rebalan		<NO VALU	<NO VALU	300825.9	204861.1
20 1. OK		<NO VALU	<NO VALU	300825.9	204861.1
20 1. OK		<NO VALU	<NO VALU	300825.9	204861.1
20 1. OK		<NO VALU	<NO VALU	300825.9	204861.1
10 2. Rebalan		<NO VALU	<NO VALU	300825.9	204861.1
5 2. Rebalan		<NO VALU	<NO VALU	300825.9	204861.1
17	0	0	0		
20	0	0	0		
0	0	0	0		
6.823529	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPWM208	1/10/2017 8:43	49.4	24.5	0.7	25.4	-37.44	982
BYPWM208	2/3/2017 8:38	54.1	22.4	1	22.5	-10.21	963
BYPWM208	3/3/2017 8:40	47.5	23	0.2	29.3	-29.88	965
BYPWM208	4/21/2017 8:28	42	21.2	0.6	36.2	-32.53	998
BYPWM208	5/12/2017 8:48	49.3	24	0.9	25.8	-28.56	963
BYPWM208	5/24/2017 9:02	49.2	26.2	0.1	24.5	-18.8	996
BYPWM208	6/2/2017 8:30	55.7	24.8	0.3	19.2	-9.94	986
BYPWM208	7/4/2017 8:25	44.7	22.1	0.1	33.1	-17.61	990
BYPWM208	8/4/2017 8:29	35.9	24.5	0	39.6	-13.12	979
BYPWM208	8/16/2017 9:15	42.5	22.8	0	34.7	-29.02	987
BYPWM208	9/7/2017 10:57	45.3	25.2	0.3	29.2	-11.47	982
BYPWM208	10/4/2017 8:36	46.5	25.2	0.9	27.4	-14.27	992
BYPWM208	10/13/2017 9:11	48.5	25.8	0.1	25.6	-18.9	989
BYPWM208	11/3/2017 8:52	46.9	23.3	0.2	29.6	-10.25	977
BYPWM208	12/8/2017 13:06	50.6	26.7	0.3	22.4	-2.84	990
	Count	15	15	15	15	15	15
	Max	55.7	26.7	1	39.6	-2.84	998
	Min	35.9	21.2	0	19.2	-37.44	963
	Ave	47.20667	24.11333	0.38	28.3	-18.98933	982.6

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart val
<NO VALU	<NO VALU	0	2	LOW	22.77	2.02	73.9	5
<NO VALU	<NO VALU	2	3	LOW	18.74	2.42	76.5	5
<NO VALU	<NO VALU	1	0	LOW	28.55	2.07	70.5	5
<NO VALU	<NO VALU	0	1	LOW	33.94	1.98	63.2	5
<NO VALU	<NO VALU	3	6	LOW	22.42	2.05	73.3	5
<NO VALU	<NO VALU	6	10	LOW	24.12	1.88	75.4	5
<NO VALU	<NO VALU	5	4	LOW	18.07	2.25	80.5	5
<NO VALU	<NO VALU	4	3	LOW	32.72	2.02	66.8	5
<NO VALU	<NO VALU	7	5	LOW	39.6	1.47	60.4	5
<NO VALU	<NO VALU	7	4	LOW	34.7	1.86	65.3	0
<NO VALU	<NO VALU	3	0	LOW	28.07	1.8	70.5	5
<NO VALU	<NO VALU	7	3	LOW	24.02	1.85	71.7	5
<NO VALU	<NO VALU	0	0	LOW	25.22	1.88	74.3	5
<NO VALU	<NO VALU	1	3	LOW	28.85	2.01	70.2	5
<NO VALU	<NO VALU	1	0	LOW	21.27	1.9	77.3	5
0	0	15	15	0	15	15	15	15
0	0	7	10	0	39.6	2.42	80.5	5
0	0	0	0	0	18.07	1.47	60.4	0
#DIV/0!	#DIV/0!	3.133333	2.933333	#DIV/0!	26.87067	1.964	71.32	4.666667

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 1. OK		<NO VALU	<NO VALU	300869	204873.3
5 1. OK		<NO VALU	<NO VALU	300869	204873.3
5 1. OK		<NO VALU	<NO VALU	300869	204873.3
5 1. OK		<NO VALU	<NO VALU	300869	204873.3
5 1. OK		<NO VALU	<NO VALU	300869	204873.3
5 1. OK		<NO VALU	<NO VALU	300869	204873.3
5 1. OK		<NO VALU	<NO VALU	300869	204873.3
5 1. OK		<NO VALU	<NO VALU	300869	204873.3
0 2. Rebalan		<NO VALU	<NO VALU	300869	204873.3
20 1. OK		<NO VALU	<NO VALU	300869	204873.3
5 1. OK		<NO VALU	<NO VALU	300869	204873.3
5 1. OK		<NO VALU	<NO VALU	300869	204873.3
5 1. OK		<NO VALU	<NO VALU	300869	204873.3
5 2. Rebalan		<NO VALU	<NO VALU	300869	204873.3
5 1. OK		<NO VALU	<NO VALU	300869	204873.3
15	0	0	0		
20	0	0	0		
0	0	0	0		
5.666667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressi	
BYPWM210	1/10/2017 8:45	54.7	18.4	0.1	26.8	-2.05	982
BYPWM210	2/3/2017 8:51	68.5	17.5	0.1	13.9	-1.04	962
BYPWM210	2/3/2017 8:53	70.4	17.6	0	12	-1.54	962
BYPWM210	3/3/2017 8:49	52.5	17.2	0.9	29.4	-1.37	964
BYPWM210	4/21/2017 8:32	46.9	17.6	0.1	35.4	-0.82	999
BYPWM210	5/12/2017 8:54	50.8	17.4	0.1	31.7	-0.87	963
BYPWM210	5/24/2017 9:04	51.2	16.8	0	32	-1.15	996
BYPWM210	6/2/2017 8:34	69	17.1	0	13.9	-0.57	986
BYPWM210	6/2/2017 8:36	69.1	17.1	0	13.8	-1.47	985
BYPWM210	7/4/2017 8:29	47.1	17.1	0	35.8	-1.1	989
BYPWM210	8/4/2017 8:33	45.4	17.8	0	36.8	-1.09	979
BYPWM210	9/7/2017 11:01	58.8	17.1	0.1	24	-0.03	982
BYPWM210	10/4/2017 8:40	44.6	17.6	0	37.8	-1.19	992
BYPWM210	11/3/2017 9:03	40.3	18.5	0	41.2	-0.92	978
BYPWM210	12/8/2017 13:11	40.8	17.7	0.1	41.4	-1.15	990
	Count	15	15	15	15	15	15
	Max	70.4	18.5	0.9	41.4	-0.03	999
	Min	40.3	16.8	0	12	-2.05	962
	Ave	54.00667	17.5	0.1	28.39333	-1.090667	980.6

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart val
<NO VALU	<NO VALU	0	1	LOW	26.42	2.97	73.1	5
<NO VALU	<NO VALU	3	1	LOW	13.52	3.91	86	5
<NO VALU	<NO VALU	3	1	LOW	12	4	88	10
<NO VALU	<NO VALU	1	0	LOW	26.02	3.05	69.7	10
<NO VALU	<NO VALU	0	7	LOW	35.02	2.66	64.5	10
<NO VALU	<NO VALU	3	1	LOW	31.32	2.92	68.2	10
<NO VALU	<NO VALU	4	7	LOW	32	3.05	68	10
<NO VALU	<NO VALU	4	7	LOW	13.9	4.04	86.1	10
<NO VALU	<NO VALU	4	7	LOW	13.8	4.04	86.2	15
<NO VALU	<NO VALU	4	5	LOW	35.8	2.75	64.2	15
<NO VALU	<NO VALU	7	6	LOW	36.8	2.55	63.2	15
<NO VALU	<NO VALU	3	0	LOW	23.62	3.44	75.9	15
<NO VALU	<NO VALU	6	3	LOW	37.8	2.53	62.2	15
<NO VALU	<NO VALU	1	9	LOW	41.2	2.18	58.8	15
<NO VALU	<NO VALU	1	0	LOW	41.02	2.31	58.5	10
0	0	15	15	0	15	15	15	15
0	0	7	9	0	41.2	4.04	88	15
0	0	0	0	0	12	2.18	58.5	5
#DIV/0!	#DIV/0!	2.933333	3.666667	#DIV/0!	28.016	3.093333	71.50667	11.33333

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 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
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
15 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
15 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
15 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
15 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
15 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
15 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
10 2. Rebalan		<NO VALU	<NO VALU	300781.7	204797.3
5 2. Rebalan		<NO VALU	<NO VALU	300781.7	204797.3
15	0	0	0		
15	0	0	0		
5	0	0	0		
11.33333	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPWM211	1/10/2017 8:49	48.8	23.5	0.4	27.3	0.15	982
BYPWM211	1/10/2017 8:52	48.8	23.5	0.4	27.3	-1.46	982
BYPWM211	2/3/2017 9:00	42.9	22.3	0.6	34.2	-0.64	962
BYPWM211	3/3/2017 8:53	51	23.2	0.1	25.7	-0.6	964
BYPWM211	4/21/2017 8:35	3.1	2.5	17.9	76.5	-1.09	999
BYPWM211	5/12/2017 8:58	14.2	6.5	15	64.3	0.24	963
BYPWM211	5/24/2017 9:07	22.9	11.8	8.6	56.7	-0.04	996
BYPWM211	6/2/2017 8:40	24.7	11.7	8.9	54.7	-0.18	985
BYPWM211	7/4/2017 8:31	17.8	7.4	13.6	61.2	0.14	989
BYPWM211	8/4/2017 8:38	42.9	21.2	0.1	35.8	-0.2	979
BYPWM211	8/4/2017 8:40	42.8	21.3	0	35.9	-2.42	979
BYPWM211	9/7/2017 11:04	27.9	19.8	1	51.3	-0.32	982
BYPWM211	10/4/2017 8:44	31.6	18.7	2	47.7	0.04	992
BYPWM211	11/3/2017 9:05	38.7	21	0.8	39.5	-0.09	978
BYPWM211	11/3/2017 9:07	38.6	20.9	0.9	39.6	-0.7	978
BYPWM211	12/8/2017 13:13	26.5	21.5	0.4	51.6	-1.21	990
	Count	16	16	16	16	16	16
	Max	51	23.5	17.9	76.5	0.24	999
	Min	3.1	2.5	0	25.7	-2.42	962
	Ave	32.7	17.3	4.41875	45.58125	-0.52375	981.25
	>3% O2			5			
	% > 3% O2			31.25			

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	25.8	2.08	72.3	0
<NO VALU	<NO VALU	0	0	LOW	25.8	2.08	72.3	5
<NO VALU	<NO VALU	2	0	LOW	31.94	1.92	65.2	5
<NO VALU	<NO VALU	3	0	LOW	25.32	2.2	74.2	5
<NO VALU	<NO VALU	0	0	LOW	9.2	1.24	5.6	5
<NO VALU	<NO VALU	1	0	LOW	7.9	2.18	20.7	0
<NO VALU	<NO VALU	3	0	LOW	24.36	1.94	34.7	0
<NO VALU	<NO VALU	2	0	LOW	21.24	2.11	36.4	0
<NO VALU	<NO VALU	3	0	LOW	10.06	2.41	25.2	0
<NO VALU	<NO VALU	7	1	LOW	35.42	2.02	64.1	0
<NO VALU	<NO VALU	1	1	LOW	35.9	2.01	64.1	10
<NO VALU	<NO VALU	1	0	LOW	47.54	1.41	47.7	0
<NO VALU	<NO VALU	6	0	LOW	40.18	1.69	50.3	0
<NO VALU	<NO VALU	1	0	LOW	36.49	1.84	59.7	0
<NO VALU	<NO VALU	1	0	LOW	36.22	1.85	59.5	1
<NO VALU	<NO VALU	1	0	LOW	50.1	1.23	48	1
0	0	16	16	0	16	16	16	16
0	0	7	1	0	50.1	2.41	74.2	10
0	0	0	0	0	7.9	1.23	5.6	0
#DIV/0!	#DIV/0!	2	0.125	#DIV/0!	28.96688	1.888125	50	2

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
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
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
0 2. Rebalan		<NO VALU	<NO VALU	300825.9	204809.1
10 1. OK		<NO VALU	<NO VALU	300825.9	204809.1
10 1. OK		<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
1 1. OK		<NO VALU	<NO VALU	300825.9	204809.1
1 1. OK		<NO VALU	<NO VALU	300825.9	204809.1
0 2. Rebalan		<NO VALU	<NO VALU	300825.9	204809.1
16	0	0	0		
10	0	0	0		
0	0	0	0		
2.625	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Macuum (rr Atm Pressu	
BYPWM212	1/18/2017 8:47	56.2	28.9	0.1	14.8	-1.8	1006
BYPWM212	2/3/2017 8:40	64.7	31.5	0	3.8	-1.04	963
BYPWM212	2/3/2017 8:43	65	31.4	0	3.6	-1.26	963
BYPWM212	3/3/2017 8:42	64.2	31	0	4.8	-0.57	964
BYPWM212	3/3/2017 8:44	57.2	29.6	0	13.2	-1.38	964
BYPWM212	4/21/2017 8:30	42.8	27.9	0	29.3	-3.33	998
BYPWM212	5/12/2017 8:50	49.7	27.9	0	22.4	-2	963
BYPWM212	5/24/2017 9:09	47.1	26.3	0	26.6	-2.6	996
BYPWM212	6/2/2017 8:32	56.3	29.1	0	14.6	-1.1	986
BYPWM212	7/4/2017 8:27	46.4	26.6	0	27	-2.69	989
BYPWM212	8/4/2017 8:31	49	27.4	0	23.6	-3.49	979
BYPWM212	9/7/2017 10:59	51.9	27.6	0.1	20.4	-1.58	982
BYPWM212	10/6/2017 13:55	46.4	25.9	0.1	27.6	-1.8	991
BYPWM212	11/3/2017 8:54	58	29.8	0.1	12.1	-1.55	978
BYPWM212	11/3/2017 8:56	57.7	29.7	0	12.6	-1.8	978
BYPWM212	12/8/2017 13:08	58	28.9	0.2	12.9	-2.1	990
	Count	16	16	16	16	16	16
	Max	65	31.5	0.2	29.3	-0.57	1006
	Min	42.8	25.9	0	3.6	-3.49	963
	Ave	54.4125	28.71875	0.0375	16.83125	-1.880625	980.625

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	7	LOW	14.42	1.94	85.1	10
<NO VALU	<NO VALU	5	8	LOW	3.8	2.05	96.2	10
<NO VALU	<NO VALU	5	8	LOW	3.6	2.07	96.4	15
<NO VALU	<NO VALU	4	6	LOW	4.8	2.07	95.2	15
<NO VALU	<NO VALU	4	7	LOW	13.2	1.93	86.8	20
<NO VALU	<NO VALU	0	22	LOW	29.3	1.53	70.7	20
<NO VALU	<NO VALU	4	24	LOW	22.4	1.78	77.6	10
<NO VALU	<NO VALU	5	25	LOW	26.6	1.79	73.4	10
<NO VALU	<NO VALU	6	26	LOW	14.6	1.93	85.4	10
<NO VALU	<NO VALU	5	15	LOW	27	1.74	73	10
<NO VALU	<NO VALU	8	15	LOW	23.6	1.79	76.4	10
<NO VALU	<NO VALU	0	0	LOW	20.02	1.88	79.5	10
<NO VALU	<NO VALU	13	10	LOW	27.22	1.79	72.3	10
<NO VALU	<NO VALU	2	33	LOW	11.72	1.95	87.8	10
<NO VALU	<NO VALU	2	35	LOW	12.6	1.94	87.4	20
<NO VALU	<NO VALU	1	0	LOW	12.15	2.01	86.9	20
0	0	16	16	0	16	16	16	16
0	0	13	35	0	29.3	2.07	96.4	20
0	0	0	0	0	3.6	1.53	70.7	10
#DIV/0!	#DIV/0!	4	15.0625	#DIV/0!	16.68938	1.886875	83.13125	13.125

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
10 1. OK		<NO VALU	<NO VALU	300861.8 204828.1
15 1. OK		<NO VALU	<NO VALU	300861.8 204828.1
15 1. OK		<NO VALU	<NO VALU	300861.8 204828.1
20 1. OK		<NO VALU	<NO VALU	300861.8 204828.1
20 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
20 1. OK		<NO VALU	<NO VALU	300861.8 204828.1
20 1. OK		<NO VALU	<NO VALU	300861.8 204828.1
16	0	0	0	
20	0	0	0	
10	0	0	0	
13.75	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0002	1/10/2017 9:15	52.1	26.7	0.1	21.1	-5.14	980
BYPW0002	2/3/2017 9:39	49.1	26.5	0.1	24.3	-3.55	959
BYPW0002	3/3/2017 12:47	49.3	26.1	0	24.6	-2.74	957
BYPW0002	4/21/2017 9:03	37.9	24.2	0.1	37.8	-6.79	998
BYPW0002	5/12/2017 9:23	46.7	24.8	0	28.5	-2.22	961
BYPW0002	6/2/2017 9:11	74.5	27	0.1	0	-0.59	984
BYPW0002	6/2/2017 9:12	74.6	27.1	0	0	-0.59	982
BYPW0002	7/4/2017 8:49	57.5	25.6	0	16.9	-1.12	988
BYPW0002	8/4/2017 9:34	34.9	23.8	0	41.3	-8.52	977
BYPW0002	8/16/2017 8:33	74.2	26.9	0	0	-1.34	985
BYPW0002	8/16/2017 8:35	74.3	26.9	0	0	-2.45	985
BYPW0002	9/7/2017 15:11	41.7	24.2	0.1	34	-1.08	974
BYPW0002	10/4/2017 9:03	40.7	24.3	0	35	-2.98	990
BYPW0002	11/10/2017 11:05	64.6	26.5	0	8.9	-2.84	985
BYPW0002	11/10/2017 11:07	62.6	26.3	0	11.1	-3.89	984
BYPW0002	12/12/2017 8:48	38.9	24.7	0.1	36.3	-5.14	978
	Count	16	16	16	16	16	16
	Max	74.6	27.1	0.1	41.3	-0.59	998
	Min	34.9	23.8	0	0	-8.52	957
	Ave	54.6	25.725	0.0375	19.9875	-3.18625	979.1875

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	20.72	1.95	78.8	5	
<NO VALU	<NO VALU	1	3 LOW	23.92	1.85	75.6	5	
<NO VALU	<NO VALU	3	2 LOW	24.6	1.89	75.4	5	
<NO VALU	<NO VALU	0	6 LOW	37.42	1.57	62.1	5	
<NO VALU	<NO VALU	1	5 LOW	28.5	1.88	71.5	1	
<NO VALU	<NO VALU	3	9 LOW	0	2.76	101.5	1	
<NO VALU	<NO VALU	4	8 LOW	0	2.75	101.7	5	
<NO VALU	<NO VALU	3	4 LOW	16.9	2.25	83.1	5	
<NO VALU	<NO VALU	4	3 LOW	41.3	1.47	58.7	5	
<NO VALU	<NO VALU	7	5 LOW	0	2.76	101.1	1	
<NO VALU	<NO VALU	7	5 LOW	0	2.76	101.2	5	
<NO VALU	<NO VALU	0	0 LOW	33.62	1.72	65.9	5	
<NO VALU	<NO VALU	3	3 LOW	35	1.67	65	5	
<NO VALU	<NO VALU	4	14 LOW	8.9	2.44	91.1	1	
<NO VALU	<NO VALU	4	14 LOW	11.1	2.38	88.9	5	
<NO VALU	<NO VALU	0	0 LOW	35.92	1.57	63.6	5	
0	0	16	16	0	16	16	16	
0	0	7	14	0	41.3	2.76	101.7	5
0	0	0	0	0	0	1.47	58.7	1
#DIV/0!	#DIV/0!	2.75	5.125	#DIV/0!	19.86875	2.104375	80.325	4

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
1 1. OK		<NO VALU	<NO VALU	300848.9 204740
1 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
1 2. Rebalan		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
1 2. Rebalan		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
1 1. OK		<NO VALU	<NO VALU	300848.9 204740
16	0	0	0	
5	0	0	0	
1	0	0	0	
3.75	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Press)	
BYPW0002	1/10/2017 9:15	52.1	26.7	0.1	21.1	-5.14	980
BYPW0002	2/3/2017 9:39	49.1	26.5	0.1	24.3	-3.55	959
BYPW0002	3/3/2017 12:47	49.3	26.1	0	24.6	-2.74	957
BYPW0002	4/21/2017 9:03	37.9	24.2	0.1	37.8	-6.79	998
BYPW0002	5/12/2017 9:23	46.7	24.8	0	28.5	-2.22	961
BYPW0002	6/2/2017 9:11	74.5	27	0.1	0	-0.59	984
BYPW0002	6/2/2017 9:12	74.6	27.1	0	0	-0.59	982
BYPW0002	7/4/2017 8:49	57.5	25.6	0	16.9	-1.12	988
BYPW0002	8/4/2017 9:34	34.9	23.8	0	41.3	-8.52	977
BYPW0002	8/16/2017 8:33	74.2	26.9	0	0	-1.34	985
BYPW0002	8/16/2017 8:35	74.3	26.9	0	0	-2.45	985
BYPW0002	9/7/2017 15:11	41.7	24.2	0.1	34	-1.08	974
BYPW0002	10/4/2017 9:03	40.7	24.3	0	35	-2.98	990
BYPW0002	11/10/2017 11:05	64.6	26.5	0	8.9	-2.84	985
BYPW0002	11/10/2017 11:07	62.6	26.3	0	11.1	-3.89	984
BYPW0002	12/12/2017 8:48	38.9	24.7	0.1	36.3	-5.14	978
	Count	16	16	16	16	16	16
	Max	74.6	27.1	0.1	41.3	-0.59	998
	Min	34.9	23.8	0	0	-8.52	957
	Ave	54.6	25.725	0.0375	19.9875	-3.18625	979.1875

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	20.72	1.95	78.8	5	
<NO VALU	<NO VALU	1	3 LOW	23.92	1.85	75.6	5	
<NO VALU	<NO VALU	3	2 LOW	24.6	1.89	75.4	5	
<NO VALU	<NO VALU	0	6 LOW	37.42	1.57	62.1	5	
<NO VALU	<NO VALU	1	5 LOW	28.5	1.88	71.5	1	
<NO VALU	<NO VALU	3	9 LOW	0	2.76	101.5	1	
<NO VALU	<NO VALU	4	8 LOW	0	2.75	101.7	5	
<NO VALU	<NO VALU	3	4 LOW	16.9	2.25	83.1	5	
<NO VALU	<NO VALU	4	3 LOW	41.3	1.47	58.7	5	
<NO VALU	<NO VALU	7	5 LOW	0	2.76	101.1	1	
<NO VALU	<NO VALU	7	5 LOW	0	2.76	101.2	5	
<NO VALU	<NO VALU	0	0 LOW	33.62	1.72	65.9	5	
<NO VALU	<NO VALU	3	3 LOW	35	1.67	65	5	
<NO VALU	<NO VALU	4	14 LOW	8.9	2.44	91.1	1	
<NO VALU	<NO VALU	4	14 LOW	11.1	2.38	88.9	5	
<NO VALU	<NO VALU	0	0 LOW	35.92	1.57	63.6	5	
0	0	16	16	0	16	16	16	
0	0	7	14	0	41.3	2.76	101.7	5
0	0	0	0	0	0	1.47	58.7	1
#DIV/0!	#DIV/0!	2.75	5.125	#DIV/0!	19.86875	2.104375	80.325	4

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
1 1. OK		<NO VALU	<NO VALU	300848.9 204740
1 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
1 2. Rebalan		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
1 2. Rebalan		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
5 1. OK		<NO VALU	<NO VALU	300848.9 204740
1 1. OK		<NO VALU	<NO VALU	300848.9 204740
16	0	0	0	
5	0	0	0	
1	0	0	0	
3.75	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (r
BYPW0003	1/10/2017 9:26	64.6	30.1	0	5.3	-3.34
BYPW0003	2/3/2017 9:41	46.9	28.1	0.1	24.9	-3.45
BYPW0003	3/3/2017 12:58	43.9	27.2	0.1	28.8	-1.71
BYPW0003	4/21/2017 9:06	55.5	31.3	0.5	12.7	-1.35
BYPW0003	5/12/2017 9:28	40.4	27	0.1	32.5	-8.48
BYPW0003	6/2/2017 9:17	58.3	28.8	0.8	12.1	-0.07
BYPW0003	6/2/2017 9:19	61.5	30.3	0	8.2	-2.11
BYPW0003	7/4/2017 9:02	49.5	26.8	0	23.7	-2.92
BYPW0003	8/4/2017 9:45	50.7	28.2	0	21.1	-4.67
BYPW0003	9/7/2017 15:20	45.8	26.9	0	27.3	-1.19
BYPW0003	10/4/2017 9:08	44.5	26.6	0	28.9	-3.79
BYPW0003	11/10/2017 11:09	52.5	27.8	0	19.7	-1.83
BYPW0003	12/12/2017 8:56	46.5	27.3	0	26.2	-6.25
	Count	13	13	13	13	13
	Max	64.6	31.3	0.8	32.5	-0.07
	Min	40.4	26.6	0	5.3	-8.48
	Ave	50.81538	28.18462	0.123077	20.87692	-3.166154

Atm Pres	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual	CH4/CO2	Original V
979	<NO VALU	<NO VALU	0	2	LOW	5.3	2.15	94.7
959	<NO VALU	<NO VALU	3	4	LOW	24.52	1.67	75
959	<NO VALU	<NO VALU	4	2	LOW	28.42	1.61	71.1
996	<NO VALU	<NO VALU	0	0	LOW	10.82	1.77	86.8
960	<NO VALU	<NO VALU	3	8	LOW	32.12	1.5	67.4
982	<NO VALU	<NO VALU	5	0	LOW	9.09	2.02	87.1
982	<NO VALU	<NO VALU	6	13	LOW	8.2	2.03	91.8
986	<NO VALU	<NO VALU	6	8	LOW	23.7	1.85	76.3
978	<NO VALU	<NO VALU	9	9	LOW	21.1	1.8	78.9
976	<NO VALU	<NO VALU	0	1	LOW	27.3	1.7	72.7
989	<NO VALU	<NO VALU	7	5	LOW	28.9	1.67	71.1
984	<NO VALU	<NO VALU	5	18	LOW	19.7	1.89	80.3
977	<NO VALU	<NO VALU	0	0	LOW	26.2	1.7	73.8
13	0	0	13	13	0	13	13	13
996	0	0	9	18	0	32.12	2.15	94.7
959	0	0	0	0	0	5.3	1.5	67.4
977.4615	#DIV/0!	#DIV/0!	3.692308	5.384615	#DIV/0!	20.41308	1.796923	79

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
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	1	2. Rebalan	<NO VALU	<NO VALU	300871.9	204770.6
1	5	1. OK	<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	5	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
5	5	1. OK	<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	2. Rebalan	<NO VALU	<NO VALU	300871.9	204770.6
13	13		0	0	0	
10	10		0	0	0	
1	1		0	0	0	
5.846154	5.461538	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Press)	
BYPW0004	1/10/2017 9:30	52.3	35.6	0	12.1	-35.42	979
BYPW0004	2/3/2017 9:45	45.2	33.4	0	21.4	-36.07	958
BYPW0004	3/3/2017 13:00	50.8	33.9	0	15.3	-19.75	958
BYPW0004	4/21/2017 9:11	41.8	33.3	0	24.9	-27.83	996
BYPW0004	5/12/2017 9:29	29.7	27.6	0	42.7	-30.65	960
BYPW0004	5/15/2017 9:09	62	39.7	0	0	0.47	985
BYPW0004	5/15/2017 9:10	62.2	36.4	0	1.4	-26.13	985
BYPW0004	6/2/2017 9:24	37.3	30.4	0	32.3	-30.8	982
BYPW0004	6/16/2017 13:06	57.8	34.5	0.1	7.6	-18.49	991
BYPW0004	6/16/2017 13:08	58	34.7	0.1	7.2	-27.72	991
BYPW0004	7/4/2017 9:06	43.5	34	0	22.5	-33.85	986
BYPW0004	8/4/2017 9:49	51.8	35.7	0	12.5	-33.34	976
BYPW0004	9/7/2017 15:24	39.5	31.3	0	29.2	-26.9	976
BYPW0004	10/4/2017 9:12	45.3	33.2	0	21.5	-24.4	989
BYPW0004	11/10/2017 11:18	47	34.1	0	18.9	-22.74	983
BYPW0004	12/12/2017 9:02	60.6	36.5	0.5	2.4	-33.66	976
	Count	16	16	16	16	16	16
	Max	62.2	39.7	0.5	42.7	0.47	996
	Min	29.7	27.6	0	0	-36.07	958
	Ave	49.05	34.01875	0.04375	16.99375	-26.705	979.4375

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	11	LOW	12.1	1.47	87.9	5
<NO VALU	<NO VALU	3	10	LOW	21.4	1.35	78.6	5
<NO VALU	<NO VALU	6	7	LOW	15.3	1.5	84.7	5
<NO VALU	<NO VALU	0	37	LOW	24.9	1.26	75.1	5
<NO VALU	<NO VALU	3	29	LOW	42.7	1.08	57.3	5
<NO VALU	<NO VALU	14	51	LOW	0	1.56	101.7	0
<NO VALU	<NO VALU	11	44	LOW	1.4	1.71	98.6	5
<NO VALU	<NO VALU	6	37	LOW	32.3	1.23	67.7	1
<NO VALU	<NO VALU	10	19	LOW	7.22	1.68	92.3	1
<NO VALU	<NO VALU	8	26	LOW	6.82	1.67	92.7	5
<NO VALU	<NO VALU	7	29	LOW	22.5	1.28	77.5	5
<NO VALU	<NO VALU	10	26	LOW	12.5	1.45	87.5	5
<NO VALU	<NO VALU	0	2	LOW	29.2	1.26	70.8	5
<NO VALU	<NO VALU	9	14	LOW	21.5	1.36	78.5	5
<NO VALU	<NO VALU	5	45	LOW	18.9	1.38	81.1	5
<NO VALU	<NO VALU	0	4	LOW	0.52	1.66	97.1	5
0	0	16	16	0	16	16	16	16
0	0	14	51	0	42.7	1.71	101.7	5
0	0	0	2	0	0	1.08	57.3	0
#DIV/0!	#DIV/0!	5.75	24.4375	#DIV/0!	16.82875	1.43125	83.06875	4.1875

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
5 1. OK	<NO VALU	<NO VALU	300894.4	204758.4
5 1. OK	<NO VALU	<NO VALU	300894.4	204758.4
5 1. OK	<NO VALU	<NO VALU	300894.4	204758.4
5 1. OK	<NO VALU	<NO VALU	300894.4	204758.4
1 2. Rebalan	<NO VALU	<NO VALU	300894.4	204758.4
5 1. OK	<NO VALU	<NO VALU	300894.4	204758.4
5 1. OK	<NO VALU	<NO VALU	300894.4	204758.4
1 2. Rebalan	<NO VALU	<NO VALU	300894.4	204758.4
5 1. OK	<NO VALU	<NO VALU	300894.4	204758.4
5 1. OK	<NO VALU	<NO VALU	300894.4	204758.4
5 1. OK	<NO VALU	<NO VALU	300894.4	204758.4
5 1. OK	<NO VALU	<NO VALU	300894.4	204758.4
5 1. OK	<NO VALU	<NO VALU	300894.4	204758.4
5 1. OK	<NO VALU	<NO VALU	300894.4	204758.4
5 1. OK	<NO VALU	<NO VALU	300894.4	204758.4
16	0	0	0	
5	0	0	0	
1	0	0	0	
4.5	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0005	1/10/2017 9:32	58.2	41.8	0.1	0	-2.31	979
BYPW0005	1/10/2017 9:33	58.2	41.4	0	0.4	-2.99	979
BYPW0005	2/3/2017 9:47	46.8	36.4	0	16.8	-6.43	958
BYPW0005	3/3/2017 13:04	42.7	36.2	0	21.1	-6.09	958
BYPW0005	4/21/2017 9:14	54	39.9	0.7	5.4	-2.17	996
BYPW0005	5/12/2017 9:33	34.4	30.1	3	32.5	-8.46	960
BYPW0005	6/2/2017 9:32	39.1	33.1	2.3	25.5	-4.9	982
BYPW0005	6/16/2017 13:10	57.2	42	0.1	0.7	-0.38	991
BYPW0005	6/16/2017 13:11	56.9	41.8	0.3	1	-1.3	991
BYPW0005	7/4/2017 9:10	46.4	38.6	0	15	-4.12	986
BYPW0005	8/4/2017 9:51	44.7	36.6	0	18.7	-11.07	976
BYPW0005	9/7/2017 15:27	38.1	34.4	0.1	27.4	-6.26	976
BYPW0005	10/4/2017 9:14	48.6	37.8	0	13.6	-7.03	989
BYPW0005	11/10/2017 11:20	40.9	35.6	0	23.5	-8.09	983
BYPW0005	12/12/2017 9:04	58.4	42.4	0.3	0	-3.43	976
BYPW0005	12/12/2017 9:06	58.2	42.4	0.2	0	-6.2	976
	Count	16	16	16	16	16	16
	Max	58.4	42.4	3	32.5	-0.38	996
	Min	34.4	30.1	0	0	-11.07	958
	Ave	48.925	38.15625	0.44375	12.6	-5.076875	978.5
	>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	20	LOW	0	1.39	100	5
<NO VALU	<NO VALU	0	19	LOW	0.4	1.41	99.6	10
<NO VALU	<NO VALU	4	15	LOW	16.8	1.29	83.2	10
<NO VALU	<NO VALU	6	13	LOW	21.1	1.18	78.9	10
<NO VALU	<NO VALU	0	83	LOW	2.77	1.35	93.9	10
<NO VALU	<NO VALU	4	62	LOW	21.22	1.14	64.5	10
<NO VALU	<NO VALU	6	63	LOW	16.85	1.18	72.2	5
<NO VALU	<NO VALU	11	90	LOW	0.32	1.36	99.2	1
<NO VALU	<NO VALU	11	90	LOW	0	1.36	98.7	5
<NO VALU	<NO VALU	7	58	LOW	15	1.2	85	5
<NO VALU	<NO VALU	9	35	LOW	18.7	1.22	81.3	5
<NO VALU	<NO VALU	0	2	LOW	27.02	1.11	72.5	5
<NO VALU	<NO VALU	8	27	LOW	13.6	1.29	86.4	5
<NO VALU	<NO VALU	5	60	LOW	23.5	1.15	76.5	5
<NO VALU	<NO VALU	1	11	LOW	0	1.38	100.8	5
<NO VALU	<NO VALU	1	11	LOW	0	1.37	100.6	10
0	0	16	16	0	16	16	16	16
0	0	11	90	0	27.02	1.41	100.8	10
0	0	0	2	0	0	1.11	64.5	1
#DIV/0!	#DIV/0!	4.5625	41.1875	#DIV/0!	11.08	1.27375	87.08125	6.625

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
10 1. OK		<NO VALU	<NO VALU	300902	204726.6
10 1. OK		<NO VALU	<NO VALU	300902	204726.6
10 1. OK		<NO VALU	<NO VALU	300902	204726.6
10 1. OK		<NO VALU	<NO VALU	300902	204726.6
10 1. OK		<NO VALU	<NO VALU	300902	204726.6
5 2. Rebalan		<NO VALU	<NO VALU	300902	204726.6
1 2. Rebalan		<NO VALU	<NO VALU	300902	204726.6
5 1. OK		<NO VALU	<NO VALU	300902	204726.6
5 1. OK		<NO VALU	<NO VALU	300902	204726.6
5 1. OK		<NO VALU	<NO VALU	300902	204726.6
5 1. OK		<NO VALU	<NO VALU	300902	204726.6
5 2. Rebalan		<NO VALU	<NO VALU	300902	204726.6
5 1. OK		<NO VALU	<NO VALU	300902	204726.6
5 1. OK		<NO VALU	<NO VALU	300902	204726.6
10 1. OK		<NO VALU	<NO VALU	300902	204726.6
10 1. OK		<NO VALU	<NO VALU	300902	204726.6
16	0	0	0		
10	0	0	0		
1	0	0	0		
6.9375	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0006	1/10/2017 9:38	49.7	37.8	0.1	12.4	-2.08	979
BYPW0006	2/3/2017 9:51	47.1	34.5	0	18.4	-5.25	958
BYPW0006	3/3/2017 13:09	45	33.9	0	21.1	-3.66	958
BYPW0006	4/21/2017 9:45	42.7	35.5	0	21.8	-3.85	997
BYPW0006	5/12/2017 9:38	44.3	33.9	0	21.8	-6.95	960
BYPW0006	6/2/2017 9:45	41.9	33.7	0	24.4	-3.89	982
BYPW0006	6/16/2017 13:18	54.4	39	0	6.6	-2.13	991
BYPW0006	7/4/2017 9:27	50.6	36.4	0	13	-3.27	986
BYPW0006	8/4/2017 10:03	48.9	34.8	0	16.3	-5.68	977
BYPW0006	9/14/2017 11:33	49.7	36.6	0.3	13.4	-6.82	973
BYPW0006	10/4/2017 9:22	45.1	36	0	18.9	-5.65	989
BYPW0006	11/10/2017 11:29	46.1	34.6	0	19.3	-5.55	984
BYPW0006	12/12/2017 9:13	56.6	38.6	0.2	4.6	-4.81	976
	Count	13	13	13	13	13	13
	Max	56.6	39	0.3	24.4	-2.08	997
	Min	41.9	33.7	0	4.6	-6.95	958
	Ave	47.85385	35.79231	0.046154	16.30769	-4.583846	977.6923

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	8	LOW	12.02	1.31	87.5	10
<NO VALU	<NO VALU	2	8	LOW	18.4	1.37	81.6	10
<NO VALU	<NO VALU	5	6	LOW	21.1	1.33	78.9	10
<NO VALU	<NO VALU	1	23	LOW	21.8	1.2	78.2	10
<NO VALU	<NO VALU	3	29	LOW	21.8	1.31	78.2	10
<NO VALU	<NO VALU	3	29	LOW	24.4	1.24	75.6	10
<NO VALU	<NO VALU	3	27	LOW	6.6	1.39	93.4	10
<NO VALU	<NO VALU	2	21	LOW	13	1.39	87	10
<NO VALU	<NO VALU	0	17	LOW	16.3	1.41	83.7	10
<NO VALU	<NO VALU	0	7	LOW	12.27	1.36	86.3	10
<NO VALU	<NO VALU	8	9	LOW	18.9	1.25	81.1	10
<NO VALU	<NO VALU	5	31	LOW	19.3	1.33	80.7	10
<NO VALU	<NO VALU	0	2	LOW	3.85	1.47	95.2	10
0	0	13	13	0	13	13	13	13
0	0	8	31	0	24.4	1.47	95.2	10
0	0	0	2	0	3.85	1.2	75.6	10
#DIV/0!	#DIV/0!	2.461538	16.69231	#DIV/0!	16.13385	1.335385	83.64615	10

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
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
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
13	0	0	0	
10	0	0	0	
10	0	0	0	
10	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Press)	
BYPW0007	1/10/2017 9:35	57.5	44.2	0.2	0	-6.83	979
BYPW0007	2/3/2017 9:49	47.4	37.8	0.8	14	-16.6	958
BYPW0007	3/3/2017 13:07	43.4	34.6	1.3	20.7	-15.95	958
BYPW0007	4/21/2017 9:26	50.7	36.5	1.9	10.9	-7.95	996
BYPW0007	5/12/2017 9:36	36.3	31.3	2	30.4	-17.46	960
BYPW0007	6/2/2017 9:42	43.9	34.6	2.1	19.4	-6.17	982
BYPW0007	6/16/2017 13:14	57.1	42.7	0.1	0.1	-0.71	991
BYPW0007	6/16/2017 13:15	56.5	42.4	0.3	0.8	-3.94	991
BYPW0007	7/4/2017 9:24	46.9	35.5	2.2	15.4	-7.53	986
BYPW0007	8/4/2017 9:59	45.5	36.2	1.4	16.9	-15.55	976
BYPW0007	9/7/2017 15:29	37.5	30	4.5	28	-11.77	976
BYPW0007	10/4/2017 9:17	47.6	36.7	1	14.7	0.1	989
BYPW0007	10/4/2017 9:19	45.1	36	1.8	17.1	-8.29	989
BYPW0007	11/10/2017 11:27	40.2	32	3.6	24.2	-12.82	984
BYPW0007	12/12/2017 9:08	57.3	43.3	0.3	0	-1.39	976
BYPW0007	12/12/2017 9:11	54.6	42.2	0.8	2.4	-4.98	976
	Count	16	16	16	16	16	16
	Max	57.5	44.2	4.5	30.4	0.1	996
	Min	36.3	30	0.1	0	-17.46	958
	Ave	47.96875	37.25	1.51875	13.4375	-8.615	979.1875

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	1	104	LOW	0	1.3	101.7	5
<NO VALU	<NO VALU	5	45	LOW	10.99	1.25	85.2	10
<NO VALU	<NO VALU	6	28	LOW	15.81	1.25	78	10
<NO VALU	<NO VALU	2	241	LOW	3.76	1.39	87.2	5
<NO VALU	<NO VALU	5	168	LOW	22.88	1.16	67.6	5
<NO VALU	<NO VALU	7	228	LOW	11.5	1.27	78.5	1
<NO VALU	<NO VALU	15	483	LOW	0	1.34	99.8	1
<NO VALU	<NO VALU	14	436	LOW	0	1.33	98.9	5
<NO VALU	<NO VALU	9	173	LOW	7.13	1.32	82.4	5
<NO VALU	<NO VALU	16	143	LOW	11.64	1.26	81.7	5
<NO VALU	<NO VALU	1	31	LOW	11.08	1.25	67.5	5
<NO VALU	<NO VALU	13	115	LOW	10.94	1.3	84.3	0
<NO VALU	<NO VALU	15	106	LOW	10.33	1.25	81.1	5
<NO VALU	<NO VALU	6	185	LOW	10.66	1.26	72.2	5
<NO VALU	<NO VALU	3	37	LOW	0	1.32	100.6	1
<NO VALU	<NO VALU	3	37	LOW	0	1.29	96.8	10
0	0	16	16	0	16	16	16	16
0	0	16	483	0	22.88	1.39	101.7	10
0	0	1	28	0	0	1.16	67.5	0
#DIV/0!	#DIV/0!	7.5625	160	#DIV/0!	7.92	1.28375	85.21875	4.875

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
10 1. OK	<NO VALU	<NO VALU	300923.6	204729
10 1. OK	<NO VALU	<NO VALU	300923.6	204729
5 1. OK	<NO VALU	<NO VALU	300923.6	204729
5 1. OK	<NO VALU	<NO VALU	300923.6	204729
1 2. Rebalan	<NO VALU	<NO VALU	300923.6	204729
1 1. OK	<NO VALU	<NO VALU	300923.6	204729
5 1. OK	<NO VALU	<NO VALU	300923.6	204729
5 1. OK	<NO VALU	<NO VALU	300923.6	204729
5 1. OK	<NO VALU	<NO VALU	300923.6	204729
5 1. OK	<NO VALU	<NO VALU	300923.6	204729
0 2. Rebalan	<NO VALU	<NO VALU	300923.6	204729
5 1. OK	<NO VALU	<NO VALU	300923.6	204729
5 1. OK	<NO VALU	<NO VALU	300923.6	204729
1 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
16	0	0	0	
10	0	0	0	
0	0	0	0	
5.1875	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressi	
BYPW0008	1/10/2017 9:40	50.5	29.6	0	19.9	-1.38	979
BYPW0008	2/3/2017 9:53	44.5	35.9	0	19.6	-4.91	959
BYPW0008	3/3/2017 13:12	34.6	30	0	35.4	-5.3	958
BYPW0008	4/21/2017 9:47	43.7	31.5	0.1	24.7	-0.22	997
BYPW0008	4/21/2017 9:49	44.3	31.5	0	24.2	-4.78	997
BYPW0008	5/12/2017 9:40	48.9	37.8	0	13.3	-6.54	960
BYPW0008	6/2/2017 9:48	38.5	32.2	0	29.3	-2.07	982
BYPW0008	6/16/2017 13:20	50.9	24	0.1	25	-0.28	991
BYPW0008	6/16/2017 13:22	51.4	24	0.1	24.5	-0.8	991
BYPW0008	7/4/2017 9:29	42.4	25.7	0	31.9	-2.54	986
BYPW0008	8/4/2017 10:05	36	32.7	0	31.3	-6.51	977
BYPW0008	8/16/2017 8:30	36.9	32.4	0	30.7	0.07	985
BYPW0008	9/14/2017 11:35	28.8	24.3	0.5	46.4	-4.68	975
BYPW0008	10/4/2017 9:24	44.3	34.4	0	21.3	0.13	989
BYPW0008	10/4/2017 9:26	44.3	34.4	0	21.3	-4.6	989
BYPW0008	11/10/2017 11:31	26.8	26.3	0	46.9	-4.76	984
BYPW0008	12/12/2017 9:25	56.6	33	1.4	9	-2.19	976
Count		17	17	17	17	17	17
Max		56.6	37.8	1.4	46.9	0.13	997
Min		26.8	24	0	9	-6.54	958
Ave		42.55294	30.57059	0.129412	26.74706	-3.021176	980.8824

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	30	LOW	19.9	1.71	80.1	1
<NO VALU	<NO VALU	3	54	LOW	19.6	1.24	80.4	1
<NO VALU	<NO VALU	6	19	LOW	35.4	1.15	64.6	1
<NO VALU	<NO VALU	1	80	LOW	24.32	1.39	75.2	0
<NO VALU	<NO VALU	1	130	LOW	24.2	1.41	75.8	5
<NO VALU	<NO VALU	5	203	LOW	13.3	1.29	86.7	5
<NO VALU	<NO VALU	6	275	LOW	29.3	1.2	70.7	5
<NO VALU	<NO VALU	5	96	LOW	24.62	2.12	74.9	0
<NO VALU	<NO VALU	6	102	LOW	24.12	2.14	75.4	5
<NO VALU	<NO VALU	3	60	LOW	31.9	1.65	68.1	5
<NO VALU	<NO VALU	10	154	LOW	31.3	1.1	68.7	5
<NO VALU	<NO VALU	10	133	LOW	30.7	1.14	69.3	0
<NO VALU	<NO VALU	0	0	LOW	44.52	1.19	53.1	0
<NO VALU	<NO VALU	8	67	LOW	21.3	1.29	78.7	0
<NO VALU	<NO VALU	10	82	LOW	21.3	1.29	78.7	5
<NO VALU	<NO VALU	4	8	LOW	46.9	1.02	53.1	5
<NO VALU	<NO VALU	0	20	LOW	3.74	1.72	89.6	1
0	0	17	17	0	17	17	17	17
0	0	10	275	0	46.9	2.14	89.6	5
0	0	0	0	0	3.74	1.02	53.1	0
#DIV/0!	#DIV/0!	4.588235	89	#DIV/0!	26.26	1.414706	73.12353	2.588235

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
1 1. OK		<NO VALU	<NO VALU	300926	204699.1
1 1. OK		<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 1. OK		<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
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
0 2. Rebalan		<NO VALU	<NO VALU	300926	204699.1
1 1. OK		<NO VALU	<NO VALU	300926	204699.1
17	0	0	0		
5	0	0	0		
0	0	0	0		
2.529412	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Gr
BYPW0009	1/10/2017 9:44	54.2	39.6	0.1	6.1
BYPW0009	2/3/2017 9:55	54	38.5	0	7.5
BYPW0009	3/3/2017 13:14	51.2	38.3	0	10.5
BYPW0009	4/21/2017 9:51	44.2	36.3	0	19.5
BYPW0009	5/12/2017 9:43	53.1	38.8	0	8.1
BYPW0009	6/2/2017 9:51	45.4	36.3	0	18.3
BYPW0009	7/4/2017 9:32	48.4	36.7	0	14.9
BYPW0009	8/4/2017 10:07	57.7	39.3	0	3
BYPW0009	9/14/2017 11:38	53.1	37.3	0.2	9.4
BYPW0009	10/4/2017 9:29	43.7	35.8	0	20.5
BYPW0009	11/10/2017 11:33	49.1	37.1	0	13.8
BYPW0009	12/12/2017 9:28	58.6	39.1	0.2	2.1
	Count	12	12	12	12
	Max	58.6	39.6	0.2	20.5
	Min	43.7	35.8	0	2.1
	Ave	51.05833	37.75833	0.041667	11.14167

Vacuum (rr	Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r
-3.99	979	<NO VALU	<NO VALU	0	5	LOW	5.72	1.37
-4.24	959	<NO VALU	<NO VALU	3	7	LOW	7.5	1.4
-2.88	958	<NO VALU	<NO VALU	5	5	LOW	10.5	1.34
-5.35	998	<NO VALU	<NO VALU	1	19	LOW	19.5	1.22
-5.66	961	<NO VALU	<NO VALU	5	25	LOW	8.1	1.37
-4.83	983	<NO VALU	<NO VALU	5	23	LOW	18.3	1.25
-3.09	987	<NO VALU	<NO VALU	5	16	LOW	14.9	1.32
-5.81	977	<NO VALU	<NO VALU	12	14	LOW	3	1.47
-8.63	975	<NO VALU	<NO VALU	0	2	LOW	8.65	1.42
-7.69	989	<NO VALU	<NO VALU	8	7	LOW	20.5	1.22
-7.12	984	<NO VALU	<NO VALU	5	19	LOW	13.8	1.32
-5.78	977	<NO VALU	<NO VALU	0	2	LOW	1.35	1.5
12	12	0	0	12	12	0	12	12
-2.88	998	0	0	12	25	0	20.5	1.5
-8.63	958	0	0	0	2	0	1.35	1.22
-5.4225	977.25	#DIV/0!	#DIV/0!	4.083333	12	#DIV/0!	10.985	1.35

Original Va	Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
93.8	40	40 1. OK		<NO VALU	<NO VALU	300908.7	204664.2
92.5	40	40 1. OK		<NO VALU	<NO VALU	300908.7	204664.2
89.5	40	40 1. OK		<NO VALU	<NO VALU	300908.7	204664.2
80.5	40	40 1. OK		<NO VALU	<NO VALU	300908.7	204664.2
91.9	40	40 1. OK		<NO VALU	<NO VALU	300908.7	204664.2
81.7	40	40 1. OK		<NO VALU	<NO VALU	300908.7	204664.2
85.1	40	40 1. OK		<NO VALU	<NO VALU	300908.7	204664.2
97	40	40 1. OK		<NO VALU	<NO VALU	300908.7	204664.2
90.4	40	40 1. OK		<NO VALU	<NO VALU	300908.7	204664.2
79.5	40	40 1. OK		<NO VALU	<NO VALU	300908.7	204664.2
86.2	40	40 1. OK		<NO VALU	<NO VALU	300908.7	204664.2
97.7	40	40 1. OK		<NO VALU	<NO VALU	300908.7	204664.2
12	12	12	0	0	0		
97.7	40	40	0	0	0		
79.5	40	40	0	0	0		
88.81667	40	40 #DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr	Atm Pressi
BYPW0011	1/10/2017 9:28	55.1	40	0.1	4.8	-4.47	979
BYPW0011	2/3/2017 9:43	53.3	39.1	0	7.6	-6.59	958
BYPW0011	3/3/2017 13:02	47.3	37.2	0.1	15.4	-6.45	958
BYPW0011	4/21/2017 9:09	45.3	36.1	0.2	18.4	-7.38	996
BYPW0011	5/12/2017 9:31	42.8	35.2	0.1	21.9	-8.29	960
BYPW0011	6/2/2017 9:20	51.2	38.4	0	10.4	-4.74	982
BYPW0011	7/4/2017 9:04	46.7	37.3	0.1	15.9	-4.08	986
BYPW0011	8/4/2017 9:47	53.7	39.2	0	7.1	-5.21	976
BYPW0011	9/7/2017 15:22	47.5	36.8	0.2	15.5	-4.22	975
BYPW0011	10/4/2017 9:10	48.9	37.7	0.2	13.2	-6.08	989
BYPW0011	11/10/2017 11:11	49.3	37.2	0	13.5	-6.5	984
BYPW0011	12/12/2017 8:58	49.9	37	0.3	12.8	-8.94	976
Count		12	12	12	12	12	12
Max		55.1	40	0.3	21.9	-4.08	996
Min		42.8	35.2	0	4.8	-8.94	958
Ave		49.25	37.6	0.108333	13.04167	-6.079167	976.5833

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	36	LOW	4.42	1.38	95.1	10
<NO VALU	<NO VALU	4	27	LOW	7.6	1.36	92.4	10
<NO VALU	<NO VALU	6	18	LOW	15.02	1.27	84.5	10
<NO VALU	<NO VALU	0	84	LOW	17.65	1.25	81.4	10
<NO VALU	<NO VALU	5	76	LOW	21.52	1.22	78	10
<NO VALU	<NO VALU	7	126	LOW	10.4	1.33	89.6	10
<NO VALU	<NO VALU	7	65	LOW	15.52	1.25	84	10
<NO VALU	<NO VALU	10	95	LOW	7.1	1.37	92.9	10
<NO VALU	<NO VALU	0	17	LOW	14.75	1.29	84.3	10
<NO VALU	<NO VALU	9	35	LOW	12.45	1.3	86.6	10
<NO VALU	<NO VALU	5	129	LOW	13.5	1.33	86.5	10
<NO VALU	<NO VALU	0	20	LOW	11.67	1.35	86.9	10
0	0	12	12	0	12	12	12	12
0	0	10	129	0	21.52	1.38	95.1	10
0	0	0	17	0	4.42	1.22	78	10
#DIV/0!	#DIV/0!	4.416667	60.66667	#DIV/0!	12.63333	1.308333	86.85	10

Comment	X GPS	Y GPS	CH4 + CO2 (%)
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
12	0	0	0
10	0	0	0
10	0	0	0
10	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in 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!			

[illegible]

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	Macuum (rr Atm Pressu	
BYPW0501	1/16/2017 9:25	43.7	29.6	0.1	26.6	-1.21	991
BYPW0501	2/17/2017 8:29	58.7	28.4	0.1	12.8	-0.48	990
BYPW0501	3/3/2017 9:33	54.6	29.8	0	15.6	-0.48	958
BYPW0501	4/21/2017 10:49	36.3	25.1	0.2	38.4	-3.03	996
BYPW0501	5/15/2017 8:19	45.9	27	0	27.1	-2.55	983
BYPW0501	5/24/2017 9:50	40.9	25.7	0	33.4	-0.76	990
BYPW0501	6/9/2017 9:45	63.8	27.3	0	8.9	-1.08	973
BYPW0501	6/9/2017 9:47	63.6	27.3	0	9.1	-1.22	973
BYPW0501	7/4/2017 13:56	47.9	26.8	0	25.3	-0.36	984
BYPW0501	8/4/2017 9:03	51.5	29.3	0	19.2	-1.57	975
BYPW0501	9/7/2017 14:25	55.1	28	0	16.9	0.24	975
BYPW0501	9/7/2017 14:27	54.9	28.3	0	16.8	0.25	975
BYPW0501	10/6/2017 8:24	38.1	28.3	0.1	33.5	-2.15	992
BYPW0501	11/3/2017 9:38	58.4	29.3	0	12.3	-0.42	974
BYPW0501	12/8/2017 13:38	60.2	29.2	0.1	10.5	-0.72	984
BYPW0501	12/8/2017 13:40	59.2	29.6	0.1	11.1	-1.21	984
Count		16	16	16	16	16	16
Max		63.8	29.8	0.2	38.4	0.25	996
Min		36.3	25.1	0	8.9	-3.03	958
Ave		52.05	28.0625	0.04375	19.84375	-1.046875	981.0625

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	4	LOW	26.22	1.48	73.3	5
<NO VALU	<NO VALU	1	6	LOW	12.42	2.07	87.1	5
<NO VALU	<NO VALU	0	4	LOW	15.6	1.83	84.4	5
<NO VALU	<NO VALU	0	1	LOW	37.65	1.45	61.4	5
<NO VALU	<NO VALU	1	7	LOW	27.1	1.7	72.9	1
<NO VALU	<NO VALU	3	7	LOW	33.4	1.59	66.6	1
<NO VALU	<NO VALU	3	17	LOW	8.9	2.34	91.1	1
<NO VALU	<NO VALU	3	15	LOW	9.1	2.33	90.9	5
<NO VALU	<NO VALU	7	5	LOW	25.3	1.79	74.7	5
<NO VALU	<NO VALU	4	9	LOW	19.2	1.76	80.8	5
<NO VALU	<NO VALU	0	0	LOW	16.9	1.97	83.1	5
<NO VALU	<NO VALU	0	0	LOW	16.8	1.94	83.2	7
<NO VALU	<NO VALU	0	3	LOW	33.12	1.35	66.4	7
<NO VALU	<NO VALU	1	23	LOW	12.3	1.99	87.7	5
<NO VALU	<NO VALU	0	0	LOW	10.12	2.06	89.4	5
<NO VALU	<NO VALU	1	0	LOW	10.72	2	88.8	10
0	0	16	16	0	16	16	16	16
0	0	7	23	0	37.65	2.34	91.1	10
0	0	0	0	0	8.9	1.35	61.4	1
#DIV/0!	#DIV/0!	1.5	6.3125	#DIV/0!	19.67813	1.853125	80.1125	4.8125

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
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
1 1. OK	<NO VALU	<NO VALU	300889.9	205091.8
1 1. OK	<NO VALU	<NO VALU	300889.9	205091.8
1 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
5 1. OK	<NO VALU	<NO VALU	300889.9	205091.8
5 1. OK	<NO VALU	<NO VALU	300889.9	205091.8
7 1. OK	<NO VALU	<NO VALU	300889.9	205091.8
7 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
10 1. OK	<NO VALU	<NO VALU	300889.9	205091.8
16	0	0	0	
10	0	0	0	
1	0	0	0	
5.125	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr	Atm Pressu
BYPW0502	1/16/2017 9:07	36.4	24	1.4	38.2	-5.52	991
BYPW0502	2/17/2017 8:15	45.9	23	2	29.1	-0.93	991
BYPW0502	3/3/2017 9:36	44	25.7	0.6	29.7	-2.78	958
BYPW0502	4/21/2017 10:36	39.6	22.7	0.8	36.9	-11.3	996
BYPW0502	5/15/2017 8:24	39.8	24.2	2	34	-3.65	983
BYPW0502	6/9/2017 9:51	36.9	18	7.3	37.8	-1.79	973
BYPW0502	7/4/2017 14:04	37.4	18.8	5.7	38.1	0.17	984
BYPW0502	8/11/2017 12:08	42.4	22.9	1.9	32.8	-0.09	982
BYPW0502	9/7/2017 14:31	37.8	21.3	0.3	40.6	0.64	975
BYPW0502	10/6/2017 8:27	4.2	6.1	15	74.7	-0.39	992
BYPW0502	11/3/2017 10:09	44.8	23	2	30.2	-0.17	974
BYPW0502	11/3/2017 10:12	44.8	22.9	2.3	30	-1.39	974
BYPW0502	12/8/2017 13:42	6.4	3.9	18.2	71.5	-1.04	984
	Count	13	13	13	13	13	13
	Max	45.9	25.7	18.2	74.7	0.64	996
	Min	4.2	3.9	0.3	29.1	-11.3	958
	Ave	35.41538	19.73077	4.576923	40.27692	-2.172308	981.3077
	>3% O2			4			
	% > 3% O2			30.76923			

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	32.94	1.52	60.4	30
<NO VALU	<NO VALU	4	0	LOW	21.58	2	68.9	20
<NO VALU	<NO VALU	1	1	LOW	27.44	1.71	69.7	10
<NO VALU	<NO VALU	1	2	LOW	33.89	1.74	62.3	10
<NO VALU	<NO VALU	5	0	LOW	26.48	1.64	64	5
<NO VALU	<NO VALU	4	0	LOW	10.35	2.05	54.9	1
<NO VALU	<NO VALU	10	1	LOW	16.67	1.99	56.2	0
<NO VALU	<NO VALU	10	1	LOW	25.66	1.85	65.3	0
<NO VALU	<NO VALU	1	0	LOW	39.47	1.77	59.1	10
<NO VALU	<NO VALU	2	0	LOW	18.3	0.69	10.3	0
<NO VALU	<NO VALU	5	0	LOW	22.68	1.95	67.8	0
<NO VALU	<NO VALU	4	0	LOW	21.35	1.96	67.7	10
<NO VALU	<NO VALU	3	0	LOW	3.07	1.64	10.3	10
0	0	13	13	0	13	13	13	13
0	0	10	2	0	39.47	2.05	69.7	30
0	0	0	0	0	3.07	0.69	10.3	0
#DIV/0!	#DIV/0!	3.846154	0.384615	#DIV/0!	23.06769	1.731538	55.14615	8.153846

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
20 1. OK		<NO VALU	<NO VALU	300888	205042.1
10 1. OK		<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
1 1. OK		<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
10 1. OK		<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
10 1. OK		<NO VALU	<NO VALU	300888	205042.1
10 1. OK		<NO VALU	<NO VALU	300888	205042.1
0 2. Rebalan		<NO VALU	<NO VALU	300888	205042.1
13	0	0	0		
20	0	0	0		
0	0	0	0		
5.846154	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0503	1/16/2017 8:49	45.1	26.3	0.2	28.4	-10.9	992
BYPW0503	2/17/2017 7:59	52.4	26.8	0.2	20.6	-3.08	991
BYPW0503	3/3/2017 9:52	54.1	28.2	0.1	17.6	-2.05	959
BYPW0503	4/21/2017 10:19	47.4	26.1	0.1	26.4	-14.69	996
BYPW0503	5/15/2017 8:33	45.1	25.8	0	29.1	-3.43	983
BYPW0503	6/9/2017 9:11	52	26.3	0.1	21.6	-3.08	977
BYPW0503	7/4/2017 14:15	55	26.2	0.1	18.7	-0.69	985
BYPW0503	8/4/2017 9:18	3.6	1.7	19.6	75.1	-0.61	975
BYPW0503	9/1/2017 8:49	52.4	22.3	0.3	25	0.02	987
BYPW0503	9/1/2017 8:51	52.3	22.3	0.2	25.2	-2.47	987
BYPW0503	9/7/2017 14:44	61.4	26.2	0.1	12.3	0.85	975
BYPW0503	9/7/2017 14:46	61.2	26.6	0	12.2	1.58	975
BYPW0503	10/6/2017 8:36	54	25.9	0	20.1	-5.23	992
BYPW0503	10/6/2017 8:37	54.4	26	0	19.6	-6.05	992
BYPW0503	11/3/2017 9:59	52.9	26.8	0.1	20.2	-0.49	974
BYPW0503	12/8/2017 13:51	57	26.1	0.1	16.8	-2.85	984
	Count	16	16	16	16	16	16
	Max	61.4	28.2	19.6	75.1	1.58	996
	Min	3.6	1.7	0	12.2	-14.69	959
	Ave	50.01875	24.35	1.325	24.30625	-3.323125	982.75

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	2	LOW	27.65	1.71	71.4	30
<NO VALU	<NO VALU	5	7	LOW	19.85	1.96	79.2	20
<NO VALU	<NO VALU	3	7	LOW	17.22	1.92	82.3	20
<NO VALU	<NO VALU	1	3	LOW	26.02	1.82	73.5	20
<NO VALU	<NO VALU	3	21	LOW	29.1	1.75	70.9	20
<NO VALU	<NO VALU	7	22	LOW	21.22	1.98	78.3	20
<NO VALU	<NO VALU	13	20	LOW	18.32	2.1	81.2	20
<NO VALU	<NO VALU	4	0	LOW	1.4	2.12	5.3	20
<NO VALU	<NO VALU	10	0	LOW	23.87	2.35	74.7	0
<NO VALU	<NO VALU	11	0	LOW	24.45	2.35	74.6	10
<NO VALU	<NO VALU	0	0	LOW	11.92	2.34	87.6	0
<NO VALU	<NO VALU	2	0	LOW	12.2	2.3	87.8	10
<NO VALU	<NO VALU	6	2	LOW	20.1	2.08	79.9	10
<NO VALU	<NO VALU	8	2	LOW	19.6	2.09	80.4	20
<NO VALU	<NO VALU	2	10	LOW	19.82	1.97	79.7	20
<NO VALU	<NO VALU	1	0	LOW	16.42	2.18	83.1	30
0	0	16	16	0	16	16	16	16
0	0	13	22	0	29.1	2.35	87.8	30
0	0	0	0	0	1.4	1.71	5.3	0
#DIV/0!	#DIV/0!	4.75	6	#DIV/0!	19.3225	2.06375	74.36875	16.875

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
20 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
20 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
20 1. OK		<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
20 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
20 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
0 2. Rebalan		<NO VALU	<NO VALU	300870.2 204949.2
10 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
10 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
10 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
10 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
20 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
20 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
30 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
30 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
16	0	0	0	
30	0	0	0	
0	0	0	0	
17.5	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPW0504	1/10/2017 8:53	59.9	31.1	0.1	8.9	0.03	982
BYPW0504	1/10/2017 8:55	59.9	31.1	0	9	-1.73	982
BYPW0504	2/3/2017 8:45	63.1	32.8	0.1	4	-0.51	963
BYPW0504	2/3/2017 8:46	63.1	32.9	0	4	-0.98	962
BYPW0504	3/3/2017 8:57	32.3	23.3	0	44.4	-0.89	964
BYPW0504	3/17/2017 8:18	60.3	30.4	0.1	9.2	0	990
BYPW0504	3/17/2017 8:20	60	30.3	0.1	9.6	-1.38	990
BYPW0504	4/21/2017 8:41	58.4	30	0.7	10.9	-1.67	999
BYPW0504	5/12/2017 9:02	35.1	23.8	0.3	40.8	-1.08	963
BYPW0504	5/24/2017 9:12	53	28.8	0.4	17.8	-0.03	996
BYPW0504	5/24/2017 9:13	53	28.8	0.4	17.8	-2.07	996
BYPW0504	6/2/2017 8:42	45.9	26.4	0	27.7	0.16	985
BYPW0504	6/2/2017 8:44	46	26.4	0	27.6	-0.51	985
BYPW0504	7/4/2017 8:33	41.7	24.3	0	34	-2.59	989
BYPW0504	8/4/2017 8:42	42.7	25.2	0	32.1	-3.12	979
BYPW0504	8/16/2017 9:21	43.3	25.5	0	31.2	-1.44	987
BYPW0504	9/7/2017 11:06	45.9	26.2	0	27.9	-1.15	982
BYPW0504	10/4/2017 8:46	32.5	24.1	0	43.4	-1.24	992
BYPW0504	10/13/2017 9:14	41	25.7	0	33.3	-1.67	988
BYPW0504	11/3/2017 8:58	47.1	27.6	0.1	25.2	-1.29	978
BYPW0504	12/8/2017 13:15	36.9	24.3	0.1	38.7	-1.76	990
Count		21	21	21	21	21	21
Max		63.1	32.9	0.7	44.4	0.16	999
Min		32.3	23.3	0	4	-3.12	962
Ave		48.62381	27.57143	0.114286	23.69048	-1.186667	982.9524
>3% O2				0			
% > 3% O2				0			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart val
<NO VALU	<NO VALU	0	5	LOW	8.52	1.93	91	0
<NO VALU	<NO VALU	0	5	LOW	9	1.93	91	5
<NO VALU	<NO VALU	7	7	LOW	3.62	1.92	95.9	5
<NO VALU	<NO VALU	7	7	LOW	4	1.92	96	10
<NO VALU	<NO VALU	1	0	LOW	44.4	1.39	55.6	10
<NO VALU	<NO VALU	7	0	LOW	8.82	1.98	90.7	0
<NO VALU	<NO VALU	7	2	LOW	9.22	1.98	90.3	5
<NO VALU	<NO VALU	0	0	LOW	8.27	1.95	88.4	5
<NO VALU	<NO VALU	4	0	LOW	39.67	1.47	58.9	5
<NO VALU	<NO VALU	9	0	LOW	16.3	1.84	81.8	0
<NO VALU	<NO VALU	10	0	LOW	16.3	1.84	81.8	5
<NO VALU	<NO VALU	6	7	LOW	27.7	1.74	72.3	0
<NO VALU	<NO VALU	6	6	LOW	27.6	1.74	72.4	5
<NO VALU	<NO VALU	5	10	LOW	34	1.72	66	5
<NO VALU	<NO VALU	0	11	LOW	32.1	1.69	67.9	5
<NO VALU	<NO VALU	5	8	LOW	31.2	1.7	68.8	5
<NO VALU	<NO VALU	2	0	LOW	27.9	1.75	72.1	5
<NO VALU	<NO VALU	4	0	LOW	43.4	1.35	56.6	5
<NO VALU	<NO VALU	0	0	LOW	33.3	1.6	66.7	1
<NO VALU	<NO VALU	2	25	LOW	24.82	1.71	74.7	1
<NO VALU	<NO VALU	1	0	LOW	38.32	1.52	61.2	1
0	0	21	21	0	21	21	21	21
0	0	10	25	0	44.4	1.98	96	10
0	0	0	0	0	3.62	1.35	55.6	0
#DIV/0!	#DIV/0!	3.952381	4.428571	#DIV/0!	23.26	1.74619	76.19524	3.952381

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 1. OK		<NO VALU	<NO VALU	300856.5	204895.6
5 1. OK		<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
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 1. OK		<NO VALU	<NO VALU	300856.5	204895.6
0 3. Investigasi		<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
5 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
1 2. Rebalan		<NO VALU	<NO VALU	300856.5	204895.6
1 1. OK		<NO VALU	<NO VALU	300856.5	204895.6
1 1. OK		<NO VALU	<NO VALU	300856.5	204895.6
0 2. Rebalan		<NO VALU	<NO VALU	300856.5	204895.6
21	0	0	0		
10	0	0	0		
0	0	0	0		
4.428571	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0505	1/10/2017 8:57	40.9	27.2	0.1	31.8	0.03	982
BYPW0505	1/10/2017 8:59	41	27.3	0	31.7	-1.33	982
BYPW0505	2/3/2017 8:49	57.5	31.9	0	10.6	-0.65	962
BYPW0505	3/3/2017 9:01	37.5	25	0	37.5	-0.29	964
BYPW0505	3/17/2017 8:22	37.9	25.7	0	36.4	0.01	990
BYPW0505	4/21/2017 8:43	51.3	28.9	0.2	19.6	-0.11	999
BYPW0505	4/21/2017 8:45	51.3	28.8	0.2	19.7	-1.53	999
BYPW0505	5/12/2017 9:03	39.2	29.5	0	31.3	-1.82	963
BYPW0505	5/24/2017 9:15	57.7	28.2	0	14.1	-1.05	996
BYPW0505	5/24/2017 9:17	57.9	28.2	0	13.9	-1.36	996
BYPW0505	6/2/2017 8:46	42.5	25.5	0	32	-0.74	985
BYPW0505	7/4/2017 8:35	43.8	28.8	0.2	27.2	-0.97	989
BYPW0505	8/4/2017 8:44	47	31.2	0	21.8	-2.8	979
BYPW0505	8/16/2017 9:23	46.7	31.3	0	22	-1.17	987
BYPW0505	9/7/2017 11:09	34.6	25.5	0	39.9	-1.92	982
BYPW0505	10/4/2017 8:49	38	26.4	0	35.6	0.05	992
BYPW0505	10/13/2017 9:16	41.4	26.8	0.1	31.7	0.61	989
BYPW0505	10/13/2017 9:18	44.9	28.2	0.1	26.8	-1.16	989
BYPW0505	11/3/2017 9:00	39.2	27.1	0	33.7	-0.09	978
BYPW0505	12/8/2017 13:18	38.5	25.8	0.1	35.6	0.1	990
	Count	20	20	20	20	20	20
	Max	57.9	31.9	0.2	39.9	0.61	999
	Min	34.6	25	0	10.6	-2.8	962
	Ave	44.44	27.865	0.05	27.645	-0.8095	984.65

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	5	LOW	31.42	1.5	68.1	0
<NO VALU	<NO VALU	0	5	LOW	31.7	1.5	68.3	5
<NO VALU	<NO VALU	4	6	LOW	10.6	1.8	89.4	5
<NO VALU	<NO VALU	1	4	LOW	37.5	1.5	62.5	5
<NO VALU	<NO VALU	2	1	LOW	36.4	1.47	63.6	0
<NO VALU	<NO VALU	0	4	LOW	18.85	1.78	80.2	0
<NO VALU	<NO VALU	0	4	LOW	18.95	1.78	80.1	5
<NO VALU	<NO VALU	3	23	LOW	31.3	1.33	68.7	5
<NO VALU	<NO VALU	7	17	LOW	14.1	2.05	85.9	5
<NO VALU	<NO VALU	6	18	LOW	13.9	2.05	86.1	10
<NO VALU	<NO VALU	4	18	LOW	32	1.67	68	5
<NO VALU	<NO VALU	5	8	LOW	26.45	1.52	72.6	5
<NO VALU	<NO VALU	7	22	LOW	21.8	1.51	78.2	5
<NO VALU	<NO VALU	7	12	LOW	22	1.49	78	5
<NO VALU	<NO VALU	1	0	LOW	39.9	1.36	60.1	5
<NO VALU	<NO VALU	6	2	LOW	35.6	1.44	64.4	0
<NO VALU	<NO VALU	0	0	LOW	31.32	1.54	68.2	0
<NO VALU	<NO VALU	0	0	LOW	26.42	1.59	73.1	5
<NO VALU	<NO VALU	1	25	LOW	33.7	1.45	66.3	0
<NO VALU	<NO VALU	1	0	LOW	35.22	1.49	64.3	0
0	0	20	20	0	20	20	20	20
0	0	7	25	0	39.9	2.05	89.4	10
0	0	0	0	0	10.6	1.33	60.1	0
#DIV/0!	#DIV/0!	2.75	8.7	#DIV/0!	27.4565	1.591	72.305	3.5

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 1. OK		<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
0 2. Rebalan		<NO VALU	<NO VALU	300845.4	204783.4
0 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
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 1. OK		<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
5 1. OK		<NO VALU	<NO VALU	300845.4	204783.4
0 2. Rebalan		<NO VALU	<NO VALU	300845.4	204783.4
0 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
0 2. Rebalan		<NO VALU	<NO VALU	300845.4	204783.4
0 2. Rebalan		<NO VALU	<NO VALU	300845.4	204783.4
20	0	0	0		
10	0	0	0		
0	0	0	0		
4	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPW0515	1/10/2017 9:47	59	44.1	0.1	0	-0.5	980
BYPW0515	2/3/2017 10:00	56.6	44.2	0.1	0	-0.93	959
BYPW0515	3/3/2017 13:17	22.4	25.7	0.4	51.5	-0.45	958
BYPW0515	4/21/2017 9:54	23.3	28.7	0.1	47.9	-0.32	998
BYPW0515	5/12/2017 9:46	56.9	44.8	0.2	0	0.07	961
BYPW0515	5/12/2017 9:47	56.4	44.8	0	0	-0.43	960
BYPW0515	6/2/2017 9:54	18.5	24.7	0.1	56.7	-0.21	983
BYPW0515	7/4/2017 9:35	57.5	43.4	0	0	0.31	987
BYPW0515	7/4/2017 9:37	57.4	43.4	0	0	-0.25	986
BYPW0515	8/4/2017 10:09	11	22.8	0.1	66.1	-0.78	977
BYPW0515	9/14/2017 11:47	54.9	42.6	0.7	1.8	-0.07	975
BYPW0515	10/4/2017 9:31	57.9	43.3	0	0	-1.21	989
BYPW0515	11/10/2017 11:36	11.7	21.6	1.7	65	-0.9	985
BYPW0515	12/12/2017 9:35	56.6	43.9	0.4	0	0.01	977
BYPW0515	12/12/2017 9:37	56.3	44.1	0.2	0	-0.43	976
	Count	15	15	15	15	15	15
	Max	59	44.8	1.7	66.1	0.31	998
	Min	11	21.6	0	0	-1.21	958
	Ave	43.76	37.47333	0.273333	19.26667	-0.406	976.7333

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	26	LOW	0	1.34	103.1	1
<NO VALU	<NO VALU	7	34	LOW	0	1.28	100.8	1
<NO VALU	<NO VALU	5	4	LOW	50	0.87	48.1	1
<NO VALU	<NO VALU	1	51	LOW	47.52	0.81	52	0
<NO VALU	<NO VALU	10	145	LOW	0	1.27	101.7	0
<NO VALU	<NO VALU	10	303	LOW	0	1.26	101.2	5
<NO VALU	<NO VALU	4	53	LOW	56.32	0.75	43.2	5
<NO VALU	<NO VALU	11	72	LOW	0	1.32	100.9	0
<NO VALU	<NO VALU	11	129	LOW	0	1.32	100.8	1
<NO VALU	<NO VALU	8	21	LOW	65.72	0.48	33.8	1
<NO VALU	<NO VALU	1	2	LOW	0	1.29	97.5	5
<NO VALU	<NO VALU	14	92	LOW	0	1.34	101.2	5
<NO VALU	<NO VALU	4	23	LOW	58.61	0.54	33.3	5
<NO VALU	<NO VALU	1	7	LOW	0	1.29	100.5	0
<NO VALU	<NO VALU	1	9	LOW	0	1.28	100.4	5
0	0	15	15	0	15	15	15	15
0	0	14	303	0	65.72	1.34	103.1	5
0	0	0	2	0	0	0.48	33.3	0
#DIV/0!	#DIV/0!	5.866667	64.73333	#DIV/0!	18.54467	1.096	81.23333	2.333333

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
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
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
15	0	0	0		
5	0	0	0		
0	0	0	0		
2.266667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPW0516	1/10/2017 9:50	52.2	36.8	0.1	10.9	-9.33	979
BYPW0516	2/3/2017 10:02	44.6	35.7	0.1	19.6	-8.82	958
BYPW0516	3/3/2017 13:20	40.9	34.1	0	25	-10.43	957
BYPW0516	4/21/2017 9:56	46.7	36.7	0	16.6	-8.13	997
BYPW0516	5/12/2017 9:50	41.3	34.3	0	24.4	-15.15	960
BYPW0516	6/2/2017 9:57	61.2	36.9	0	1.9	-0.95	982
BYPW0516	6/2/2017 9:59	61.2	36.9	0	1.9	-2.02	982
BYPW0516	7/4/2017 9:40	56.9	41.3	0	1.8	-2.41	986
BYPW0516	8/4/2017 10:15	43.1	35.1	0	21.8	-13.48	977
BYPW0516	9/14/2017 11:50	50.5	37.2	0.2	12.1	-9.1	974
BYPW0516	10/4/2017 9:34	49.7	37	0	13.3	-8.75	989
BYPW0516	11/10/2017 11:38	28.9	30.3	0	40.8	-19.14	984
BYPW0516	12/12/2017 9:43	60.5	40	0.2	0	-2.4	976
BYPW0516	12/12/2017 9:45	57.6	42.5	0.2	0	-10.45	976
	Count	14	14	14	14	14	14
	Max	61.2	42.5	0.2	40.8	-0.95	997
	Min	28.9	30.3	0	0	-19.14	957
	Ave	49.66429	36.77143	0.057143	13.57857	-8.611429	976.9286

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	44	LOW	10.52	1.42	89	5
<NO VALU	<NO VALU	5	39	LOW	19.22	1.25	80.3	5
<NO VALU	<NO VALU	6	30	LOW	25	1.2	75	5
<NO VALU	<NO VALU	3	154	LOW	16.6	1.27	83.4	5
<NO VALU	<NO VALU	6	233	LOW	24.4	1.2	75.6	5
<NO VALU	<NO VALU	4	37	LOW	1.9	1.66	98.1	5
<NO VALU	<NO VALU	4	37	LOW	1.9	1.66	98.1	10
<NO VALU	<NO VALU	10	236	LOW	1.8	1.38	98.2	10
<NO VALU	<NO VALU	15	135	LOW	21.8	1.23	78.2	10
<NO VALU	<NO VALU	2	117	LOW	11.35	1.36	87.7	10
<NO VALU	<NO VALU	11	79	LOW	13.3	1.34	86.7	10
<NO VALU	<NO VALU	5	180	LOW	40.8	0.95	59.2	10
<NO VALU	<NO VALU	0	5	LOW	0	1.51	100.5	5
<NO VALU	<NO VALU	1	30	LOW	0	1.36	100.1	10
0	0	14	14	0	14	14	14	14
0	0	15	236	0	40.8	1.66	100.5	10
0	0	0	5	0	0	0.95	59.2	5
#DIV/0!	#DIV/0!	5.142857	96.85714	#DIV/0!	13.47071	1.342143	86.43571	7.5

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
5 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 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
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
10 1. OK		<NO VALU	<NO VALU 300952.8	204740
10 1. OK		<NO VALU	<NO VALU 300952.8	204740
5 2. Rebalan		<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
14	0	0	0	
10	0	0	0	
5	0	0	0	
7.857143	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Macuum (rr	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!

[illegible]

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 (in 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	12/12/2017 12:16	47	33	0.1	19.9	-22.14	974
	Count	16	16	16	16	16	16
	Max	59.7	40.9	0.1	19.9	-2.86	997
	Min	47	33	0	0	-22.14	957
	Ave	54.1125	38.43125	0.04375	7.44375	-10.30125	981.25

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	2	3	LOW	19.52	1.42	80	30
0	0	16	16	0	16	16	16	16
0	0	12	114	0	19.52	1.52	100.5	30
0	0	1	3	0	0	1.28	80	10
#DIV/0!	#DIV/0!	6.3125	51.5625	#DIV/0!	7.2775	1.406875	92.54375	16.875

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
10 1. OK		<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
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
30 1. OK		<NO VALU	<NO VALU	300842.7 205092.3
16	0	0	0	
30	0	0	0	
10	0	0	0	
18.125	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPW0602	1/10/2017 11:21	60.7	34.8	0.1	4.4	-27.42	977
BYPW0602	2/8/2017 13:03	60.2	31.2	0.1	8.5	-45.01	990
BYPW0602	3/3/2017 11:56	0	0.1	20.7	79.2	-25.28	957
BYPW0602	4/21/2017 11:56	59.1	29.4	0.1	11.4	-0.44	997
BYPW0602	4/21/2017 11:58	59.2	29.4	0	11.4	-12.06	997
BYPW0602	5/12/2017 12:25	49.9	32.5	0.1	17.5	-8.64	959
BYPW0602	6/2/2017 13:02	60.9	35.2	0.1	3.8	-12.94	981
BYPW0602	6/2/2017 13:04	61	35.1	0	3.9	-23.65	981
BYPW0602	6/16/2017 13:28	69.7	28.8	0.1	1.4	-27.6	991
BYPW0602	6/16/2017 13:30	69.8	28.8	0.1	1.3	-27.73	990
BYPW0602	7/4/2017 12:04	56.2	34.8	0.1	8.9	-21.74	985
BYPW0602	8/11/2017 9:06	49.6	30	3.1	17.3	-35.67	984
BYPW0602	9/14/2017 14:14	52.6	32.7	0.1	14.6	-9.44	975
BYPW0602	10/4/2017 12:14	56.4	31.5	0.1	12	-37.1	986
BYPW0602	11/10/2017 12:41	71.3	30.4	0	0	-33.84	981
BYPW0602	12/12/2017 12:18	13.6	10.8	15	60.6	-31.79	974
Count		16	16	16	16	16	16
Max		71.3	35.2	20.7	79.2	-0.44	997
Min		0	0.1	0	0	-45.01	957
Ave		53.1375	28.46875	2.4875	16.0125	-23.77188	981.5625

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	4	4	LOW	4.02	1.74	95.5	10
<NO VALU	<NO VALU	7	5	LOW	8.12	1.93	91.4	10
<NO VALU	<NO VALU	3	0	LOW	1.37	0	0.1	10
<NO VALU	<NO VALU	3	8	LOW	11.02	2.01	88.5	0
<NO VALU	<NO VALU	2	8	LOW	11.4	2.01	88.6	5
<NO VALU	<NO VALU	7	8	LOW	17.12	1.54	82.4	5
<NO VALU	<NO VALU	7	9	LOW	3.42	1.73	96.1	5
<NO VALU	<NO VALU	7	9	LOW	3.9	1.74	96.1	10
<NO VALU	<NO VALU	10	13	LOW	1.02	2.42	98.5	10
<NO VALU	<NO VALU	10	13	LOW	0.92	2.42	98.6	15
<NO VALU	<NO VALU	10	9	LOW	8.52	1.61	91	15
<NO VALU	<NO VALU	12	0	LOW	5.64	1.65	79.6	15
<NO VALU	<NO VALU	1	4	LOW	14.22	1.61	85.3	10
<NO VALU	<NO VALU	18	0	LOW	11.62	1.79	87.9	10
<NO VALU	<NO VALU	6	17	LOW	0	2.35	101.7	10
<NO VALU	<NO VALU	2	0	LOW	4.2	1.26	24.4	15
0	0	16	16	0	16	16	16	16
0	0	18	17	0	17.12	2.42	101.7	15
0	0	1	0	0	0	0	0.1	0
#DIV/0!	#DIV/0!	6.8125	6.6875	#DIV/0!	6.656875	1.738125	81.60625	9.6875

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
10 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
10 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
0 2. Rebalan	<NO VALU	<NO VALU	300842.7	205092.3
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	-	-
15 1. OK	<NO VALU	<NO VALU	-	-
15 1. OK	<NO VALU	<NO VALU	-	-
15 1. OK	<NO VALU	<NO VALU	-	-
10 2. Rebalan	<NO VALU	<NO VALU	-	-
10 1. OK	<NO VALU	<NO VALU	-	-
10 1. OK	<NO VALU	<NO VALU	-	-
15 1. OK	<NO VALU	<NO VALU	-	-
0 2. Rebalan	<NO VALU	<NO VALU	-	-
16	0	0	0	
15	0	0	0	
0	0	0	0	
9.0625	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Press)
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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!

[illegible][illegible]

Comment	X GPS	Y GPS	CH4 + CO2 (%)
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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 Gr	Vacuum (in)
BYPW0606	1/10/2017 9:58	57.2	41.7	0.2	0.9	-0.22
BYPW0606	1/10/2017 10:00	54.8	38.9	0.1	6.2	-0.46
BYPW0606	2/3/2017 10:07	42	35.1	0.1	22.8	-0.44
BYPW0606	3/3/2017 12:33	41.9	34.5	0.1	23.5	-0.34
BYPW0606	4/21/2017 10:02	53.5	39.4	1.4	5.7	-0.76
BYPW0606	5/12/2017 9:55	32.5	30.7	0	36.8	-0.9
BYPW0606	6/2/2017 10:06	57.4	42.3	0.6	0	0.33
BYPW0606	6/2/2017 10:08	57.4	42.5	0.3	0	-0.28
BYPW0606	7/4/2017 9:46	53.1	39.2	0	7.7	-0.53
BYPW0606	8/4/2017 10:21	45.4	35.7	0	18.9	-0.73
BYPW0606	9/14/2017 11:58	45.7	35.5	0.2	18.6	-1.33
BYPW0606	10/4/2017 9:39	43.8	35.9	0	20.3	-3.11
BYPW0606	11/10/2017 11:46	54.5	39.1	0.2	6.2	-0.88
BYPW0606	12/12/2017 9:57	48	36.1	0.9	15	-1.03
BYPW0606	12/12/2017 10:00	37	30.7	0	32.3	-2.74
Count		15	15	15	15	15
Max		57.4	42.5	1.4	36.8	0.33
Min		32.5	30.7	0	0	-3.11
Ave		48.28	37.15333	0.273333	14.32667	-0.894667

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
978	<NO VALU	<NO VALU	0	15	LOW	0.15	1.37	98.9
978	<NO VALU	<NO VALU	0	11	LOW	5.82	1.41	93.7
958	<NO VALU	<NO VALU	5	11	LOW	22.42	1.2	77.1
957	<NO VALU	<NO VALU	8	12	LOW	23.12	1.21	76.4
996	<NO VALU	<NO VALU	3	9	LOW	0.44	1.36	92.9
959	<NO VALU	<NO VALU	5	30	LOW	36.8	1.06	63.2
981	<NO VALU	<NO VALU	8	41	LOW	0	1.36	99.7
981	<NO VALU	<NO VALU	9	16	LOW	0	1.35	99.9
985	<NO VALU	<NO VALU	9	48	LOW	7.7	1.35	92.3
976	<NO VALU	<NO VALU	16	27	LOW	18.9	1.27	81.1
974	<NO VALU	<NO VALU	1	13	LOW	17.85	1.29	81.2
988	<NO VALU	<NO VALU	11	18	LOW	20.3	1.22	79.7
983	<NO VALU	<NO VALU	5	79	LOW	5.45	1.39	93.6
976	<NO VALU	<NO VALU	1	10	LOW	11.62	1.33	84.1
976	<NO VALU	<NO VALU	0	1	LOW	32.3	1.21	67.7
15	0	0	15	15	0	15	15	15
996	0	0	16	79	0	36.8	1.41	99.9
957	0	0	0	1	0	0	1.06	63.2
976.4	#DIV/0!	#DIV/0!	5.4	22.73333	#DIV/0!	13.52467	1.292	85.43333

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)
1	5	1. OK	<NO VALU	<NO VALU	300895.7 204850.2
5	5	1. OK	<NO VALU	<NO VALU	300895.7 204850.2
5	5	1. OK	<NO VALU	<NO VALU	300895.7 204850.2
5	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	5	1. OK	<NO VALU	<NO VALU	300895.7 204850.2
5	5	1. OK	<NO VALU	<NO VALU	300895.7 204850.2
5	5	1. OK	<NO VALU	<NO VALU	300895.7 204850.2
5	5	1. OK	<NO VALU	<NO VALU	300895.7 204850.2
5	5	1. OK	<NO VALU	<NO VALU	300895.7 204850.2
5	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
15	15		0	0	0
5	5		0	0	0
1	1		0	0	0
4.466667	4.466667	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0607	1/10/2017 10:02	57.5	38.9	0.1	3.5	-1.55	978
BYPW0607	2/3/2017 10:08	44.2	33.7	0	22.1	-1.56	957
BYPW0607	3/3/2017 12:36	36.5	29.7	0	33.8	-0.14	957
BYPW0607	4/21/2017 10:04	55.6	37.8	0.1	6.5	-0.55	996
BYPW0607	4/21/2017 10:06	60	40.1	0	0	-1.36	996
BYPW0607	5/12/2017 9:57	43.5	34.2	0	22.3	-0.83	959
BYPW0607	6/2/2017 10:10	57.9	39.7	0	2.4	-0.49	981
BYPW0607	7/4/2017 9:48	50.7	36.3	0	13	-0.79	985
BYPW0607	8/4/2017 10:23	48.5	35.7	0	15.8	-2.39	976
BYPW0607	9/14/2017 12:02	38.3	30.9	0.2	30.6	-3.99	973
BYPW0607	10/4/2017 9:41	33.1	29.6	0	37.3	-1.43	988
BYPW0607	11/10/2017 11:48	54.3	36.9	0.7	8.1	-0.45	983
BYPW0607	11/10/2017 11:50	60	38.6	0.5	0.9	-1.03	983
BYPW0607	12/12/2017 10:00	37	30.7	0	32.3	-2.74	976
	Count	14	14	14	14	14	14
	Max	60	40.1	0.7	37.3	-0.14	996
	Min	33.1	29.6	0	0	-3.99	957
	Ave	48.36429	35.2	0.114286	16.32857	-1.378571	977.7143

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	3.12	1.48	96.4	1
<NO VALU	<NO VALU	4	5	LOW	22.1	1.31	77.9	1
<NO VALU	<NO VALU	6	4	LOW	33.8	1.23	66.2	1
<NO VALU	<NO VALU	2	20	LOW	6.12	1.47	93.4	0
<NO VALU	<NO VALU	2	33	LOW	0	1.5	100.1	5
<NO VALU	<NO VALU	6	13	LOW	22.3	1.27	77.7	5
<NO VALU	<NO VALU	8	15	LOW	2.4	1.46	97.6	5
<NO VALU	<NO VALU	7	9	LOW	13	1.4	87	5
<NO VALU	<NO VALU	16	8	LOW	15.8	1.36	84.2	5
<NO VALU	<NO VALU	0	3	LOW	29.85	1.24	69.2	5
<NO VALU	<NO VALU	10	4	LOW	37.3	1.12	62.7	5
<NO VALU	<NO VALU	6	10	LOW	5.47	1.47	91.2	0
<NO VALU	<NO VALU	5	20	LOW	0	1.55	98.6	5
<NO VALU	<NO VALU	0	1	LOW	32.3	1.21	67.7	5
0	0	14	14	0	14	14	14	14
0	0	16	33	0	37.3	1.55	100.1	5
0	0	0	1	0	0	1.12	62.7	0
#DIV/0!	#DIV/0!	5.142857	10.57143	#DIV/0!	15.96857	1.362143	83.56429	3.428571

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
1 1. OK		<NO VALU	<NO VALU	300850.9	204838.9
1 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
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
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
1 2. Rebalan		<NO VALU	<NO VALU	300850.9	204838.9
14	0	0	0		
5	0	0	0		
0	0	0	0		
3.428571	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0608	1/10/2017 10:05	60.4	41.7	0.6	0	-0.01	978
BYPW0608	1/10/2017 10:07	59.5	42.8	0	0	-0.44	978
BYPW0608	2/3/2017 10:10	58.2	40.4	0	1.4	-1.84	957
BYPW0608	3/3/2017 12:38	52.7	37	0	10.3	-0.7	958
BYPW0608	4/21/2017 10:08	32.7	29.8	0.1	37.4	-1.15	996
BYPW0608	5/12/2017 10:00	37.9	33.9	0	28.2	-0.7	959
BYPW0608	6/2/2017 10:12	57.4	38.8	0.3	3.5	0	981
BYPW0608	6/2/2017 10:14	59.9	41.4	0	0	-0.21	981
BYPW0608	7/4/2017 9:51	31.6	31.3	0	37.1	-0.7	985
BYPW0608	8/4/2017 10:26	53.2	39.2	0.3	7.3	-1.7	976
BYPW0608	9/14/2017 12:06	47	37	0.2	15.8	-3.01	973
BYPW0608	10/4/2017 9:43	38.5	33.3	0	28.2	-1.36	988
BYPW0608	11/10/2017 11:52	58.8	38.7	0	2.5	-0.04	983
BYPW0608	11/10/2017 11:53	59.2	40.8	0	0	-1.41	983
BYPW0608	12/12/2017 10:03	35.4	30.9	0.1	33.6	-2.28	975
	Count	15	15	15	15	15	15
	Max	60.4	42.8	0.6	37.4	0	996
	Min	31.6	29.8	0	0	-3.01	957
	Ave	49.49333	37.13333	0.106667	13.68667	-1.036667	976.7333
	>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	2 LOW	0	1.45	102.1	0	
<NO VALU	<NO VALU	0	2 LOW	0	1.39	102.3	1	
<NO VALU	<NO VALU	4	5 LOW	1.4	1.44	98.6	1	
<NO VALU	<NO VALU	5	3 LOW	10.3	1.42	89.7	5	
<NO VALU	<NO VALU	0	3 LOW	37.02	1.1	62.5	5	
<NO VALU	<NO VALU	3	8 LOW	28.2	1.12	71.8	1	
<NO VALU	<NO VALU	7	1 LOW	2.37	1.48	96.2	0	
<NO VALU	<NO VALU	6	11 LOW	0	1.45	101.3	5	
<NO VALU	<NO VALU	3	2 LOW	37.1	1.01	62.9	5	
<NO VALU	<NO VALU	12	2 LOW	6.17	1.36	92.4	1	
<NO VALU	<NO VALU	0	3 LOW	15.05	1.27	84	1	
<NO VALU	<NO VALU	8	5 LOW	28.2	1.16	71.8	1	
<NO VALU	<NO VALU	5	18 LOW	2.5	1.52	97.5	0	
<NO VALU	<NO VALU	4	34 LOW	0	1.45	100	5	
<NO VALU	<NO VALU	0	0 LOW	33.22	1.15	66.3	5	
0	0	15	15	0	15	15	15	
0	0	12	34	0	37.1	1.52	102.3	5
0	0	0	0	0	0	1.01	62.5	0
#DIV/0!	#DIV/0!	3.8	6.6	#DIV/0!	13.43533	1.318	86.62667	2.4

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
1 1. OK		<NO VALU	<NO VALU	300905.6	204831.8
1 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
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
1 2. Rebalan		<NO VALU	<NO VALU	300905.6	204831.8
1 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
1 2. Rebalan		<NO VALU	<NO VALU	300905.6	204831.8
15	0	0	0		
5	0	0	0		
0	0	0	0		
2.466667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in
BYPW1202	1/10/2017 13:19	55.9	41.4	0.1	2.6	-21.95
BYPW1202	2/8/2017 14:00	57.2	40.6	0.1	2.1	-32.58
BYPW1202	2/20/2017 8:34	54.5	40.6	0.1	4.8	-33.02
BYPW1202	2/20/2017 8:36	54.8	40.9	0.1	4.2	-36.94
BYPW1202	3/3/2017 10:18	59.1	41.9	0	0	-23.93
BYPW1202	4/21/2017 12:50	56	40.7	0	3.3	-29.91
BYPW1202	5/12/2017 13:18	59.7	42.5	0	0	-25.78
BYPW1202	6/9/2017 8:35	57.5	42	0	0.5	-48.03
BYPW1202	6/9/2017 8:36	57.8	42	0	0.2	-48.21
BYPW1202	7/4/2017 13:10	60.1	41.2	0	0	-24.79
BYPW1202	7/4/2017 13:12	60.3	41.2	0	0	-24.69
BYPW1202	8/4/2017 14:07	60.5	41.7	0	0	-34.85
BYPW1202	8/4/2017 14:08	60.4	41.8	0	0	-35.96
BYPW1202	9/14/2017 12:47	59.3	42.7	0.1	0	-34.42
BYPW1202	10/4/2017 13:10	59.5	41.7	0	0	-35.03
BYPW1202	11/14/2017 8:28	61.4	42.4	0.1	0	-27.87
BYPW1202	12/12/2017 11:20	59.4	41.7	0.1	0	-33.82
Count		17	17	17	17	17
Max		61.4	42.7	0.1	4.8	-21.95
Min		54.5	40.6	0	0	-48.21
Ave		58.43529	41.58824	0.041176	1.041176	-32.45765

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
976	<NO VALU	<NO VALU	4	19	LOW	2.22	1.35	97.3
989	<NO VALU	<NO VALU	11	21	LOW	1.72	1.41	97.8
983	<NO VALU	<NO VALU	12	64	LOW	4.42	1.34	95.1
983	<NO VALU	<NO VALU	12	61	LOW	3.82	1.34	95.7
957	<NO VALU	<NO VALU	11	25	LOW	0	1.41	101
995	<NO VALU	<NO VALU	7	90	LOW	3.3	1.38	96.7
958	<NO VALU	<NO VALU	17	183	LOW	0	1.4	102.2
972	<NO VALU	<NO VALU	17	134	LOW	0.5	1.37	99.5
972	<NO VALU	<NO VALU	16	130	LOW	0.2	1.38	99.8
984	<NO VALU	<NO VALU	29	111	LOW	0	1.46	101.3
983	<NO VALU	<NO VALU	26	109	LOW	0	1.46	101.5
976	<NO VALU	<NO VALU	41	88	LOW	0	1.45	102.2
976	<NO VALU	<NO VALU	45	87	LOW	0	1.44	102.2
973	<NO VALU	<NO VALU	6	58	LOW	0	1.39	102
985	<NO VALU	<NO VALU	29	48	LOW	0	1.43	101.2
987	<NO VALU	<NO VALU	12	169	LOW	0	1.45	103.8
974	<NO VALU	<NO VALU	4	6	LOW	0	1.42	101.1
17	0	0	17	17	0	17	17	17
995	0	0	45	183	0	4.42	1.46	103.8
957	0	0	4	6	0	0	1.34	95.1
977.8235	#DIV/0!	#DIV/0!	17.58824	82.52941	#DIV/0!	0.951765	1.404706	100.0235

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
30	30 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
30	30 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
30	40 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
40	40 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
40	40 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
40	40 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
40	40 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
40	60 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
60	60 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
60	80 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
80	80 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
80	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
17	17	0	0	0	
100	100	0	0	0	
30	30	0	0	0	
62.94118	67.05882	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW1203	1/10/2017 9:10	34	24.8	0	41.2	-0.36	982
BYPW1203	2/3/2017 9:37	46.1	25.8	0.1	28	-0.11	960
BYPW1203	3/3/2017 12:50	35.4	24	0	40.6	-0.1	958
BYPW1203	4/21/2017 8:57	22.5	21.4	0.1	56	-0.1	999
BYPW1203	5/12/2017 9:15	41.6	23.5	0.1	34.8	0	963
BYPW1203	5/12/2017 9:17	41.6	23.6	0	34.8	-1.7	961
BYPW1203	6/2/2017 9:04	59.2	24.5	0.1	16.2	-0.25	985
BYPW1203	7/4/2017 8:41	44.5	24.2	0	31.3	-0.93	989
BYPW1203	8/4/2017 9:38	38.4	27.3	0	34.3	-3.94	978
BYPW1203	8/16/2017 8:39	31.7	23.8	0	44.5	-0.79	985
BYPW1203	9/7/2017 15:13	34.6	24.1	0.1	41.2	0.04	976
BYPW1203	10/4/2017 9:01	34.7	24.8	0	40.5	0.08	990
BYPW1203	11/10/2017 10:57	46.3	24.9	0.1	28.7	0.23	981
BYPW1203	11/10/2017 10:59	46.4	25	0	28.6	-1.97	984
BYPW1203	12/12/2017 8:40	31.7	24.7	0.1	43.5	-3.35	976
	Count	15	15	15	15	15	15
	Max	59.2	27.3	0.1	56	0.23	999
	Min	22.5	21.4	0	16.2	-3.94	958
	Ave	39.24667	24.42667	0.046667	36.28	-0.883333	977.8
	>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	3 LOW		41.2	1.37	58.8	1
<NO VALU	<NO VALU	1	6 LOW		27.62	1.79	71.9	1
<NO VALU	<NO VALU	2	3 LOW		40.6	1.48	59.4	1
<NO VALU	<NO VALU	0	8 LOW		55.62	1.05	43.9	0
<NO VALU	<NO VALU	0	14 LOW		34.42	1.77	65.1	0
<NO VALU	<NO VALU	0	16 LOW		34.8	1.76	65.2	1
<NO VALU	<NO VALU	2	1 LOW		15.82	2.42	83.7	1
<NO VALU	<NO VALU	1	11 LOW		31.3	1.84	68.7	1
<NO VALU	<NO VALU	3	11 LOW		34.3	1.41	65.7	1
<NO VALU	<NO VALU	3	7 LOW		44.5	1.33	55.5	1
<NO VALU	<NO VALU	0	0 LOW		40.82	1.44	58.7	1
<NO VALU	<NO VALU	2	5 LOW		40.5	1.4	59.5	0
<NO VALU	<NO VALU	4	32 LOW		28.32	1.86	71.2	0
<NO VALU	<NO VALU	4	31 LOW		28.6	1.86	71.4	1
<NO VALU	<NO VALU	0	0 LOW		43.12	1.28	56.4	1
0	0	15	15	0	15	15	15	15
0	0	4	32	0	55.62	2.42	83.7	1
0	0	0	0	0	15.82	1.05	43.9	0
#DIV/0!	#DIV/0!	1.466667	9.866667	#DIV/0!	36.10267	1.604	63.67333	0.733333

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
1 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	
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	
1 2. Rebalan	<NO VALU	<NO VALU	300827.8	204730.9	
1 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	
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	
15	0	0	0		
1	0	0	0		
0	0	0	0		
0.733333	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPW1204	1/10/2017 9:12	40.5	27.2	0.1	32.2	-2.07	979
BYPW1204	2/3/2017 9:33	68.5	29.8	0.6	1.1	-0.88	960
BYPW1204	2/3/2017 9:35	68.6	30	0.4	1	-1.75	960
BYPW1204	3/3/2017 12:55	39.4	26.3	0.1	34.2	-0.82	959
BYPW1204	4/21/2017 9:00	36.5	26.4	0.1	37	-2.27	997
BYPW1204	5/12/2017 9:20	67.2	28.7	0.8	3.3	-0.79	961
BYPW1204	5/12/2017 9:21	70.8	29.8	0	0	-2.43	961
BYPW1204	6/2/2017 9:08	41.2	26	0.1	32.7	-1.92	983
BYPW1204	7/4/2017 8:44	67.9	27.6	0.7	3.8	-0.93	987
BYPW1204	7/4/2017 8:46	70.9	28.6	0.1	0.4	-1.82	988
BYPW1204	8/4/2017 9:36	25.8	23.8	0	50.4	-3.33	977
BYPW1204	8/16/2017 8:42	65.3	27	1.7	6	-0.89	986
BYPW1204	8/16/2017 8:44	66.6	27.9	0.2	5.3	-3.08	986
BYPW1204	9/7/2017 15:15	54.9	29.1	0.1	15.9	-0.16	977
BYPW1204	10/4/2017 8:58	50.5	28.9	0	20.6	-1.28	992
BYPW1204	11/10/2017 11:01	63.1	30.4	0	6.5	-1.33	984
BYPW1204	11/10/2017 11:03	64	30.4	0	5.6	-3.39	985
BYPW1204	12/12/2017 8:42	37.5	27	0.5	35	-6.17	977
	Count	18	18	18	18	18	18
	Max	70.9	30.4	1.7	50.4	-0.16	997
	Min	25.8	23.8	0	0	-6.17	959
	Ave	55.51111	28.05	0.305556	16.16667	-1.961667	977.7222
	>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	5	LOW	31.82	1.49	67.7	1
<NO VALU	<NO VALU	1	9	LOW	0	2.3	98.3	1
<NO VALU	<NO VALU	1	8	LOW	0	2.29	98.6	5
<NO VALU	<NO VALU	2	4	LOW	33.82	1.5	65.7	5
<NO VALU	<NO VALU	0	14	LOW	36.62	1.38	62.9	1
<NO VALU	<NO VALU	0	12	LOW	0.29	2.34	95.9	1
<NO VALU	<NO VALU	0	9	LOW	0	2.38	100.6	5
<NO VALU	<NO VALU	2	14	LOW	32.32	1.58	67.2	5
<NO VALU	<NO VALU	2	0	LOW	1.17	2.46	95.5	1
<NO VALU	<NO VALU	2	4	LOW	0.02	2.48	99.5	5
<NO VALU	<NO VALU	3	8	LOW	50.4	1.08	49.6	5
<NO VALU	<NO VALU	3	2	LOW	0	2.42	92.3	1
<NO VALU	<NO VALU	3	3	LOW	4.55	2.39	94.5	5
<NO VALU	<NO VALU	0	0	LOW	15.52	1.89	84	5
<NO VALU	<NO VALU	3	8	LOW	20.6	1.75	79.4	5
<NO VALU	<NO VALU	4	21	LOW	6.5	2.08	93.5	5
<NO VALU	<NO VALU	4	21	LOW	5.6	2.11	94.4	10
<NO VALU	<NO VALU	0	0	LOW	33.12	1.39	64.5	10
0	0	18	18	0	18	18	18	18
0	0	4	21	0	50.4	2.48	100.6	10
0	0	0	0	0	0	1.08	49.6	1
#DIV/0!	#DIV/0!	1.666667	7.888889	#DIV/0!	15.13056	1.961667	83.56111	4.222222

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	
1 2. Rebalan	<NO VALU	<NO VALU	300830.1	204700.4	
1 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	
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	
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	
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	
18	0	0	0		
10	0	0	0		
1	0	0	0		
4.444444	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	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 Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
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[illegible]

Depart val\	Comment	X GPS	Y GPS	CH4 + CO2 (%)
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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 G	Vacuum (m
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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 Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
101.3	0.5	25	10	5	10	10	10	10

[illegible]

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)
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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 Gas Vacuum (m
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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!

[illegible][illegible]

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)
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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 G	Vacuum (in Atm Pressu	
BYPW1307	1/10/2017 9:52	56.2	41.8	0	2	-8.01	978
BYPW1307	1/10/2017 9:54	56.2	41.4	0	2.4	-10.25	978
BYPW1307	2/3/2017 10:04	44.9	36.6	0	18.5	-15.01	957
BYPW1307	3/3/2017 13:22	41.1	35.4	0	23.5	-12.9	957
BYPW1307	4/21/2017 9:58	47.1	36.9	0	16	-16.14	996
BYPW1307	5/12/2017 9:52	40	35.1	0	24.9	-23.77	960
BYPW1307	6/2/2017 10:01	52.6	40	0	7.4	-4	982
BYPW1307	6/2/2017 10:03	52.4	39.4	0	8.2	-7.74	980
BYPW1307	7/4/2017 9:42	50	37.9	0	12.1	-9.62	985
BYPW1307	8/4/2017 10:19	43.7	36.7	0	19.6	-17.97	976
BYPW1307	9/14/2017 11:53	50.5	37.3	0.2	12	-18.02	974
BYPW1307	10/4/2017 9:36	48.2	37.1	0	14.7	-18.69	988
BYPW1307	11/10/2017 11:43	39	35	0	26	-18.63	983
BYPW1307	12/12/2017 9:47	58.9	40.6	0.2	0.3	-7.98	976
	Count	14	14	14	14	14	14
	Max	58.9	41.8	0.2	26	-4	996
	Min	39	35	0	0.3	-23.77	957
	Ave	48.62857	37.94286	0.028571	13.4	-13.48071	976.4286
	>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	68	LOW	2	1.34	98	10
<NO VALU	<NO VALU	0	63	LOW	2.4	1.36	97.6	20
<NO VALU	<NO VALU	5	47	LOW	18.5	1.23	81.5	20
<NO VALU	<NO VALU	7	45	LOW	23.5	1.16	76.5	20
<NO VALU	<NO VALU	3	170	LOW	16	1.28	84	10
<NO VALU	<NO VALU	7	361	LOW	24.9	1.14	75.1	10
<NO VALU	<NO VALU	9	393	LOW	7.4	1.32	92.6	5
<NO VALU	<NO VALU	9	397	LOW	8.2	1.33	91.8	10
<NO VALU	<NO VALU	12	214	LOW	12.1	1.32	87.9	10
<NO VALU	<NO VALU	19	181	LOW	19.6	1.19	80.4	10
<NO VALU	<NO VALU	2	171	LOW	11.25	1.35	87.8	10
<NO VALU	<NO VALU	14	79	LOW	14.7	1.3	85.3	10
<NO VALU	<NO VALU	6	283	LOW	26	1.11	74	10
<NO VALU	<NO VALU	2	21	LOW	0	1.45	99.5	5
0	0	14	14	0	14	14	14	14
0	0	19	397	0	26	1.45	99.5	20
0	0	0	21	0	0	1.11	74	5
#DIV/0!	#DIV/0!	6.785714	178.0714	#DIV/0!	13.325	1.277143	86.57143	11.42857

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
20 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
20 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
20 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
10 1. OK		<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
10 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
10 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
10 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
10 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
10 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
10 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
5 2. Rebalan		<NO VALU	<NO VALU	300947.9	204730.2
5 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
14	0	0	0		
20	0	0	0		
5	0	0	0		
11.07143	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPW1308	1/10/2017 11:15	56.2	39.6	0.1	4.1	-9.67	977
BYPW1308	2/8/2017 12:55	47.6	37.6	0.2	14.6	-18.24	991
BYPW1308	3/3/2017 11:51	56.3	40.4	0.1	3.2	-9.75	958
BYPW1308	3/17/2017 12:27	50.7	37	0.1	12.2	-25.25	983
BYPW1308	4/21/2017 11:52	52	38.2	0.1	9.7	-23	995
BYPW1308	5/12/2017 12:19	50.4	38.9	0.1	10.6	-20.7	960
BYPW1308	6/2/2017 12:56	54.1	39	0.1	6.8	-27.04	981
BYPW1308	7/4/2017 11:55	53	38.4	0.1	8.5	-16.42	984
BYPW1308	7/4/2017 11:57	53.2	38.5	0.1	8.2	-18.71	985
BYPW1308	8/11/2017 9:01	47	37.8	0.1	15.1	-27.88	984
BYPW1308	9/14/2017 14:08	50.4	38.2	0	11.4	-27.46	975
BYPW1308	10/4/2017 11:39	48	37.4	0.1	14.5	-28.68	987
BYPW1308	11/10/2017 12:36	54.5	39.3	0	6.2	-21.71	981
BYPW1308	12/12/2017 12:23	53	38.7	0.1	8.2	-26.05	974
	Count	14	14	14	14	14	14
	Max	56.3	40.4	0.2	15.1	-9.67	995
	Min	47	37	0	3.2	-28.68	958
	Ave	51.88571	38.5	0.092857	9.521429	-21.46857	979.6429
	>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	6	9 LOW		3.72	1.42	95.8	20
<NO VALU	<NO VALU	10	10 LOW		13.85	1.27	85.2	20
<NO VALU	<NO VALU	11	8 LOW		2.82	1.39	96.7	20
<NO VALU	<NO VALU	12	5 LOW		11.82	1.37	87.7	20
<NO VALU	<NO VALU	5	28 LOW		9.32	1.36	90.2	20
<NO VALU	<NO VALU	10	28 LOW		10.22	1.3	89.3	20
<NO VALU	<NO VALU	11	30 LOW		6.42	1.39	93.1	20
<NO VALU	<NO VALU	13	23 LOW		8.12	1.38	91.4	20
<NO VALU	<NO VALU	13	24 LOW		7.82	1.38	91.7	25
<NO VALU	<NO VALU	12	15 LOW		14.72	1.24	84.8	25
<NO VALU	<NO VALU	4	15 LOW		11.4	1.32	88.6	25
<NO VALU	<NO VALU	17	13 LOW		14.12	1.28	85.4	25
<NO VALU	<NO VALU	6	39 LOW		6.2	1.39	93.8	25
<NO VALU	<NO VALU	3	2 LOW		7.82	1.37	91.7	25
0	0	14	14	0	14	14	14	14
0	0	17	39	0	14.72	1.42	96.7	25
0	0	3	2	0	2.82	1.24	84.8	20
#DIV/0!	#DIV/0!	9.5	17.78571	#DIV/0!	9.169286	1.347143	90.38571	22.14286

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
20 1. OK		<NO VALU	<NO VALU	300949.5 204780.5
20 1. OK		<NO VALU	<NO VALU	300949.5 204780.5
20 1. OK		<NO VALU	<NO VALU	300949.5 204780.5
20 1. OK		<NO VALU	<NO VALU	300949.5 204780.5
20 1. OK		<NO VALU	<NO VALU	300949.5 204780.5
20 1. OK		<NO VALU	<NO VALU	300949.5 204780.5
20 1. OK		<NO VALU	<NO VALU	300949.5 204780.5
25 1. OK		<NO VALU	<NO VALU	300949.5 204780.5
25 1. OK		<NO VALU	<NO VALU	300949.5 204780.5
25 1. OK		<NO VALU	<NO VALU	300949.5 204780.5
25 1. OK		<NO VALU	<NO VALU	300949.5 204780.5
25 1. OK		<NO VALU	<NO VALU	300949.5 204780.5
25 1. OK		<NO VALU	<NO VALU	300949.5 204780.5
25 1. OK		<NO VALU	<NO VALU	300949.5 204780.5
14	0	0	0	
25	0	0	0	
20	0	0	0	
22.5	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Press)	
	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!			

[illegible]

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 Gas	Vacuum (in)
BYPW0702	1/10/2017 11:27	47.6	32.9	0.1	19.4	-2.36
BYPW0702	2/8/2017 13:08	47.7	31.4	0.1	20.8	-6.6
BYPW0702	3/3/2017 12:00	48.4	32.3	0.1	19.2	-3.14
BYPW0702	4/21/2017 12:04	56.1	36.8	0.1	7	-3.53
BYPW0702	5/12/2017 12:30	40.9	30.7	0	28.4	-8.99
BYPW0702	6/2/2017 13:09	59.1	36.5	0.1	4.3	-4.71
BYPW0702	6/16/2017 13:34	47	31.1	0	21.9	-5.38
BYPW0702	7/4/2017 12:09	46.8	32.6	0	20.6	-3.69
BYPW0702	8/11/2017 9:12	45.3	32.4	0	22.3	-5.38
BYPW0702	9/14/2017 14:20	47.2	32.6	0	20.2	-8.91
BYPW0702	10/4/2017 12:19	44.8	30.3	0	24.9	-6.29
BYPW0702	11/10/2017 12:48	55.3	34	0	10.7	-4.8
BYPW0702	12/12/2017 12:13	48.2	31.2	0	20.6	-7.34
Count		13	13	13	13	13
Max		59.1	36.8	0.1	28.4	-2.36
Min		40.9	30.3	0	4.3	-8.99
Ave		48.8	32.67692	0.038462	18.48462	-5.470769
>3% O2				0		
% > 3% O2				0		

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
977	<NO VALU	<NO VALU	3	5	LOW	19.02	1.45	80.5
990	<NO VALU	<NO VALU	6	7	LOW	20.42	1.52	79.1
957	<NO VALU	<NO VALU	7	6	LOW	18.82	1.5	80.7
997	<NO VALU	<NO VALU	3	13	LOW	6.62	1.52	92.9
960	<NO VALU	<NO VALU	6	14	LOW	28.4	1.33	71.6
981	<NO VALU	<NO VALU	9	16	LOW	3.92	1.62	95.6
989	<NO VALU	<NO VALU	8	10	LOW	21.9	1.51	78.1
985	<NO VALU	<NO VALU	9	9	LOW	20.6	1.44	79.4
984	<NO VALU	<NO VALU	6	5	LOW	22.3	1.4	77.7
975	<NO VALU	<NO VALU	1	4	LOW	20.2	1.45	79.8
987	<NO VALU	<NO VALU	11	8	LOW	24.9	1.48	75.1
981	<NO VALU	<NO VALU	4	23	LOW	10.7	1.63	89.3
974	<NO VALU	<NO VALU	2	1	LOW	20.6	1.54	79.4
13	0	0	13	13	0	13	13	13
997	0	0	11	23	0	28.4	1.63	95.6
957	0	0	1	1	0	3.92	1.33	71.6
979.7692	#DIV/0!	#DIV/0!	5.769231	9.307692	#DIV/0!	18.33846	1.491538	81.47692

Depart	val	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	2. Rebalan	<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	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
13	13		0	0	0	
5	5		0	0	0	
5	5		0	0	0	
5	5	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (r	Atm Press
BYPW0703	1/10/2017 11:31	59.3	42.5	0.2	0	-35.53	976
BYPW0703	2/8/2017 13:12	59.6	42.9	0.2	0	-46.28	990
BYPW0703	3/3/2017 12:05	58	43.2	0.1	0	-24.89	957
BYPW0703	4/21/2017 12:08	59.2	42.5	0.1	0	-33.52	997
BYPW0703	5/12/2017 12:34	58.7	44.1	0	0	-27.04	959
BYPW0703	6/2/2017 13:14	58.5	44.5	0	0	-51.19	981
BYPW0703	7/4/2017 12:14	56.7	42	0.5	0.8	-24.53	984
BYPW0703	8/11/2017 9:17	57.6	43.4	0.1	0	-34.92	984
BYPW0703	9/14/2017 14:24	57.7	44	0.1	0	-31.85	975
BYPW0703	10/4/2017 12:23	59	43.1	0	0	-37.14	986
BYPW0703	11/10/2017 12:52	59.4	43.6	0.1	0	-32.95	981
BYPW0703	12/12/2017 12:06	57.8	40.9	0.4	0.9	-31.29	974
	Count	12	12	12	12	12	12
	Max	59.6	44.5	0.5	0.9	-24.53	997
	Min	56.7	40.9	0	0	-51.19	957
	Ave	58.45833	43.05833	0.15	0.141667	-34.26083	978.6667
	>3% O2			#REF!			
	% > 3% O2			#REF!			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual	CH4/CO2	Original V	Depart val
<NO VALU	<NO VALU	7	35	LOW	0	1.4	101.8	100
<NO VALU	<NO VALU	13	31	LOW	0	1.39	102.5	100
<NO VALU	<NO VALU	18	25	LOW	0	1.34	101.2	100
<NO VALU	<NO VALU	5	66	LOW	0	1.39	101.7	100
<NO VALU	<NO VALU	19	87	LOW	0	1.33	102.8	100
<NO VALU	<NO VALU	20	77	LOW	0	1.31	103	100
<NO VALU	<NO VALU	21	39	LOW	0	1.35	98.7	100
<NO VALU	<NO VALU	17	54	LOW	0	1.33	101	100
<NO VALU	<NO VALU	6	45	LOW	0	1.31	101.7	100
<NO VALU	<NO VALU	28	45	LOW	0	1.37	102.1	100
<NO VALU	<NO VALU	7	130	LOW	0	1.36	103	100
<NO VALU	<NO VALU	4	8	LOW	0	1.41	98.7	100
0	0	12	12	0	12	12	12	12
0	0	28	130	0	0	1.41	103	100
0	0	4	8	0	0	1.31	98.7	100
#DIV/0!	#DIV/0!	13.75	53.5	#DIV/0!	0	1.3575	101.5167	100

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
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
12	0	0	0	
100	0	0	0	
100	0	0	0	
100	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Press)	
BYPW0704	1/10/2017 11:36	59.6	41.7	0.2	0	-2.31	976
BYPW0704	1/10/2017 11:38	59.7	41.7	0.1	0	-11.04	976
BYPW0704	2/8/2017 13:14	42.3	34.7	0.1	22.9	-19.75	990
BYPW0704	3/3/2017 12:07	50.5	36.6	0.1	12.8	-9.62	957
BYPW0704	4/21/2017 12:10	59.4	40.6	0	0	-6.08	996
BYPW0704	5/12/2017 12:36	46.6	35.9	0	17.5	-10.69	959
BYPW0704	6/2/2017 13:16	57	40.1	0	2.9	-6.4	981
BYPW0704	6/16/2017 13:37	46.7	35.6	0.1	17.6	-11.34	989
BYPW0704	7/4/2017 12:16	45.3	35.5	0	19.2	-9.98	984
BYPW0704	8/11/2017 9:19	49.9	37.2	0	12.9	-14.24	983
BYPW0704	8/11/2017 9:21	49.9	37.2	0	12.9	-15.87	984
BYPW0704	9/14/2017 14:27	46.1	35.3	0.1	18.5	-16.65	974
BYPW0704	10/4/2017 12:25	44	34.3	0	21.7	-18.05	986
BYPW0704	11/10/2017 12:54	60.6	42	0	0	-9.89	981
BYPW0704	12/12/2017 12:04	44.9	33.8	0.1	21.2	-17.63	974
	Count	15	15	15	15	15	15
	Max	60.6	42	0.2	22.9	-2.31	996
	Min	42.3	33.8	0	0	-19.75	957
	Ave	50.83333	37.48	0.053333	12.00667	-11.96933	979.3333

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	5	20	LOW	0	1.43	101.3	20
<NO VALU	<NO VALU	5	21	LOW	0	1.43	101.4	30
<NO VALU	<NO VALU	8	13	LOW	22.52	1.22	77	30
<NO VALU	<NO VALU	9	15	LOW	12.42	1.38	87.1	30
<NO VALU	<NO VALU	4	58	LOW	0	1.46	100	30
<NO VALU	<NO VALU	11	63	LOW	17.5	1.3	82.5	30
<NO VALU	<NO VALU	13	71	LOW	2.9	1.42	97.1	30
<NO VALU	<NO VALU	12	38	LOW	17.22	1.31	82.3	30
<NO VALU	<NO VALU	13	38	LOW	19.2	1.28	80.8	30
<NO VALU	<NO VALU	12	24	LOW	12.9	1.34	87.1	30
<NO VALU	<NO VALU	12	27	LOW	12.9	1.34	87.1	40
<NO VALU	<NO VALU	3	16	LOW	18.12	1.31	81.4	40
<NO VALU	<NO VALU	15	16	LOW	21.7	1.28	78.3	40
<NO VALU	<NO VALU	5	86	LOW	0	1.44	102.6	40
<NO VALU	<NO VALU	3	3	LOW	20.82	1.33	78.7	50
0	0	15	15	0	15	15	15	15
0	0	15	86	0	22.52	1.46	102.6	50
0	0	3	3	0	0	1.22	77	20
#DIV/0!	#DIV/0!	8.666667	33.93333	#DIV/0!	11.88	1.351333	88.31333	33.33333

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
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
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
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
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
40 1. OK		<NO VALU	<NO VALU	300929.1 204890.3
15	0	0	0	
50	0	0	0	
30	0	0	0	
34.66667	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0705	1/10/2017 11:52	67.5	34.9	0.1	0	-33.95	975
BYPW0705	2/8/2017 13:30	67.7	35.3	0.1	0	-44.61	989
BYPW0705	3/3/2017 12:27	66.9	33.6	0.1	0	-27.12	956
BYPW0705	4/21/2017 12:22	67.7	31.3	0.3	0.7	-33.34	996
BYPW0705	5/12/2017 12:48	66.8	33.5	0.2	0	-27.32	958
BYPW0705	6/2/2017 13:31	67.6	34.5	0	0	-49.27	980
BYPW0705	7/4/2017 12:29	66.7	32	0.5	0.8	-24.94	983
BYPW0705	8/11/2017 9:34	69.8	32.4	0.1	0	-34.14	983
BYPW0705	9/14/2017 14:42	69.6	32.5	0.1	0	-31.88	974
BYPW0705	10/4/2017 12:47	70.7	30.4	0.2	0	-34.56	985
BYPW0705	11/10/2017 13:17	70	29.5	0.4	0.1	-28.88	981
BYPW0705	12/12/2017 11:58	71.3	29.9	0.2	0	-31.05	974
	Count	12	12	12	12	12	12
	Max	71.3	35.3	0.5	0.8	-24.94	996
	Min	66.7	29.5	0	0	-49.27	956
	Ave	68.525	32.48333	0.191667	0.133333	-33.42167	977.8333

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	2	8	LOW	0	1.93	102.4	100
<NO VALU	<NO VALU	10	11	LOW	0	1.92	103	100
<NO VALU	<NO VALU	10	8	LOW	0	1.99	100.5	100
<NO VALU	<NO VALU	4	14	LOW	0	2.16	99	100
<NO VALU	<NO VALU	13	24	LOW	0	1.99	100.3	100
<NO VALU	<NO VALU	14	39	LOW	0	1.96	102.1	100
<NO VALU	<NO VALU	18	26	LOW	0	2.08	98.7	100
<NO VALU	<NO VALU	26	18	LOW	0	2.15	102.2	100
<NO VALU	<NO VALU	7	8	LOW	0	2.14	102.1	100
<NO VALU	<NO VALU	31	11	LOW	0	2.33	101.1	100
<NO VALU	<NO VALU	3	36	LOW	0	2.37	99.5	100
<NO VALU	<NO VALU	3	2	LOW	0	2.38	101.2	100
0	0	12	12	0	12	12	12	12
0	0	31	39	0	0	2.38	103	100
0	0	2	2	0	0	1.92	98.7	100
#DIV/0!	#DIV/0!	11.75	17.08333	#DIV/0!	0	2.116667	101.0083	100

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
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
12	0	0	0		
100	0	0	0		
100	0	0	0		
100	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0706	1/10/2017 11:55	60.6	41.6	0.1	0	-34.91	976
BYPW0706	2/8/2017 13:32	60.7	41.8	0.1	0	-45.59	990
BYPW0706	3/3/2017 12:29	59.7	40.7	0	0	-26.53	957
BYPW0706	4/21/2017 12:25	61	40.8	0.1	0	-33.42	997
BYPW0706	5/12/2017 12:51	61.9	42	0	0	-27.89	959
BYPW0706	6/2/2017 13:34	62	42.3	0	0	-49.51	981
BYPW0706	7/4/2017 12:40	60.3	41.2	0.1	0	-23.84	984
BYPW0706	8/11/2017 9:36	60.8	41.2	0	0	-34.32	984
BYPW0706	9/14/2017 14:45	60.2	41.6	0.1	0	-32.33	975
BYPW0706	10/4/2017 12:50	61.3	40.5	0	0	-34.45	986
BYPW0706	11/10/2017 13:19	62.2	40.6	0	0	-30.01	981
BYPW0706	12/12/2017 11:56	61.3	39.4	0.1	0	-31.36	974
	Count	12	12	12	12	12	12
	Max	62.2	42.3	0.1	0	-23.84	997
	Min	59.7	39.4	0	0	-49.51	957
	Ave	61	41.14167	0.05	0	-33.68	978.6667

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	2	8	LOW	0	1.46	102.2	100
<NO VALU	<NO VALU	10	6	LOW	0	1.45	102.5	100
<NO VALU	<NO VALU	10	7	LOW	0	1.47	100.4	100
<NO VALU	<NO VALU	5	16	LOW	0	1.5	101.8	100
<NO VALU	<NO VALU	19	28	LOW	0	1.47	103.9	100
<NO VALU	<NO VALU	19	32	LOW	0	1.47	104.3	100
<NO VALU	<NO VALU	19	16	LOW	0	1.46	101.5	100
<NO VALU	<NO VALU	19	10	LOW	0	1.48	102	100
<NO VALU	<NO VALU	4	8	LOW	0	1.45	101.8	100
<NO VALU	<NO VALU	20	13	LOW	0	1.51	101.8	100
<NO VALU	<NO VALU	4	25	LOW	0	1.53	102.8	100
<NO VALU	<NO VALU	3	1	LOW	0	1.56	100.7	100
0	0	12	12	0	12	12	12	12
0	0	20	32	0	0	1.56	104.3	100
0	0	2	1	0	0	1.45	100.4	100
#DIV/0!	#DIV/0!	11.16667	14.16667	#DIV/0!	0	1.484167	102.1417	100

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100 1. OK		<NO VALU	<NO VALU	300965.4	204847.3
100 1. OK		<NO VALU	<NO VALU	300965.4	204847.3
100 1. OK		<NO VALU	<NO VALU	300965.4	204847.3
100 1. OK		<NO VALU	<NO VALU	300965.4	204847.3
100 1. OK		<NO VALU	<NO VALU	300965.4	204847.3
100 1. OK		<NO VALU	<NO VALU	300965.4	204847.3
100 1. OK		<NO VALU	<NO VALU	300965.4	204847.3
100 1. OK		<NO VALU	<NO VALU	300965.4	204847.3
100 1. OK		<NO VALU	<NO VALU	300965.4	204847.3
100 1. OK		<NO VALU	<NO VALU	300965.4	204847.3
100 1. OK		<NO VALU	<NO VALU	300965.4	204847.3
100 1. OK		<NO VALU	<NO VALU	300965.4	204847.3
12	0	0	0		
100	0	0	0		
100	0	0	0		
100	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu
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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
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[illegible]

Comment	X GPS	Y GPS	CH4 + CO2 (%)
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0	0	0	0
0	0	0	0
0	0	0	0

#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
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Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu
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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!

[illegible][illegible]

Comment	X GPS	Y GPS	CH4 + CO2 (%)
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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 (rr Atm Pressu	
BYPW1001	1/10/2017 13:34	34.1	32.4	0.1	33.4	-1.83	976
BYPW1001	1/18/2017 11:59	47.4	35.1	0.1	17.4	-0.5	1001
BYPW1001	2/8/2017 14:23	56.1	38	0	5.9	-0.91	990
BYPW1001	3/3/2017 10:08	54.8	39.2	0.1	5.9	-0.16	957
BYPW1001	4/21/2017 12:48	24.2	27.9	0.1	47.8	-2.51	995
BYPW1001	5/12/2017 13:23	56.4	41.9	0.5	1.2	0	958
BYPW1001	5/12/2017 13:25	57.1	42.1	0	0.8	-0.38	958
BYPW1001	6/9/2017 8:41	41.2	34	0	24.8	-1.73	971
BYPW1001	7/4/2017 13:17	46.4	35.5	0.1	18	-0.45	983
BYPW1001	8/4/2017 13:43	48.3	36.3	0	15.4	-1.74	976
BYPW1001	9/14/2017 12:28	43.9	35.1	0.2	20.8	-2.38	972
BYPW1001	10/4/2017 13:16	40	33.7	0	26.3	-1.25	985
BYPW1001	11/14/2017 8:35	41	34.4	0.1	24.5	-0.82	987
BYPW1001	12/8/2017 14:11	57.1	37.6	0.1	5.2	-0.28	983
BYPW1001	12/8/2017 14:14	56.6	37.5	0.2	5.7	-0.97	983
	Count	15	15	15	15	15	15
	Max	57.1	42.1	0.5	47.8	0	1001
	Min	24.2	27.9	0	0.8	-2.51	957
	Ave	46.97333	36.04667	0.106667	16.87333	-1.060667	978.3333

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	3	LOW	33.02	1.05	66.5	5
<NO VALU	<NO VALU	1	18	LOW	17.02	1.35	82.5	1
<NO VALU	<NO VALU	10	10	LOW	5.9	1.48	94.1	1
<NO VALU	<NO VALU	10	18	LOW	5.52	1.4	94	1
<NO VALU	<NO VALU	5	14	LOW	47.42	0.87	52.1	1
<NO VALU	<NO VALU	15	2	LOW	0	1.35	98.3	0
<NO VALU	<NO VALU	16	2	LOW	0.8	1.36	99.2	5
<NO VALU	<NO VALU	11	23	LOW	24.8	1.21	75.2	5
<NO VALU	<NO VALU	18	15	LOW	17.62	1.31	81.9	5
<NO VALU	<NO VALU	25	38	LOW	15.4	1.33	84.6	5
<NO VALU	<NO VALU	2	9	LOW	20.05	1.25	79	5
<NO VALU	<NO VALU	24	13	LOW	26.3	1.19	73.7	5
<NO VALU	<NO VALU	12	63	LOW	24.12	1.19	75.4	1
<NO VALU	<NO VALU	2	0	LOW	4.82	1.52	94.7	1
<NO VALU	<NO VALU	2	0	LOW	4.95	1.51	94.1	5
0	0	15	15	0	15	15	15	15
0	0	25	63	0	47.42	1.52	99.2	5
0	0	0	0	0	0	0.87	52.1	0
#DIV/0!	#DIV/0!	10.2	15.2	#DIV/0!	16.516	1.291333	83.02	3.066667

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
1 2. Rebalan	<NO VALU	<NO VALU	300960.2	205070.3	
1 1. OK	<NO VALU	<NO VALU	300960.2	205070.3	
1 1. OK	<NO VALU	<NO VALU	300960.2	205070.3	
1 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	
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 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	
15	0	0	0		
5	0	0	0		
0	0	0	0		
3.066667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW1002	1/10/2017 13:32	41.2	33.9	0.1	24.8	-5.8	976
BYPW1002	1/18/2017 11:56	47.7	34	0.1	18.2	-1.73	1001
BYPW1002	2/8/2017 14:21	58.1	36.3	0	5.6	-2.49	990
BYPW1002	2/20/2017 8:31	46.6	34.9	0.1	18.4	-3.81	984
BYPW1002	3/3/2017 10:05	51.5	36	0.1	12.4	-0.62	958
BYPW1002	4/21/2017 13:04	29.8	28.4	0	41.8	-9.39	996
BYPW1002	5/12/2017 13:27	54.3	34.8	0	10.9	-2.33	958
BYPW1002	6/9/2017 8:43	41.7	31.7	0	26.6	-8.28	972
BYPW1002	6/16/2017 13:42	43.6	32.1	0.1	24.2	-2.96	989
BYPW1002	7/4/2017 13:20	47.6	32.9	0	19.5	-2.47	983
BYPW1002	8/4/2017 13:53	50.8	34.3	0	14.9	-4.97	976
BYPW1002	9/14/2017 12:31	48	34.8	0.2	17	-6.54	972
BYPW1002	10/4/2017 13:19	41.3	32.8	0	25.9	-4.47	985
BYPW1002	11/14/2017 8:37	47.1	34.4	0.1	18.4	-2.87	987
BYPW1002	12/8/2017 14:07	58.5	34.7	0.1	6.7	-1.61	983
BYPW1002	12/8/2017 14:08	58	33.9	0.1	8	-2.74	983
	Count	16	16	16	16	16	16
	Max	58.5	36.3	0.2	41.8	-0.62	1001
	Min	29.8	28.4	0	5.6	-9.39	958
	Ave	47.8625	33.74375	0.0625	18.33125	-3.9425	980.8125

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	4	LOW	24.42	1.22	75.1	20
<NO VALU	<NO VALU	0	8	LOW	17.82	1.4	81.7	10
<NO VALU	<NO VALU	8	5	LOW	5.6	1.6	94.4	10
<NO VALU	<NO VALU	8	18	LOW	18.02	1.34	81.5	10
<NO VALU	<NO VALU	6	8	LOW	12.02	1.43	87.5	10
<NO VALU	<NO VALU	4	19	LOW	41.8	1.05	58.2	10
<NO VALU	<NO VALU	13	37	LOW	10.9	1.56	89.1	5
<NO VALU	<NO VALU	8	22	LOW	26.6	1.32	73.4	20
<NO VALU	<NO VALU	11	27	LOW	23.82	1.36	75.7	10
<NO VALU	<NO VALU	15	23	LOW	19.5	1.45	80.5	10
<NO VALU	<NO VALU	21	22	LOW	14.9	1.48	85.1	10
<NO VALU	<NO VALU	1	1	LOW	16.25	1.38	82.8	10
<NO VALU	<NO VALU	20	10	LOW	25.9	1.26	74.1	10
<NO VALU	<NO VALU	11	35	LOW	18.02	1.37	81.5	5
<NO VALU	<NO VALU	2	0	LOW	6.32	1.69	93.2	5
<NO VALU	<NO VALU	2	0	LOW	7.62	1.71	91.9	10
0	0	16	16	0	16	16	16	16
0	0	21	37	0	41.8	1.71	94.4	20
0	0	0	0	0	5.6	1.05	58.2	5
#DIV/0!	#DIV/0!	8.125	14.9375	#DIV/0!	18.09438	1.41375	81.60625	10.3125

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
10 1. OK		<NO VALU	<NO VALU	300940.2	205038.4
10 No comme		<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
10 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
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
16	0	0	0		
10	0	0	0		
5	0	0	0		
8.75	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW1003	1/10/2017 13:30	45.4	36	0.1	18.5	-7.63	976
BYPW1003	1/18/2017 11:54	54.9	39.4	0.1	5.6	-3.13	1002
BYPW1003	2/8/2017 14:11	55	39.1	0.1	5.8	-4.98	990
BYPW1003	2/20/2017 8:29	50.3	37.5	0.2	12	-5.19	984
BYPW1003	3/3/2017 10:02	55.7	40.1	0.1	4.1	-1.7	958
BYPW1003	4/21/2017 13:02	36.6	31.6	0.1	31.7	-10.37	996
BYPW1003	4/25/2017 12:21	54.4	39	0.2	6.4	-5.44	976
BYPW1003	4/25/2017 12:23	54.7	39.2	0.1	6	-7.06	976
BYPW1003	5/12/2017 13:29	47.9	35.7	0	16.4	-6.56	958
BYPW1003	6/9/2017 8:45	51.3	38.1	0	10.6	-6.75	972
BYPW1003	6/9/2017 8:47	51.5	38.1	0	10.4	-7.61	972
BYPW1003	7/4/2017 13:22	49.7	35.6	0	14.7	-4.27	984
BYPW1003	8/4/2017 13:54	51.5	36.5	0	12	-8.75	976
BYPW1003	9/14/2017 12:34	47.4	36.1	0.1	16.4	-11.77	973
BYPW1003	10/4/2017 13:21	44.9	34.6	0	20.5	-9.19	985
BYPW1003	11/14/2017 8:39	53.8	39	0.1	7.1	-3.75	987
BYPW1003	12/8/2017 14:03	58	39.7	0.2	2.1	-3.06	984
BYPW1003	12/8/2017 14:04	57.9	39.9	0.1	2.1	-4.55	983
	Count	18	18	18	18	18	18
	Max	58	40.1	0.2	31.7	-1.7	1002
	Min	36.6	31.6	0	2.1	-11.77	958
	Ave	51.16111	37.51111	0.083333	11.24444	-6.208889	979.5556

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	1	6	LOW	18.12	1.26	81.4	50
<NO VALU	<NO VALU	2	16	LOW	5.22	1.39	94.3	50
<NO VALU	<NO VALU	11	10	LOW	5.42	1.41	94.1	50
<NO VALU	<NO VALU	10	28	LOW	11.25	1.34	87.8	50
<NO VALU	<NO VALU	9	16	LOW	3.72	1.39	95.8	50
<NO VALU	<NO VALU	5	16	LOW	31.32	1.16	68.2	50
<NO VALU	<NO VALU	5	47	LOW	5.65	1.39	93.4	20
<NO VALU	<NO VALU	6	51	LOW	5.62	1.4	93.9	50
<NO VALU	<NO VALU	14	40	LOW	16.4	1.34	83.6	20
<NO VALU	<NO VALU	14	51	LOW	10.6	1.35	89.4	20
<NO VALU	<NO VALU	14	53	LOW	10.4	1.35	89.6	50
<NO VALU	<NO VALU	18	27	LOW	14.7	1.4	85.3	50
<NO VALU	<NO VALU	24	31	LOW	12	1.41	88	50
<NO VALU	<NO VALU	2	2	LOW	16.02	1.31	83.5	50
<NO VALU	<NO VALU	19	6	LOW	20.5	1.3	79.5	50
<NO VALU	<NO VALU	12	55	LOW	6.72	1.38	92.8	50
<NO VALU	<NO VALU	3	3	LOW	1.35	1.46	97.7	10
<NO VALU	<NO VALU	3	3	LOW	1.72	1.45	97.8	30
0	0	18	18	0	18	18	18	18
0	0	24	55	0	31.32	1.46	97.8	50
0	0	1	2	0	1.35	1.16	68.2	10
#DIV/0!	#DIV/0!	9.555556	25.61111	#DIV/0!	10.92944	1.360556	88.67222	41.66667

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
20 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
20 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
30 1. OK		<NO VALU	<NO VALU	300923.1 205008.8
30 1. OK		<NO VALU	<NO VALU	300923.1 205008.8
18	0	0	0	
50	0	0	0	
20	0	0	0	
44.44444	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Press)	
BYPW1004	1/10/2017 13:22	60.8	43.6	0.1	0	-34.34	976
BYPW1004	2/8/2017 14:02	61.6	43.2	0.1	0	-36.73	989
BYPW1004	3/3/2017 10:21	59.3	43.3	0.1	0	-25.15	957
BYPW1004	4/21/2017 12:54	58.2	42	0	0	-34.46	995
BYPW1004	5/12/2017 13:20	60.2	43.6	0.1	0	-27.12	958
BYPW1004	6/9/2017 8:39	59.2	43.3	0	0	-47.99	972
BYPW1004	7/4/2017 13:15	60.4	42	0.1	0	-24.54	983
BYPW1004	8/4/2017 14:04	60.6	42.5	0.1	0	-34.58	976
BYPW1004	9/14/2017 12:45	58.4	43.1	0.4	0	-20.08	973
BYPW1004	10/4/2017 13:13	59.8	42.1	0.1	0	-34.78	985
BYPW1004	11/14/2017 8:30	62.1	43.5	0.1	0	-27.6	987
BYPW1004	12/12/2017 11:22	58.4	42.9	0.1	0	-33.19	974
	Count	12	12	12	12	12	12
	Max	62.1	43.6	0.4	0	-20.08	995
	Min	58.2	42	0	0	-47.99	957
	Ave	59.91667	42.925	0.108333	0	-31.71333	977.0833

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	6	17	LOW	0	1.39	104.4	100
<NO VALU	<NO VALU	15	22	LOW	0	1.43	104.8	100
<NO VALU	<NO VALU	14	22	LOW	0	1.37	102.6	100
<NO VALU	<NO VALU	8	47	LOW	0	1.39	100.2	100
<NO VALU	<NO VALU	22	72	LOW	0	1.38	103.8	100
<NO VALU	<NO VALU	22	54	LOW	0	1.37	102.5	100
<NO VALU	<NO VALU	36	56	LOW	0	1.44	102.4	100
<NO VALU	<NO VALU	58	42	LOW	0	1.43	103.1	100
<NO VALU	<NO VALU	6	8	LOW	0	1.35	101.5	100
<NO VALU	<NO VALU	43	34	LOW	0	1.42	101.9	100
<NO VALU	<NO VALU	15	130	LOW	0	1.43	105.6	100
<NO VALU	<NO VALU	6	8	LOW	0	1.36	101.3	100
0	0	12	12	0	12	12	12	12
0	0	58	130	0	0	1.44	105.6	100
0	0	6	8	0	0	1.35	100.2	100
#DIV/0!	#DIV/0!	20.91667	42.66667	#DIV/0!	0	1.396667	102.8417	100

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
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
12	0	0	0	
100	0	0	0	
100	0	0	0	
100	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPW1005	1/10/2017 13:17	44.2	34.4	0.1	21.3	-34.06	976
BYPW1005	2/8/2017 13:53	59.2	36	0.1	4.7	-14.34	990
BYPW1005	2/8/2017 13:57	59.1	35.7	0.1	5.1	-35.92	990
BYPW1005	3/3/2017 10:11	49.9	36.9	0.1	13.1	-24.01	957
BYPW1005	4/21/2017 12:46	36.5	33.3	0.1	30.1	-33.45	996
BYPW1005	5/12/2017 13:12	55.8	37	0	7.2	-8.14	958
BYPW1005	5/12/2017 13:14	54.6	35.8	0	9.6	-24.37	958
BYPW1005	6/9/2017 8:33	43.1	35.1	0.1	21.7	-44.2	972
BYPW1005	7/4/2017 13:08	47.8	35.7	0.1	16.4	-21.01	984
BYPW1005	8/4/2017 14:11	52.7	35.8	0	11.5	-31.93	976
BYPW1005	9/14/2017 12:49	52.7	35.8	0.1	11.4	-33.13	973
BYPW1005	10/4/2017 13:08	49.3	34.7	0	16	-33.73	985
BYPW1005	11/14/2017 8:26	49.1	34.7	0.2	16	-26.51	987
BYPW1005	12/12/2017 11:17	54.7	34.9	0.1	10.3	-32.65	974
Count		14	14	14	14	14	14
Max		59.2	37	0.2	30.1	-8.14	996
Min		36.5	33.3	0	4.7	-44.2	957
Ave		50.62143	35.41429	0.078571	13.88571	-28.38929	976.8571

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	2	LOW	20.92	1.28	78.6	10
<NO VALU	<NO VALU	11	7	LOW	4.32	1.64	95.2	10
<NO VALU	<NO VALU	11	7	LOW	4.72	1.66	94.8	100
<NO VALU	<NO VALU	8	11	LOW	12.72	1.35	86.8	50
<NO VALU	<NO VALU	4	16	LOW	29.72	1.1	69.8	50
<NO VALU	<NO VALU	15	50	LOW	7.2	1.51	92.8	20
<NO VALU	<NO VALU	16	42	LOW	9.6	1.53	90.4	40
<NO VALU	<NO VALU	11	22	LOW	21.32	1.23	78.2	40
<NO VALU	<NO VALU	20	18	LOW	16.02	1.34	83.5	40
<NO VALU	<NO VALU	34	23	LOW	11.5	1.47	88.5	40
<NO VALU	<NO VALU	6	13	LOW	11.02	1.47	88.5	40
<NO VALU	<NO VALU	21	13	LOW	16	1.42	84	40
<NO VALU	<NO VALU	8	54	LOW	15.25	1.41	83.8	40
<NO VALU	<NO VALU	2	1	LOW	9.92	1.57	89.6	40
0	0	14	14	0	14	14	14	14
0	0	34	54	0	29.72	1.66	95.2	100
0	0	0	1	0	4.32	1.1	69.8	10
#DIV/0!	#DIV/0!	11.92857	19.92857	#DIV/0!	13.58786	1.427143	86.03571	40

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
10 1. OK		<NO VALU	<NO VALU	300984.5	205052.8
50 1. OK		<NO VALU	<NO VALU	300984.5	205052.8
50 50. Routine		<NO VALU	<NO VALU	300984.5	205052.8
50 1. OK		<NO VALU	<NO VALU	300984.5	205052.8
20 2. Rebalan		<NO VALU	<NO VALU	300984.5	205052.8
40 1. OK		<NO VALU	<NO VALU	300984.5	205052.8
40 1. OK		<NO VALU	<NO VALU	300984.5	205052.8
40 1. OK		<NO VALU	<NO VALU	300984.5	205052.8
40 1. OK		<NO VALU	<NO VALU	300984.5	205052.8
40 1. OK		<NO VALU	<NO VALU	300984.5	205052.8
40 1. OK		<NO VALU	<NO VALU	300984.5	205052.8
40 1. OK		<NO VALU	<NO VALU	300984.5	205052.8
40 1. OK		<NO VALU	<NO VALU	300984.5	205052.8
50 1. OK		<NO VALU	<NO VALU	300984.5	205052.8
14	0	0	0		
50	0	0	0		
10	0	0	0		
39.28571	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Gas	Vacuum (in)
BYPW1006	1/10/2017 13:15	61.7	34.3	0.1	3.9	-0.71
BYPW1006	2/8/2017 13:50	69.7	32.2	0.1	0	-9.58
BYPW1006	3/3/2017 10:13	47.1	33.4	0.1	19.4	-3.73
BYPW1006	4/21/2017 12:44	37.3	26.2	2.8	33.7	-0.72
BYPW1006	5/12/2017 13:08	65	35.7	0.1	0	0.18
BYPW1006	5/12/2017 13:10	62.9	33.6	0.4	3.1	-0.78
BYPW1006	6/9/2017 8:30	31	22.9	6.6	39.5	-9.13
BYPW1006	6/16/2017 13:46	60.4	31.6	0.1	7.9	0.11
BYPW1006	6/16/2017 13:47	59	31.3	0.3	9.4	-1.2
BYPW1006	7/4/2017 13:05	29.4	19.7	7.6	43.3	-0.51
BYPW1006	8/4/2017 14:13	72.2	28.1	0	0	-0.02
BYPW1006	8/4/2017 14:15	71.5	28.1	0	0.4	-1.14
BYPW1006	9/14/2017 12:52	56.2	33.1	0.1	10.6	0.13
BYPW1006	10/4/2017 13:05	60.4	29.1	0	10.5	-3.89
BYPW1006	11/14/2017 8:23	53.8	32	0.3	13.9	-2.01
BYPW1006	12/12/2017 11:14	56.9	30.9	0.8	11.4	-4.42
	Count	16	16	16	16	16
	Max	72.2	35.7	7.6	43.3	0.18
	Min	29.4	19.7	0	0	-9.58
	Ave	55.90625	30.1375	1.2125	12.9375	-2.33875

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
976	<NO VALU	<NO VALU	0	4	LOW	3.52	1.8	96
989	<NO VALU	<NO VALU	6	6	LOW	0	2.16	101.9
957	<NO VALU	<NO VALU	2	3	LOW	19.02	1.41	80.5
996	<NO VALU	<NO VALU	3	10	LOW	23.17	1.42	63.5
958	<NO VALU	<NO VALU	10	46	LOW	0	1.82	100.7
958	<NO VALU	<NO VALU	9	24	LOW	1.6	1.87	96.5
972	<NO VALU	<NO VALU	2	12	LOW	14.68	1.35	53.9
989	<NO VALU	<NO VALU	10	47	LOW	7.52	1.91	92
989	<NO VALU	<NO VALU	10	42	LOW	8.27	1.88	90.3
983	<NO VALU	<NO VALU	8	8	LOW	14.72	1.49	49.1
976	<NO VALU	<NO VALU	25	23	LOW	0	2.57	100.3
976	<NO VALU	<NO VALU	16	23	LOW	0.4	2.54	99.6
973	<NO VALU	<NO VALU	1	9	LOW	10.22	1.7	89.3
987	<NO VALU	<NO VALU	15	17	LOW	10.5	2.08	89.5
987	<NO VALU	<NO VALU	7	39	LOW	12.77	1.68	85.8
974	<NO VALU	<NO VALU	0	1	LOW	8.39	1.84	87.8
16	0	0	16	16	0	16	16	16
996	0	0	25	47	0	23.17	2.57	101.9
957	0	0	0	1	0	0	1.35	49.1
977.5	#DIV/0!	#DIV/0!	7.75	19.625	#DIV/0!	8.42375	1.845	86.04375

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
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		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		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	
0		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	
5		5 1. OK	<NO VALU	<NO VALU	301004	205026.3	
16	16		0	0	0		
5	5		0	0	0		
0	0		0	0	0		
3.75	4.0625	#DIV/0!	#DIV/0!	#DIV/0!			

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr	Atm Pressu
BYPW1101	1/10/2017 13:12	55.4	39.6	0.2	4.8	-33.39	978
BYPW1101	2/8/2017 13:47	58.3	39.9	0.1	1.7	-41.69	991
BYPW1101	3/3/2017 10:16	57.4	40.8	0.1	1.7	-23.96	957
BYPW1101	4/21/2017 12:40	41.1	33.9	0.1	24.9	-34.39	995
BYPW1101	5/12/2017 13:04	50.3	37.9	0.1	11.7	-21.43	958
BYPW1101	6/9/2017 8:26	50.5	37.9	0.2	11.4	-47.16	977
BYPW1101	7/4/2017 13:02	48.5	37	0.2	14.3	-24.58	985
BYPW1101	8/4/2017 14:17	58.8	40.3	0.1	0.8	-31.81	976
BYPW1101	8/4/2017 14:19	58.8	40.4	0.1	0.7	-34.16	976
BYPW1101	9/14/2017 14:02	55.8	40.3	0	3.9	-25.31	975
BYPW1101	10/4/2017 12:39	57.7	40	0	2.3	-36.85	985
BYPW1101	11/3/2017 10:51	55.2	39.3	0.1	5.4	-40.26	973
BYPW1101	11/10/2017 13:06	52.9	39	0	8.1	-32.64	980
BYPW1101	12/12/2017 11:35	58.5	40.2	0.2	1.1	-29.01	973
	Count	14	14	14	14	14	14
	Max	58.8	40.8	0.2	24.9	-21.43	995
	Min	41.1	33.9	0	0.7	-47.16	957
	Ave	54.22857	39.03571	0.107143	6.628571	-32.61714	977.0714

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart val
<NO VALU	<NO VALU	7	12	LOW	4.05	1.4	95	100
<NO VALU	<NO VALU	17	15	LOW	1.32	1.46	98.2	100
<NO VALU	<NO VALU	17	19	LOW	1.32	1.41	98.2	100
<NO VALU	<NO VALU	5	45	LOW	24.52	1.21	75	100
<NO VALU	<NO VALU	17	86	LOW	11.32	1.33	88.2	80
<NO VALU	<NO VALU	17	74	LOW	10.65	1.33	88.4	80
<NO VALU	<NO VALU	22	55	LOW	13.55	1.31	85.5	80
<NO VALU	<NO VALU	41	52	LOW	0.42	1.46	99.1	80
<NO VALU	<NO VALU	46	51	LOW	0.32	1.46	99.2	100
<NO VALU	<NO VALU	8	18	LOW	3.9	1.38	96.1	100
<NO VALU	<NO VALU	28	28	LOW	2.3	1.44	97.7	100
<NO VALU	<NO VALU	4	113	LOW	5.02	1.4	94.5	100
<NO VALU	<NO VALU	7	79	LOW	8.1	1.36	91.9	100
<NO VALU	<NO VALU	5	3	LOW	0.35	1.46	98.7	100
0	0	14	14	0	14	14	14	14
0	0	46	113	0	24.52	1.46	99.2	100
0	0	4	3	0	0.32	1.21	75	80
#DIV/0!	#DIV/0!	17.21429	46.42857	#DIV/0!	6.224286	1.386429	93.26429	94.28571

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
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
80 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
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
100 1. OK		<NO VALU	<NO VALU	300994.5 204989.2
100 1. OK		<NO VALU	<NO VALU	300994.5 204989.2
14	0	0	0	
100	0	0	0	
80	0	0	0	
94.28571	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Press)
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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!			

[illegible][illegible]

Comment	X GPS	Y GPS	CH4 + CO2 (%)
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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 (in Atm Pressu
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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
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[illegible]

Comment	X GPS	Y GPS	CH4 + CO2 (%)
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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 (in
BYPWM101	1/16/2017 9:19	77.6	20.9	0.1	1.4	-3.19
BYPWM101	2/17/2017 8:24	53.3	24	0.1	22.6	-0.56
BYPWM101	3/3/2017 9:22	79.8	20.7	0.1	0	-0.79
BYPWM101	3/3/2017 9:24	77.9	21.4	0	0.7	-1.55
BYPWM101	4/21/2017 10:44	33.9	24.1	0	42	-3.71
BYPWM101	5/15/2017 8:11	54.3	22.3	0	23.4	-0.83
BYPWM101	5/24/2017 9:46	40.6	22.3	0	37.1	-0.88
BYPWM101	6/9/2017 9:41	48	24.2	0	27.8	-0.48
BYPWM101	7/4/2017 13:45	70.8	20.7	0.1	8.4	-0.29
BYPWM101	7/4/2017 13:47	70.9	20.8	0	8.3	-0.84
BYPWM101	8/4/2017 8:56	43	25.4	0	31.6	-2.29
BYPWM101	9/7/2017 14:13	53.4	24.4	0.1	22.1	0.3
BYPWM101	9/7/2017 14:15	53.2	24.6	0	22.2	0.17
BYPWM101	10/6/2017 8:14	45.8	26.4	0	27.8	-2.27
BYPWM101	11/3/2017 9:30	54.6	25.9	0.1	19.4	-0.65
BYPWM101	12/8/2017 13:31	49.1	25.7	0.1	25.1	-4.67
Count		16	16	16	16	16
Max		79.8	26.4	0.1	42	0.3
Min		33.9	20.7	0	0	-4.67
Ave		56.6375	23.3625	0.04375	19.99375	-1.408125

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
991	<NO VALU	<NO VALU	0	9	LOW	1.02	3.71	98.5
991	<NO VALU	<NO VALU	1	10	LOW	22.22	2.22	77.3
959	<NO VALU	<NO VALU	0	6	LOW	0	3.86	100.5
959	<NO VALU	<NO VALU	0	8	LOW	0.7	3.64	99.3
996	<NO VALU	<NO VALU	0	22	LOW	42	1.41	58
983	<NO VALU	<NO VALU	2	31	LOW	23.4	2.43	76.6
990	<NO VALU	<NO VALU	3	27	LOW	37.1	1.82	62.9
973	<NO VALU	<NO VALU	2	27	LOW	27.8	1.98	72.2
984	<NO VALU	<NO VALU	7	30	LOW	8.02	3.42	91.5
984	<NO VALU	<NO VALU	7	30	LOW	8.3	3.41	91.7
974	<NO VALU	<NO VALU	0	16	LOW	31.6	1.69	68.4
975	<NO VALU	<NO VALU	0	3	LOW	21.72	2.19	77.8
975	<NO VALU	<NO VALU	0	1	LOW	22.2	2.16	77.8
992	<NO VALU	<NO VALU	0	10	LOW	27.8	1.73	72.2
973	<NO VALU	<NO VALU	1	41	LOW	19.02	2.11	80.5
984	<NO VALU	<NO VALU	0	0	LOW	24.72	1.91	74.8
16	0	0	16	16	0	16	16	16
996	0	0	7	41	0	42	3.86	100.5
959	0	0	0	0	0	0	1.41	58
980.1875	#DIV/0!	#DIV/0!	1.4375	16.9375	#DIV/0!	19.85125	2.480625	80

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
10	10	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
10	10	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
10	20	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
20	20	1. OK	<NO VALU	<NO VALU	300842.7	205092.3
20	5	2. Rebalan	<NO VALU	<NO VALU	-	-
5	5	1. OK	<NO VALU	<NO VALU	-	-
5	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	10	1. OK	<NO VALU	<NO VALU	-	-
10	12	1. OK	<NO VALU	<NO VALU	-	-
12	12	1. OK	<NO VALU	<NO VALU	-	-
12	10	1. OK	<NO VALU	<NO VALU	-	-
10	10	1. OK	<NO VALU	<NO VALU	-	-
10	10	1. OK	<NO VALU	<NO VALU	-	-
16	16		0	0	0	
20	20		0	0	0	
5	5		0	0	0	
10.25	10.25	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in
BYPZ0001	1/10/2017 11:40	58.1	46.1	0.1	0	-34.87
BYPZ0001	2/8/2017 13:16	57.6	46.6	0.1	0	-46.23
BYPZ0001	3/3/2017 12:10	56.6	45.6	0.1	0	-24.91
BYPZ0001	4/21/2017 12:12	57.2	45.8	0	0	-33.64
BYPZ0001	5/12/2017 12:38	58	46.4	0	0	-27.18
BYPZ0001	6/2/2017 13:19	57.7	46.5	0	0	-48.18
BYPZ0001	7/4/2017 12:19	57.4	45.8	0	0	-25.03
BYPZ0001	8/11/2017 9:23	56.4	46.5	0	0	-34.49
BYPZ0001	9/14/2017 14:29	55.6	46.2	0.1	0	-32.02
BYPZ0001	10/4/2017 12:28	57.3	46	0	0	-36.85
BYPZ0001	11/10/2017 12:56	58	46.6	0	0	-31.81
BYPZ0001	12/12/2017 12:00	55.7	45	0.1	0	-30.31
Count		12	12	12	12	12
Max		58.1	46.6	0.1	0	-24.91
Min		55.6	45	0	0	-48.18
Ave		57.13333	46.09167	0.041667	0	-33.79333

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
977	<NO VALU	<NO VALU	12	10	LOW	0	1.26	104.2
990	<NO VALU	<NO VALU	19	11	LOW	0	1.24	104.2
957	<NO VALU	<NO VALU	19	14	LOW	0	1.24	102.2
997	<NO VALU	<NO VALU	8	28	LOW	0	1.25	103
959	<NO VALU	<NO VALU	22	29	LOW	0	1.25	104.4
981	<NO VALU	<NO VALU	25	30	LOW	0	1.24	104.2
984	<NO VALU	<NO VALU	32	18	LOW	0	1.25	103.2
984	<NO VALU	<NO VALU	27	13	LOW	0	1.21	102.9
975	<NO VALU	<NO VALU	8	11	LOW	0	1.2	101.8
986	<NO VALU	<NO VALU	38	15	LOW	0	1.25	103.3
981	<NO VALU	<NO VALU	10	51	LOW	0	1.24	104.6
974	<NO VALU	<NO VALU	7	4	LOW	0	1.24	100.7
12	0	0	12	12	0	12	12	12
997	0	0	38	51	0	0	1.26	104.6
957	0	0	7	4	0	0	1.2	100.7
978.75	#DIV/0!	#DIV/0!	18.91667	19.5	#DIV/0!	0	1.239167	103.225

Depart val	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	-	-
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 G	Vacuum (in
BYPW1201	1/10/2017 13:27	47.4	39.1	0.1	13.4	-8.91
BYPW1201	2/8/2017 14:09	57.9	42.5	0.1	0	-4.68
BYPW1201	2/20/2017 8:41	48.6	40.9	0.1	10.4	-5.38
BYPW1201	2/20/2017 8:42	49.6	41.4	0.1	8.9	-7.77
BYPW1201	3/3/2017 10:25	52.2	41.8	0.1	5.9	-3.35
BYPW1201	4/21/2017 12:59	39.1	35.1	0.1	25.7	-11.72
BYPW1201	4/25/2017 12:26	49.8	39.5	0.1	10.6	-5.34
BYPW1201	4/25/2017 12:27	50.1	39.5	0.1	10.3	-6.03
BYPW1201	5/12/2017 13:31	50.7	41.1	0	8.2	-5.64
BYPW1201	6/9/2017 8:50	50.9	39.7	0	9.4	-8.53
BYPW1201	6/9/2017 8:52	50.7	39.5	0	9.8	-10.7
BYPW1201	6/23/2017 13:08	50	38.7	0.1	11.2	-7.77
BYPW1201	7/4/2017 13:27	46.9	38.1	0	15	-6.26
BYPW1201	8/4/2017 13:57	48.7	37.7	0	13.6	-12.18
BYPW1201	9/14/2017 12:37	45.1	37.8	0.1	17	-12.01
BYPW1201	10/4/2017 13:23	41.3	35.2	0	23.5	-14.15
BYPW1201	11/14/2017 8:42	56.9	43.2	0.1	0	-2.06
BYPW1201	12/12/2017 11:32	56.6	41.8	0.2	1.4	-4.92
Count		18	18	18	18	18
Max		57.9	43.2	0.2	25.7	-2.06
Min		39.1	35.1	0	0	-14.15
Ave		49.58333	39.58889	0.072222	10.79444	-7.633333

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
976	<NO VALU	<NO VALU	5	5	LOW	13.02	1.21	86.5
990	<NO VALU	<NO VALU	15	8	LOW	0	1.36	100.4
983	<NO VALU	<NO VALU	14	19	LOW	10.02	1.19	89.5
984	<NO VALU	<NO VALU	15	26	LOW	8.52	1.2	91
957	<NO VALU	<NO VALU	14	9	LOW	5.52	1.25	94
995	<NO VALU	<NO VALU	6	17	LOW	25.32	1.11	74.2
976	<NO VALU	<NO VALU	7	28	LOW	10.22	1.26	89.3
976	<NO VALU	<NO VALU	7	40	LOW	9.92	1.27	89.6
959	<NO VALU	<NO VALU	20	42	LOW	8.2	1.23	91.8
972	<NO VALU	<NO VALU	18	29	LOW	9.4	1.28	90.6
972	<NO VALU	<NO VALU	18	39	LOW	9.8	1.28	90.2
980	<NO VALU	<NO VALU	20	41	LOW	10.82	1.29	88.7
984	<NO VALU	<NO VALU	28	38	LOW	15	1.23	85
976	<NO VALU	<NO VALU	34	30	LOW	13.6	1.29	86.4
973	<NO VALU	<NO VALU	4	6	LOW	16.62	1.19	82.9
986	<NO VALU	<NO VALU	25	9	LOW	23.5	1.17	76.5
987	<NO VALU	<NO VALU	14	85	LOW	0	1.32	100.1
973	<NO VALU	<NO VALU	5	3	LOW	0.65	1.35	98.4
18	0	0	18	18	0	18	18	18
995	0	0	34	85	0	25.32	1.36	100.4
957	0	0	4	3	0	0	1.11	74.2
977.7222	#DIV/0!	#DIV/0!	14.94444	26.33333	#DIV/0!	10.56278	1.248889	89.17222

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
40	30	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
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
30	30	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
40	20	2. Rebalan	<NO VALU	<NO VALU	300935.8	204954.6
20	30	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
30	30	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
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	40	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
40	30	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
30	30	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
30	30	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
18	18		0	0	0	
40	40		0	0	0	
20	20		0	0	0	
34.44444	33.88889	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in
BYPW1301	1/10/2017 11:29	55.5	38.1	0.1	6.3	-10.93
BYPW1301	2/8/2017 13:10	41.6	34.3	0.8	23.3	-18.26
BYPW1301	3/3/2017 12:03	59.3	41	0.1	0	-2.79
BYPW1301	4/21/2017 12:06	54.6	37.5	0.5	7.4	-4.07
BYPW1301	5/12/2017 12:32	54.7	38.1	0.3	6.9	-2.96
BYPW1301	6/2/2017 13:12	54.3	39.2	0	6.5	-5.24
BYPW1301	7/4/2017 12:12	52.6	38.2	0.5	8.7	-3.01
BYPW1301	8/11/2017 9:14	51.8	38.5	0.3	9.4	-10.15
BYPW1301	9/14/2017 14:22	45.7	35.3	0.8	18.2	-12
BYPW1301	9/14/2017 15:03	24.2	14.5	12.5	48.8	2.02
BYPW1301	10/4/2017 12:21	49.5	37.2	0	13.3	-11.69
BYPW1301	11/10/2017 12:50	52.3	35.5	0.4	11.8	-13.08
BYPW1301	12/12/2017 12:10	52	36.8	0.1	11.1	-15.36
Count		13	13	13	13	13
Max		59.3	41	12.5	48.8	2.02
Min		24.2	14.5	0	0	-18.26
Ave		49.85385	35.70769	1.261538	13.20769	-8.270769

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
977	<NO VALU	<NO VALU	5	17	LOW	5.92	1.46	93.6
990	<NO VALU	<NO VALU	10	12	LOW	20.29	1.21	75.9
957	<NO VALU	<NO VALU	12	15	LOW	0	1.45	100.3
997	<NO VALU	<NO VALU	3	45	LOW	5.52	1.46	92.1
959	<NO VALU	<NO VALU	12	62	LOW	5.77	1.44	92.8
981	<NO VALU	<NO VALU	13	64	LOW	6.5	1.39	93.5
984	<NO VALU	<NO VALU	17	47	LOW	6.82	1.38	90.8
984	<NO VALU	<NO VALU	12	34	LOW	8.27	1.35	90.3
975	<NO VALU	<NO VALU	3	12	LOW	15.19	1.29	81
977	<NO VALU	<NO VALU	5	0	LOW	1.8	1.67	38.7
986	<NO VALU	<NO VALU	18	24	LOW	13.3	1.33	86.7
981	<NO VALU	<NO VALU	5	62	LOW	10.3	1.47	87.8
974	<NO VALU	<NO VALU	2	4	LOW	10.72	1.41	88.8
13	0	0	13	13	0	13	13	13
997	0	0	18	64	0	20.29	1.67	100.3
957	0	0	2	0	0	0	1.21	38.7
978.6154	#DIV/0!	#DIV/0!	9	30.61538	#DIV/0!	8.492308	1.408462	85.56154

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
10	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
10	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
10	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
10	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
10	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
10	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
10	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
10	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
10	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
0	0	2. Rebalan	<NO VALU	<NO VALU	300913.3	204915.8
10	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
10	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
10	10	1. OK	<NO VALU	<NO VALU	300913.3	204915.8
13	13		0	0	0	
10	10		0	0	0	
0	0		0	0	0	
9.230769	9.230769	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in
BYPW1302	1/10/2017 11:42	53	35.7	0.2	11.1	-21.83
BYPW1302	2/8/2017 13:18	61.1	36.5	0.1	2.3	-39.92
BYPW1302	2/8/2017 13:19	61	36.5	0.1	2.4	-41.82
BYPW1302	3/3/2017 12:12	61	36.1	0.1	2.8	-24.31
BYPW1302	3/3/2017 12:13	60.9	36.1	0	3	-23.52
BYPW1302	3/17/2017 12:19	39.2	29.8	0.1	30.9	-40.04
BYPW1302	4/21/2017 12:14	44.8	30.7	0	24.5	-14.52
BYPW1302	5/12/2017 12:41	42.7	31.7	0	25.6	-11.59
BYPW1302	6/2/2017 13:23	47.5	33.2	0.1	19.2	-11.92
BYPW1302	7/4/2017 12:21	52.4	33.5	0	14.1	-9.97
BYPW1302	8/11/2017 9:25	64	37.9	0	0	-30.68
BYPW1302	8/11/2017 9:27	63.8	38	0	0	-33.72
BYPW1302	9/14/2017 14:31	-	-	-	-	-
BYPW1302	9/14/2017 15:05	59.7	42.4	0.1	0	-31.32
BYPW1302	10/4/2017 12:30	64	37.7	0	0	-37.71
BYPW1302	10/4/2017 12:32	63.8	37.5	0	0	-37.93
BYPW1302	11/10/2017 12:58	62.7	37.1	0	0.2	-32.78
BYPW1302	12/12/2017 11:54	65.3	35.5	0.2	0	-30.87
Count		17	17	17	17	17
Max		65.3	42.4	0.2	30.9	-9.97
Min		39.2	29.8	0	0	-41.82
Ave		56.87647	35.64118	0.058824	8.005882	-27.90882

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
976	<NO VALU	<NO VALU	0	9	LOW	10.35	1.48	88.7
990	<NO VALU	<NO VALU	7	10	LOW	1.92	1.67	97.6
990	<NO VALU	<NO VALU	7	10	LOW	2.02	1.67	97.5
957	<NO VALU	<NO VALU	7	10	LOW	2.42	1.69	97.1
957	<NO VALU	<NO VALU	7	10	LOW	3	1.69	97
982	<NO VALU	<NO VALU	10	6	LOW	30.52	1.32	69
997	<NO VALU	<NO VALU	3	28	LOW	24.5	1.46	75.5
959	<NO VALU	<NO VALU	6	28	LOW	25.6	1.35	74.4
981	<NO VALU	<NO VALU	6	34	LOW	18.82	1.43	80.7
984	<NO VALU	<NO VALU	6	31	LOW	14.1	1.56	85.9
984	<NO VALU	<NO VALU	13	26	LOW	0	1.69	101.9
984	<NO VALU	<NO VALU	10	27	LOW	0	1.68	101.8
-	-	-	-	-	-	-	-	-
978	<NO VALU	<NO VALU	11	70	LOW	0	1.41	102.1
986	<NO VALU	<NO VALU	13	16	LOW	0	1.7	101.7
986	<NO VALU	<NO VALU	10	16	LOW	0	1.7	101.3
981	<NO VALU	<NO VALU	4	21	LOW	0.2	1.69	99.8
974	<NO VALU	<NO VALU	2	3	LOW	0	1.84	100.8
17	0	0	17	17	0	17	17	17
997	0	0	13	70	0	30.52	1.84	102.1
957	0	0	0	3	0	0	1.32	69
979.1765	#DIV/0!	#DIV/0!	7.176471	20.88235	#DIV/0!	7.85	1.59	92.51765

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
	15	15 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
	15	20 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
	20	20 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
	20	30 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
	30	30 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
	30	20 2. Rebalan		<NO VALU	<NO VALU	300946.6 204881.9
	30	20 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
	20	10 2. Rebalan		<NO VALU	<NO VALU	300946.6 204881.9
	10	10 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
	10	10 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
	10	20 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
	20	20 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
-	-	8 to tall		<NO VALU	<NO VALU	300946.6 204881.9
	100	100 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
	30	50 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
	50	50 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
	50	80 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
	80	80 1. OK		<NO VALU	<NO VALU	300946.6 204881.9
	17	17	0	0	0	
	100	100	0	0	0	
	10	10	0	0	0	
31.76471	34.41176	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Gas	Vacuum (in)
BYPW1303	1/10/2017 11:49	55.3	40.3	0.3	4.1	-5.27
BYPW1303	2/8/2017 13:24	54.9	39.5	0.8	4.8	-6.29
BYPW1303	2/8/2017 13:26	55	39.4	0.8	4.8	-9.61
BYPW1303	3/3/2017 12:20	45.8	35.4	1.2	17.6	-21.61
BYPW1303	3/17/2017 12:08	50.4	39.1	0.6	9.9	-2.07
BYPW1303	3/17/2017 12:10	48	35.7	0.9	15.4	-10.72
BYPW1303	4/21/2017 12:19	49.6	38.6	0.7	11.1	-4.65
BYPW1303	5/12/2017 12:45	53.2	39.6	0.6	6.6	-4.02
BYPW1303	5/19/2017 12:43	53.2	37.9	0.5	8.4	-4.7
BYPW1303	5/19/2017 12:45	53	37.2	0.6	9.2	-9.86
BYPW1303	6/2/2017 13:28	47.4	36.3	0.8	15.5	-9.15
BYPW1303	6/23/2017 13:17	60.2	42.7	0	0	-7.28
BYPW1303	6/23/2017 13:19	60.8	41.5	0	0	-11.42
BYPW1303	7/4/2017 12:26	44.9	35.5	0.9	18.7	-9.01
BYPW1303	8/11/2017 9:32	55.4	42.5	0	2.1	-5.82
BYPW1303	9/14/2017 14:39	42.1	33.7	1.6	22.6	-21.85
BYPW1303	9/14/2017 15:11	58	41.2	0	0.8	-32.41
BYPW1303	10/4/2017 12:36	50.4	36.7	0.5	12.4	-5.81
BYPW1303	11/10/2017 13:03	57.4	37.8	0	4.8	-7.76
BYPW1303	12/12/2017 11:42	48	39.5	0.3	12.2	-4.79
Count		20	20	20	20	20
Max		60.8	42.7	1.6	22.6	-2.07
Min		42.1	33.7	0	0	-32.41
Ave		52.15	38.505	0.555	9.05	-9.705

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
976	<NO VALU	<NO VALU	8	21	LOW	2.97	1.37	95.6
990	<NO VALU	<NO VALU	15	19	LOW	1.79	1.39	94.4
989	<NO VALU	<NO VALU	15	19	LOW	1.79	1.4	94.4
956	<NO VALU	<NO VALU	15	12	LOW	13.09	1.29	81.2
982	<NO VALU	<NO VALU	23	25	LOW	7.64	1.29	89.5
982	<NO VALU	<NO VALU	20	19	LOW	12.02	1.34	83.7
996	<NO VALU	<NO VALU	8	75	LOW	8.47	1.28	88.2
959	<NO VALU	<NO VALU	19	106	LOW	4.34	1.34	92.8
975	<NO VALU	<NO VALU	23	93	LOW	6.52	1.4	91.1
974	<NO VALU	<NO VALU	24	87	LOW	6.94	1.42	90.2
980	<NO VALU	<NO VALU	19	60	LOW	12.49	1.31	83.7
980	<NO VALU	<NO VALU	29	113	LOW	0	1.41	102.9
980	<NO VALU	<NO VALU	26	90	LOW	0	1.47	102.3
984	<NO VALU	<NO VALU	23	43	LOW	15.32	1.26	80.4
983	<NO VALU	<NO VALU	36	89	LOW	2.1	1.3	97.9
974	<NO VALU	<NO VALU	8	9	LOW	16.58	1.25	75.8
978	<NO VALU	<NO VALU	12	153	LOW	0.8	1.41	99.2
986	<NO VALU	<NO VALU	32	27	LOW	10.52	1.37	87.1
981	<NO VALU	<NO VALU	7	86	LOW	4.8	1.52	95.2
973	<NO VALU	<NO VALU	5	11	LOW	11.07	1.22	87.5
20	0	0	20	20	0	20	20	20
996	0	0	36	153	0	16.58	1.52	102.9
956	0	0	5	9	0	0	1.22	75.8
978.9	#DIV/0!	#DIV/0!	18.35	57.85	#DIV/0!	6.9625	1.352	90.655

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
20	20 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
20	30 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
30	30 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
30	20 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
20	30 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
30	30 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	30 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
30	30 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
20	20 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
20	40 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
40	40 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
40	40 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
40	40 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
40	40 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
100	100 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
40	40 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
40	50 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
50	50 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
20	20	0	0	0		
100	100	0	0	0		
20	20	0	0	0		
33.5	36 #DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in
BYPW1305	1/10/2017 13:25	47.7	36.5	0.1	15.7	-12.32
BYPW1305	2/8/2017 14:05	58.3	38.9	0.1	2.7	-5.48
BYPW1305	2/8/2017 14:06	58.1	38.2	0	3.7	-8.78
BYPW1305	2/20/2017 8:38	45.1	35.1	0.1	19.7	-15.44
BYPW1305	3/3/2017 10:23	52.6	38	0.1	9.3	-5.84
BYPW1305	3/17/2017 12:14	45.3	34.1	0.1	20.5	-14
BYPW1305	4/21/2017 12:56	37	32.5	0.1	30.4	-16.37
BYPW1305	4/25/2017 12:30	59.7	41.6	0.1	0	-2.96
BYPW1305	4/25/2017 12:32	59.9	41.4	0	0	-9.11
BYPW1305	5/12/2017 13:33	47.3	35.9	0	16.8	-10.57
BYPW1305	5/19/2017 12:48	47.6	34.8	0.1	17.5	-9.38
BYPW1305	6/9/2017 8:54	48.5	35.7	0	15.8	-16.04
BYPW1305	6/23/2017 13:10	53.9	37.1	0	9	-9.83
BYPW1305	6/23/2017 13:12	53.6	36.5	0	9.9	-11.8
BYPW1305	7/4/2017 13:29	48	35.8	0	16.2	-9.1
BYPW1305	8/4/2017 13:59	54.8	37.6	0	7.6	-14.51
BYPW1305	8/4/2017 14:02	54.5	37.3	0	8.2	-16.98
BYPW1305	9/14/2017 12:41	46.9	36.7	0	16.4	-26.34
BYPW1305	10/4/2017 13:26	47.8	36.3	0	15.9	-26.02
BYPW1305	11/14/2017 8:45	54.4	37.9	0.1	7.6	-5.51
BYPW1305	12/12/2017 11:29	58.2	37.3	0.5	4	-7.33
Count		21	21	21	21	21
Max		59.9	41.6	0.5	30.4	-2.96
Min		37	32.5	0	0	-26.34
Ave		51.39048	36.91429	0.066667	11.75714	-12.08143

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
976	<NO VALU	<NO VALU	7	11	LOW	15.32	1.31	84.2
990	<NO VALU	<NO VALU	17	17	LOW	2.32	1.5	97.2
990	<NO VALU	<NO VALU	17	16	LOW	3.7	1.52	96.3
983	<NO VALU	<NO VALU	14	33	LOW	19.32	1.28	80.2
957	<NO VALU	<NO VALU	16	18	LOW	8.92	1.38	90.6
982	<NO VALU	<NO VALU	20	15	LOW	20.12	1.33	79.4
995	<NO VALU	<NO VALU	7	34	LOW	30.02	1.14	69.5
976	<NO VALU	<NO VALU	11	77	LOW	0	1.44	101.3
976	<NO VALU	<NO VALU	11	70	LOW	0	1.45	101.3
958	<NO VALU	<NO VALU	22	69	LOW	16.8	1.32	83.2
975	<NO VALU	<NO VALU	26	67	LOW	17.12	1.37	82.4
972	<NO VALU	<NO VALU	20	68	LOW	15.8	1.36	84.2
980	<NO VALU	<NO VALU	28	72	LOW	9	1.45	91
980	<NO VALU	<NO VALU	27	68	LOW	9.9	1.47	90.1
984	<NO VALU	<NO VALU	34	44	LOW	16.2	1.34	83.8
976	<NO VALU	<NO VALU	46	54	LOW	7.6	1.46	92.4
976	<NO VALU	<NO VALU	46	52	LOW	8.2	1.46	91.8
973	<NO VALU	<NO VALU	8	34	LOW	16.4	1.28	83.6
985	<NO VALU	<NO VALU	35	28	LOW	15.9	1.32	84.1
987	<NO VALU	<NO VALU	15	99	LOW	7.22	1.44	92.3
973	<NO VALU	<NO VALU	6	5	LOW	2.12	1.56	95.5
21	0	0	21	21	0	21	21	21
995	0	0	46	99	0	30.02	1.56	101.3
957	0	0	6	5	0	0	1.14	69.5
978.2857	#DIV/0!	#DIV/0!	20.61905	45.28571	#DIV/0!	11.52286	1.389524	88.30476

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
30	30	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
30	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	20	2. Rebalan	<NO VALU	<NO VALU	300959.3	204992.7
20	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
20	20	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
40	40	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
20	20	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
20	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	50	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
50	50	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
50	50	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
50	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
21	21		0	0	0	
50	50		0	0	0	
20	20		0	0	0	
36.66667	38.09524	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in
BYPW1306	1/10/2017 11:47	59.1	40.9	0.1	0	-10.2
BYPW1306	2/8/2017 13:22	51.7	38.7	0.1	9.5	-15.55
BYPW1306	3/3/2017 12:15	52.5	38.7	0.1	8.7	-10.76
BYPW1306	3/17/2017 12:22	44	34.9	0.1	21	-23.02
BYPW1306	4/21/2017 12:17	50.4	37.5	0	12.1	-9.85
BYPW1306	5/12/2017 12:43	50.6	38.3	0	11.1	-11.11
BYPW1306	6/2/2017 13:25	48	37.5	0	14.5	-12.6
BYPW1306	6/23/2017 13:22	60.9	41.5	0	0	-6.14
BYPW1306	6/23/2017 13:24	60.9	41.4	0	0	-10.41
BYPW1306	7/4/2017 12:23	46.8	37	0	16.2	-11.53
BYPW1306	8/11/2017 9:29	49.8	38.3	0	11.9	-15.74
BYPW1306	9/14/2017 14:37	41.9	36.3	0	21.8	-23.66
BYPW1306	10/4/2017 12:34	52.8	37.8	0	9.4	-10.75
BYPW1306	11/10/2017 13:01	61.3	43.6	0	0	-8.73
BYPW1306	12/12/2017 11:47	41.9	35.1	0.1	22.9	-11.53
Count		15	15	15	15	15
Max		61.3	43.6	0.1	22.9	-6.14
Min		41.9	34.9	0	0	-23.66
Ave		51.50667	38.5	0.033333	10.60667	-12.772

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
976	<NO VALU	<NO VALU	11	32	LOW	0	1.44	100
990	<NO VALU	<NO VALU	16	29	LOW	9.12	1.34	90.4
957	<NO VALU	<NO VALU	18	29	LOW	8.32	1.36	91.2
982	<NO VALU	<NO VALU	21	19	LOW	20.62	1.26	78.9
997	<NO VALU	<NO VALU	6	109	LOW	12.1	1.34	87.9
959	<NO VALU	<NO VALU	20	178	LOW	11.1	1.32	88.9
981	<NO VALU	<NO VALU	22	152	LOW	14.5	1.28	85.5
980	<NO VALU	<NO VALU	31	135	LOW	0	1.47	102.4
980	<NO VALU	<NO VALU	30	128	LOW	0	1.47	102.3
984	<NO VALU	<NO VALU	27	106	LOW	16.2	1.26	83.8
984	<NO VALU	<NO VALU	25	75	LOW	11.9	1.3	88.1
975	<NO VALU	<NO VALU	11	39	LOW	21.8	1.15	78.2
986	<NO VALU	<NO VALU	33	50	LOW	9.4	1.4	90.6
980	<NO VALU	<NO VALU	10	213	LOW	0	1.41	104.9
973	<NO VALU	<NO VALU	4	11	LOW	22.52	1.19	77
15	0	0	15	15	0	15	15	15
997	0	0	33	213	0	22.52	1.47	104.9
957	0	0	4	11	0	0	1.15	77
978.9333	#DIV/0!	#DIV/0!	19	87	#DIV/0!	10.50533	1.332667	90.00667

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
30	40 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
40	40 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
40	40 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
40	30 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
40	40 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
40	40 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
40	40 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
40	50 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
50	50 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
40	40 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
40	40 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
40	40 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
40	40 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
40	50 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
50	10 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
15	15	0	0	0	
50	50	0	0	0	
30	10	0	0	0	
40.66667	39.33333	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Gt Vacuum (r	
BYPW1309	1/10/2017 11:18	49	33.4	0.1	17.5	-15.57
BYPW1309	2/8/2017 13:00	59.7	38.7	0.1	1.5	-15.49
BYPW1309	2/8/2017 13:01	60.7	36.8	0.1	2.4	-26.4
BYPW1309	3/3/2017 11:54	42.3	31.7	0.1	25.9	-22.14
BYPW1309	3/17/2017 12:30	61.8	38	0.1	0.1	-3.72
BYPW1309	3/17/2017 12:32	62.6	37.2	0.1	0.1	-9.06
BYPW1309	4/21/2017 11:54	46.2	32	0.1	21.7	-16.92
BYPW1309	5/12/2017 12:23	40.9	30.9	0.1	28.1	-17.46
BYPW1309	6/2/2017 13:00	47.8	32.7	0.1	19.4	-23.63
BYPW1309	7/4/2017 12:01	46.6	32.7	0.1	20.6	-6.83
BYPW1309	8/11/2017 9:03	43.9	33.3	0.1	22.7	-31.39
BYPW1309	9/14/2017 14:11	52.7	34.1	0	13.2	-12.12
BYPW1309	10/4/2017 12:12	49.3	33.9	0.1	16.7	-18.51
BYPW1309	11/10/2017 12:39	62.6	39.8	0	0	-7.36
BYPW1309	12/12/2017 12:20	46.7	32.1	0.1	21.1	-25.44
Count		15	15	15	15	15
Max		62.6	39.8	0.1	28.1	-3.72
Min		40.9	30.9	0	0	-31.39
Ave		51.52	34.48667	0.086667	14.06667	-16.80267

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
978	<NO VALU	<NO VALU	5	8	LOW	17.12	1.47	82.4
990	<NO VALU	<NO VALU	11	19	LOW	1.12	1.54	98.4
991	<NO VALU	<NO VALU	12	14	LOW	2.02	1.65	97.5
958	<NO VALU	<NO VALU	9	7	LOW	25.52	1.33	74
982	<NO VALU	<NO VALU	12	8	LOW	0	1.63	99.8
982	<NO VALU	<NO VALU	14	7	LOW	0	1.68	99.8
997	<NO VALU	<NO VALU	3	17	LOW	21.32	1.44	78.2
960	<NO VALU	<NO VALU	8	14	LOW	27.72	1.32	71.8
981	<NO VALU	<NO VALU	9	17	LOW	19.02	1.46	80.5
985	<NO VALU	<NO VALU	11	17	LOW	20.22	1.43	79.3
984	<NO VALU	<NO VALU	9	16	LOW	22.32	1.32	77.2
975	<NO VALU	<NO VALU	3	8	LOW	13.2	1.55	86.8
986	<NO VALU	<NO VALU	17	20	LOW	16.32	1.45	83.2
981	<NO VALU	<NO VALU	5	75	LOW	0	1.57	102.4
974	<NO VALU	<NO VALU	2	2	LOW	20.72	1.45	78.8
15	0	0	15	15	0	15	15	15
997	0	0	17	75	0	27.72	1.68	102.4
958	0	0	2	2	0	0	1.32	71.8
980.2667	#DIV/0!	#DIV/0!	8.666667	16.6	#DIV/0!	13.77467	1.486	86.00667

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
20	20	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
20	25	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
25	25	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
25	20	2. Rebalan	<NO VALU	<NO VALU	300933.1	204825.7
20	25	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
25	25	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
20	20	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
20	10	2. Rebalan	<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	15	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
15	10	1. OK	<NO VALU	<NO VALU	300933.1	204825.7
15	15		0	0	0	
25	25		0	0	0	
10	10		0	0	0	
16.66667	16.33333	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Gt	Vacuum (in)
BYPW1310	1/10/2017 12:56	60.3	43.8	0.1	0	-30.58
BYPW1310	2/8/2017 13:43	60.7	43.6	0.1	0	-42.29
BYPW1310	3/10/2017 8:53	60.5	42.4	0	0	-38.54
BYPW1310	4/21/2017 12:31	59.8	42.2	0.1	0	-33.87
BYPW1310	5/12/2017 12:58	60.1	43.4	0	0	-27.82
BYPW1310	6/2/2017 13:47	60.6	43.2	0.1	0	-48.93
BYPW1310	7/4/2017 12:52	60.1	42.4	0.1	0	-25.79
BYPW1310	8/11/2017 9:46	57.6	41.7	0.7	0	-34.84
BYPW1310	9/14/2017 14:52	58.8	43.3	0.1	0	-33.01
BYPW1310	10/4/2017 13:01	60.3	42.7	0	0	-34.48
BYPW1310	11/14/2017 8:59	62.4	42.7	0.1	0	-28.83
BYPW1310	12/12/2017 13:06	59.1	41.3	0.1	0	-33.12
Count		12	12	12	12	12
Max		62.4	43.8	0.7	0	-25.79
Min		57.6	41.3	0	0	-48.93
Ave		60.025	42.725	0.125	0	-34.34167

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
976	<NO VALU	<NO VALU	15	19	LOW	0	1.38	104.1
989	<NO VALU	<NO VALU	25	20	LOW	0	1.39	104.3
993	<NO VALU	<NO VALU	33	26	LOW	0	1.43	102.9
997	<NO VALU	<NO VALU	10	70	LOW	0	1.42	102
959	<NO VALU	<NO VALU	37	121	LOW	0	1.38	103.5
980	<NO VALU	<NO VALU	40	103	LOW	0	1.4	103.8
984	<NO VALU	<NO VALU	52	77	LOW	0	1.42	102.5
983	<NO VALU	<NO VALU	54	50	LOW	0	1.38	99.3
974	<NO VALU	<NO VALU	14	28	LOW	0	1.36	102.1
986	<NO VALU	<NO VALU	61	34	LOW	0	1.41	103
987	<NO VALU	<NO VALU	17	115	LOW	0	1.46	105.1
977	<NO VALU	<NO VALU	9	8	LOW	0	1.43	100.4
12	0	0	12	12	0	12	12	12
997	0	0	61	121	0	0	1.46	105.1
959	0	0	9	8	0	0	1.36	99.3
982.0833	#DIV/0!	#DIV/0!	30.58333	55.91667	#DIV/0!	0	1.405	102.75

Depart val	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!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G:	Vacuum (r
BYPW1501	1/16/2017 9:40	62.2	26.2	1.1	10.5	0.15
BYPW1501	1/16/2017 9:42	61.5	26	1.3	11.2	-41.65
BYPW1501	2/10/2017 10:10	0.1	1.4	20.9	77.6	-47.27
BYPW1501	3/10/2017 9:37	28.3	23	6	42.7	-3.09
BYPW1501	4/25/2017 8:31 -	-	-	-	-	-
BYPW1501	5/15/2017 8:39 -	-	-	-	-	-
BYPW1501	6/9/2017 9:57 -	-	-	-	-	-
BYPW1501	7/7/2017 9:35	0.3	0.3	19.9	79.5	-0.05
BYPW1501	8/11/2017 9:57	6.5	4.5	18.1	70.9	0.33
BYPW1501	9/14/2017 15:03	24.2	14.5	12.5	48.8	2.02
BYPW1501	10/6/2017 9:31 -	-	-	-	-	-
BYPW1501	10/30/2017 9:57	67.9	30	0.5	1.6	3.99
BYPW1501	10/30/2017 9:59	67.1	30.4	0.3	2.2	-42.32
BYPW1501	11/14/2017 9:20	44.4	26.7	4.9	24	-29.06
BYPW1501	12/12/2017 12:52	68.3	30.6	0.2	0.9	-10.22
BYPW1501	12/12/2017 12:54	66.7	30.4	0.4	2.5	-30.45
Count		12	12	12	12	12
Max		68.3	30.6	20.9	79.5	3.99
Min		0.1	0.3	0.2	0.9	-47.27
Ave		41.45833	20.33333	7.175	31.03333	-16.46833

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
994	<NO VALU	<NO VALU	0	0 LOW		6.36	2.37	88.4
994	<NO VALU	<NO VALU	0	0 LOW		6.31	2.37	87.5
988	<NO VALU	<NO VALU	0	0 LOW		0	0.07	1.5
991	<NO VALU	<NO VALU	12	0 LOW		20.14	1.23	51.3
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
984	<NO VALU	<NO VALU	2	0 LOW		4.68	1	0.6
985	<NO VALU	<NO VALU	7	1 LOW		2.84	1.44	11
977	<NO VALU	<NO VALU	5	0 LOW		1.8	1.67	38.7
-	-	-	-	-	-	-	-	-
991	<NO VALU	<NO VALU	2	0 LOW		0	2.26	97.9
991	<NO VALU	<NO VALU	2	0 LOW		1.07	2.21	97.5
989	<NO VALU	<NO VALU	12	0 LOW		5.58	1.66	71.1
976	<NO VALU	<NO VALU	3	1 LOW		0.15	2.23	98.9
976	<NO VALU	<NO VALU	4	1 LOW		1	2.19	97.1
12	0	0	12	12	0	12	12	12
994	0	0	12	1	0	20.14	2.37	98.9
976	0	0	0	0	0	0	0.07	0.6
986.3333	#DIV/0!	#DIV/0!	4.083333	0.25	#DIV/0!	4.160833	1.725	61.79167

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
	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		0	2. Rebalan	<NO VALU	<NO VALU	301096.4 204851.7
-	-			10. Discon	<NO VALU	<NO VALU	301096.4 204851.7
-	-			10. Discon	<NO VALU	<NO VALU	301096.4 204851.7
-	-			10. Discon	<NO VALU	<NO VALU	301096.4 204851.7
	0		0	2. Rebalan	<NO VALU	<NO VALU	301096.4 204851.7
	0		0	2. Rebalan	<NO VALU	<NO VALU	301096.4 204851.7
	0		0	2. Rebalan	<NO VALU	<NO VALU	301096.4 204851.7
-	-			10. Discon	<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		1	2. Rebalan	<NO VALU	<NO VALU	301096.4 204851.7
	1		5	1. OK	<NO VALU	<NO VALU	301096.4 204851.7
	5		5	1. OK	<NO VALU	<NO VALU	301096.4 204851.7
	12	12		0	0	0	
	5	5		0	0	0	
	0	0		0	0	0	
2.166667	2.583333	#DIV/0!	#DIV/0!	#DIV/0!			

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in
BYPW1502	1/16/2017 9:49	60	43.4	0.1	0	-41.69
BYPW1502	2/10/2017 10:12	58	41.3	0.2	0.5	-47.07
BYPW1502	3/10/2017 9:40	60.1	42.3	0.1	0	-38.5
BYPW1502	4/25/2017 8:33	57.3	41.9	0.8	0	-44.78
BYPW1502	5/15/2017 8:43	60.4	43.1	0	0	-54.39
BYPW1502	6/9/2017 10:02	58	40.8	0.7	0.5	-48.3
BYPW1502	7/7/2017 9:38	56.3	40.5	1	2.2	-34.92
BYPW1502	8/11/2017 10:00	60.2	42.5	0	0	-34.8
BYPW1502	9/14/2017 15:05	59.7	42.4	0.1	0	-31.32
BYPW1502	10/6/2017 9:33	60.1	42.2	0.1	0	-43.51
BYPW1502	11/14/2017 9:22	61.6	43.1	0.2	0	-29.29
BYPW1502	12/12/2017 12:56	58.2	41.8	0.3	0	-33.57
Count		12	12	12	12	12
Max		61.6	43.4	1	2.2	-29.29
Min		56.3	40.5	0	0	-54.39
Ave		59.15833	42.10833	0.3	0.266667	-40.17833

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
993	<NO VALU	<NO VALU	17	76	LOW	0	1.38	103.4
991	<NO VALU	<NO VALU	6	0	LOW	0	1.4	99.3
991	<NO VALU	<NO VALU	28	57	LOW	0	1.42	102.4
976	<NO VALU	<NO VALU	8	231	LOW	0	1.37	99.2
986	<NO VALU	<NO VALU	29	316	LOW	0	1.4	103.5
976	<NO VALU	<NO VALU	35	229	LOW	0	1.42	98.8
985	<NO VALU	<NO VALU	46	198	LOW	0	1.39	96.8
986	<NO VALU	<NO VALU	43	152	LOW	0	1.42	102.7
978	<NO VALU	<NO VALU	11	70	LOW	0	1.41	102.1
994	<NO VALU	<NO VALU	43	135	LOW	0	1.42	102.3
990	<NO VALU	<NO VALU	16	308	LOW	0	1.43	104.7
976	<NO VALU	<NO VALU	8	18	LOW	0	1.39	100
12	0	0	12	12	0	12	12	12
994	0	0	46	316	0	0	1.43	104.7
976	0	0	6	0	0	0	1.37	96.8
985.1667	#DIV/0!	#DIV/0!	24.16667	149.1667	#DIV/0!	0	1.404167	101.2667

Depart val	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	
12	12	0	0	0		
100	100	0	0	0		
100	100	0	0	0		
100	100 #DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (r
BYPW1503	1/16/2017 9:51	57.2	39.8	0.1	2.9	-41.54
BYPW1503	2/10/2017 10:15	54.3	38.3	0.2	7.2	-46.95
BYPW1503	3/10/2017 9:42	60	40.3	0.1	0	-38.49
BYPW1503	4/25/2017 8:36	55.4	40.1	0.1	4.4	-43.15
BYPW1503	5/15/2017 8:45	47.8	37.4	0.1	14.7	-53.57
BYPW1503	6/9/2017 10:05	57.3	40.4	0	2.3	-48.14
BYPW1503	7/7/2017 9:41	57.9	40.9	0.1	1.1	-34.15
BYPW1503	8/11/2017 10:03	59.1	41.1	0.1	0	-34.79
BYPW1503	9/14/2017 15:11	58	41.2	0	0.8	-32.41
BYPW1503	10/6/2017 9:35	58.3	40.1	0.1	1.5	-40.98
BYPW1503	11/14/2017 9:25	59.6	40.9	0.1	0	-29.22
BYPW1503	12/12/2017 12:58	58.7	39.9	0.1	1.3	-31.05
Count		12	12	12	12	12
Max		60	41.2	0.2	14.7	-29.22
Min		47.8	37.4	0	0	-53.57
Ave		56.96667	40.03333	0.091667	3.016667	-39.53667

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
994	<NO VALU	<NO VALU	10	33	LOW	2.52	1.44	97
991	<NO VALU	<NO VALU	5	0	LOW	6.45	1.42	92.6
991	<NO VALU	<NO VALU	19	39	LOW	0	1.49	100.3
976	<NO VALU	<NO VALU	6	85	LOW	4.02	1.38	95.5
986	<NO VALU	<NO VALU	17	83	LOW	14.32	1.28	85.2
976	<NO VALU	<NO VALU	24	177	LOW	2.3	1.42	97.7
985	<NO VALU	<NO VALU	35	231	LOW	0.72	1.42	98.8
986	<NO VALU	<NO VALU	32	157	LOW	0	1.44	100.2
978	<NO VALU	<NO VALU	12	153	LOW	0.8	1.41	99.2
995	<NO VALU	<NO VALU	28	78	LOW	1.12	1.45	98.4
990	<NO VALU	<NO VALU	13	157	LOW	0	1.46	100.5
976	<NO VALU	<NO VALU	5	14	LOW	0.92	1.47	98.6
12	0	0	12	12	0	12	12	12
995	0	0	35	231	0	14.32	1.49	100.5
976	0	0	5	0	0	0	1.28	85.2
985.3333	#DIV/0!	#DIV/0!	17.16667	100.5833	#DIV/0!	2.764167	1.423333	97

Depart val	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 G	Vacuum (in
BYPW1504	1/16/2017 9:53	51.2	38.3	0.1	10.4	-41.31
BYPW1504	2/10/2017 10:19	41.4	33.8	0.2	24.6	-48.29
BYPW1504	3/10/2017 9:45	56.6	39.6	0.1	3.7	-32.87
BYPW1504	3/10/2017 9:46	56.5	39.6	0.1	3.8	-37.6
BYPW1504	4/25/2017 8:39	54.6	40.4	0	5	-44.6
BYPW1504	4/25/2017 8:41	54.5	40.4	0.1	5	-44.7
BYPW1504	5/15/2017 8:47	42.6	35.9	0.1	21.4	-53.69
BYPW1504	6/9/2017 10:07	51.9	38.8	0	9.3	-48.37
BYPW1504	7/7/2017 9:43	54.4	40.1	0	5.5	-31.73
BYPW1504	8/11/2017 10:05	51.6	38.5	0	9.9	-34.5
BYPW1504	9/14/2017 15:13	49	38.5	0.1	12.4	-32.3
BYPW1504	10/6/2017 9:37	45.6	36.3	0	18.1	-41.15
BYPW1504	11/14/2017 9:27	51.9	38.1	0.1	9.9	-28.74
BYPW1504	12/12/2017 13:00	50.2	37.8	0.1	11.9	-33.22
Count		14	14	14	14	14
Max		56.6	40.4	0.2	24.6	-28.74
Min		41.4	33.8	0	3.7	-53.69
Ave		50.85714	38.29286	0.071429	10.77857	-39.505

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
994	<NO VALU	<NO VALU	10	19	LOW	10.02	1.34	89.5
992	<NO VALU	<NO VALU	7	0	LOW	23.85	1.22	75.2
991	<NO VALU	<NO VALU	22	18	LOW	3.32	1.43	96.2
991	<NO VALU	<NO VALU	22	17	LOW	3.42	1.43	96.1
976	<NO VALU	<NO VALU	7	71	LOW	5	1.35	95
977	<NO VALU	<NO VALU	7	68	LOW	4.62	1.35	94.9
986	<NO VALU	<NO VALU	17	78	LOW	21.02	1.19	78.5
976	<NO VALU	<NO VALU	25	68	LOW	9.3	1.34	90.7
985	<NO VALU	<NO VALU	30	68	LOW	5.5	1.36	94.5
987	<NO VALU	<NO VALU	30	46	LOW	9.9	1.34	90.1
978	<NO VALU	<NO VALU	9	36	LOW	12.02	1.27	87.5
995	<NO VALU	<NO VALU	29	29	LOW	18.1	1.26	81.9
990	<NO VALU	<NO VALU	12	71	LOW	9.52	1.36	90
977	<NO VALU	<NO VALU	5	4	LOW	11.52	1.33	88
14	0	0	14	14	0	14	14	14
995	0	0	30	78	0	23.85	1.43	96.2
976	0	0	5	0	0	3.32	1.19	75.2
985.3571	#DIV/0!	#DIV/0!	16.57143	42.35714	#DIV/0!	10.50786	1.326429	89.15

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100	100 1. OK		<NO VALU	<NO VALU	301071.4	204780.5
100	50 1. OK		<NO VALU	<NO VALU	301071.4	204780.5
50	80 1. OK		<NO VALU	<NO VALU	301071.4	204780.5
80	80 1. OK		<NO VALU	<NO VALU	301071.4	204780.5
80	100 1. OK		<NO VALU	<NO VALU	301071.4	204780.5
100	100 1. OK		<NO VALU	<NO VALU	301071.4	204780.5
100	100 1. OK		<NO VALU	<NO VALU	301071.4	204780.5
100	100 1. OK		<NO VALU	<NO VALU	301071.4	204780.5
100	100 1. OK		<NO VALU	<NO VALU	301071.4	204780.5
100	100 1. OK		<NO VALU	<NO VALU	301071.4	204780.5
100	100 1. OK		<NO VALU	<NO VALU	301071.4	204780.5
100	100 1. OK		<NO VALU	<NO VALU	301071.4	204780.5
100	100 1. OK		<NO VALU	<NO VALU	301071.4	204780.5
100	100 1. OK		<NO VALU	<NO VALU	301071.4	204780.5
14	14	0	0	0		
100	100	0	0	0		
50	50	0	0	0		
93.57143	93.57143 #DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		

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

[illegible][illegible]

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