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**REVIEW OF LANDFILL GAS MONITORING AT THE
BRYN PICA LANDFILL SITE DURING THE PERIOD
JAN 16 – DEC 16**

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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 16 – Dec 16.

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 2014, 2015 and 2016.
4.1	Statistical summary of Sub Surface Landfill Gas monitoring carried out at the Bryn Pica Landfill during the period Jan 16 – Dec 16.

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 2016.

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. AC2017/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 16 – Dec 16.

3.1 Raw 'In-Waste' Landfill Gas Monitoring

Throughout 2016 the landfill gas extraction system at the Bryn Pica Landfill has consisted of 79 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	17	78.8	44.1	61.1	26.6	20.4	23.1	0.2	0.0	0.1	0.9	-3.0	-1.1
BYPWM102	Phase 1	14	60.7	34.4	49.5	31.5	23.6	27.2	0.2	0.0	0.1	0.9	-3.6	-1.1
BYPWM103	Phase 1	15	48.0	25.3	35.3	21.5	17.5	19.5	0.2	0.0	0.1	1.6	-1.9	-0.3
BYPWM104	Phase 1	21	63.1	31.2	48.1	27.1	22.1	24.6	0.5	0.0	0.1	0.9	-5.1	-1.4
BYPWM105	Phase 1	15	68.0	37.6	52.9	33.2	26.2	29.7	0.2	0.0	0.1	-0.2	-13.9	-4.3
BYPWM107	Phase 1	21	75.5	19.2	59.5	25.3	20.3	23.2	0.4	0.0	0.1	0.4	-5.8	-0.7
BYPWM108	Phase 1	20	56.7	14.6	40.1	29.7	21.4	25.8	0.1	0.0	0.1	1.9	-4.1	-1.1
BYPWM109	Phase 1	13	67.9	34.5	52.6	30.5	24.3	26.7	0.2	0.0	0.1	2.2	-26.2	-7.1
BYPWM111	Phase 1	16	54.9	19.0	39.0	26.2	20.7	23.8	0.2	0.0	0.1	2.1	-4.7	-0.7
BYPWM201	Phase 1	19	68.5	25.7	54.1	29.7	21.9	27.2	0.3	0.0	0.1	0.0	-1.5	-0.9
BYPWM202	Phase 1	17	63.4	21.3	48.0	22.4	19.3	21.0	0.5	0.0	0.2	0.0	-1.5	-0.6
BYPWM203	Phase 1	17	70.1	27.6	50.5	31.6	24.6	28.6	0.2	0.0	0.1	0.1	-3.3	-1.1
BYPWM204	Phase 1	17	57.8	18.0	42.7	32.6	16.4	26.6	8.1	0.0	1.2	0.6	-6.9	-1.6
BYPWM206	Phase 1	20	54.6	2.1	32.0	20.0	2.2	16.2	19.7	1.4	4.6	0.6	-1.8	-0.6
BYPWM207	Phase 1	14	56.1	37.2	46.3	22.3	19.4	20.9	0.5	0.0	0.1	-0.2	-3.7	-1.4
BYPWM208	Phase 1	15	53.4	30.3	44.9	27.5	20.1	24.2	1.9	0.0	0.5	-9.6	-123.5	-44.8
BYPWM210	Phase 1	22	75.9	5.4	54.6	19.4	2.8	17.4	19.3	0.0	1.0	0.4	-4.3	-0.9
BYPWM211	Phase 1	14	19.4	0.4	4.7	17.9	0.3	4.7	20.9	1.7	16.5	0.8	-1.7	-0.4
BYPWM212	Phase 1	17	70.0	34.4	56.0	31.7	24.8	29.4	0.3	0.0	0.0	0.4	-6.8	-2.0
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 16 – Dec 16.

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	17	70.0	36.7	54.1	32.3	22.7	27.6	0.7	0.0	0.2	-1.0	-6.4	-3.1
BYPW0004	Phase 2	17	61.3	31.8	51.7	39.1	28.9	33.6	1.1	0.0	0.2	0.4	-59.3	-24.8
BYPW0005	Phase 2	15	58.7	23.4	49.3	42.5	23.2	38.2	6.6	0.0	0.6	6.5	-23.1	-5.9
BYPW0006	Phase 2	14	60.1	34.5	49.4	39.7	29.7	35.9	0.1	0.0	0.0	3.2	-12.5	-4.7
BYPW0007	Phase 2	14	59.0	37.1	48.1	41.0	30.7	36.3	3.6	0.2	1.3	-0.2	-36.6	-14.7
BYPW0008	Phase 2	17	60.7	21.9	49.5	41.0	24.8	35.4	0.1	0.0	0.0	0.7	-24.5	-4.0
BYPW0009	Phase 2	17	59.1	36.2	51.7	40.3	32.6	37.2	0.2	0.0	0.0	0.6	-15.8	-7.0
BYPW0011	Phase 2	12	56.1	41.7	49.1	39.7	32.7	37.1	0.8	0.0	0.2	-3.1	-17.3	-7.6
BYPW0501	Phase 2	15	59.3	32.5	48.6	31.0	24.4	27.8	0.3	0.0	0.1	1.1	-2.6	-0.9
BYPW0502	Phase 2	16	67.3	41.0	50.4	29.3	22.6	25.5	2.1	0.0	0.8	2.1	-10.8	-3.5
BYPW0503	Phase 2	15	65.1	35.2	53.0	30.3	24.4	27.4	0.1	0.0	0.1	0.1	-26.7	-4.6
BYPW0504	Phase 2	19	65.2	15.9	44.5	32.1	8.9	26.8	13.6	0.0	0.7	0.3	-25.3	-2.9
BYPW0505	Phase 2	15	60.0	37.0	46.5	30.9	24.2	28.2	0.1	0.0	0.0	0.8	-2.9	-1.3
BYPW0515	Phase 2	21	60.3	5.5	48.0	43.4	15.2	36.4	5.0	0.0	0.3	1.1	-1.0	-0.1
BYPW0516	Phase 2	15	59.4	31.3	48.1	41.1	30.0	36.5	0.5	0.0	0.1	3.4	-23.3	-11.4
BYPW0601	Phase 2	12	58.2	40.5	52.1	39.4	34.5	37.1	0.3	0.0	0.1	-1.8	-15.0	-8.6
BYPW0602	Phase 2	19	69.8	17.5	54.9	36.9	16.6	30.8	13.7	0.0	1.7	0.6	-63.7	-27.2
BYPW0605	Phase 2	6	57.5	0.1	23.0	32.3	1.6	15.6	20.9	0.0	9.3	0.4	-1.9	-0.5
BYPW0606	Phase 2	20	58.8	22.6	48.6	41.9	25.9	36.7	1.4	0.0	0.2	0.5	-2.6	-0.7
BYPW0607	Phase 2	15	59.1	24.6	48.5	40.4	26.2	35.3	0.4	0.0	0.0	0.5	-3.1	-1.3
BYPW0608	Phase 2	20	60.7	23.7	46.3	41.2	21.7	35.0	8.4	0.0	0.5	0.5	-3.3	-0.8
BYPW1203	Phase 2	19	64.4	24.5	45.6	27.1	20.0	23.7	0.3	0.0	0.1	1.4	-3.0	-0.8
BYPW1204	Phase 2	21	71.8	30.4	57.5	31.2	23.5	28.0	1.0	0.0	0.2	0.8	-5.3	-1.8
BYPW1307	Phase 2	16	58.9	35.0	49.7	41.5	32.1	37.7	0.3	0.0	0.0	-0.8	-31.9	-12.6
BYPW1308	Phase 2	12	57.0	46.5	52.3	39.9	35.6	38.3	0.8	0.0	0.2	-11.7	-37.4	-22.1

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 16 – Dec 16.

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	16	64.9	39.1	53.3	37.0	28.5	33.8	0.2	0.0	0.1	1.4	-15.3	-3.9
BYPW0703	Phase 3	12	59.3	55.0	57.3	43.1	38.7	41.9	0.8	0.0	0.2	-28.6	-65.7	-39.9
BYPW0704	Phase 3	13	58.6	39.0	50.8	40.5	33.5	36.6	0.4	0.0	0.1	-2.6	-34.7	-14.6
BYPW0705	Phase 3	15	67.5	63.8	65.6	35.4	32.2	33.8	0.7	0.0	0.2	-21.3	-64.3	-41.7
BYPW0706	Phase 3	12	64.0	57.5	59.7	41.5	36.3	39.5	1.0	0.0	0.1	-27.1	-58.0	-38.0
BYPW0707	Phase 3	4	0.9	0.3	0.6	4.7	2.3	3.2	20.6	18.8	19.5	0.4	-4.7	-1.2
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	17	60.2	32.4	48.5	42.2	29.5	36.7	0.4	0.0	0.1	0.6	-4.1	-1.3
BYPW1002	Phase 3	17	60.5	37.0	50.2	42.2	29.9	35.1	0.2	0.0	0.1	-0.1	-15.2	-5.8
BYPW1003	Phase 3	19	60.5	40.9	51.5	42.0	31.9	37.1	0.2	0.0	0.1	0.3	-21.0	-7.6
BYPW1004	Phase 3	13	60.3	54.8	58.3	42.9	38.4	41.7	1.1	0.0	0.2	-29.5	-76.9	-44.9
BYPW1005	Phase 3	14	53.4	41.2	48.0	36.2	29.7	34.0	1.2	0.0	0.2	-29.7	-78.8	-47.6
BYPW1006	Phase 3	17	73.1	35.2	55.1	39.0	24.4	31.5	2.2	0.0	0.4	0.2	-19.8	-4.1
BYPW1101	Phase 3	12	59.3	42.0	55.0	40.4	35.1	38.3	0.6	0.0	0.2	-27.2	-88.6	-47.1
BYPW1102	Phase 3	5	59.8	0.3	46.7	40.6	4.5	31.9	19.8	0.0	4.4	1.7	-22.6	-7.4
BYPW1103	Phase 3	4	6.7	0.2	3.4	6.2	1.3	3.9	20.7	19.2	19.6	-26.7	-65.8	-42.5
BYPWM101	Phase 3	17	78.8	44.1	61.1	26.6	20.4	23.1	0.2	0.0	0.1	0.9	-3.0	-1.1
BYPZ0001	Phase 3	12	57.6	53.6	56.0	45.5	40.9	44.0	0.8	0.0	0.1	-27.6	-88.7	-42.9
BYPW1201	Phase 3	15	55.7	37.4	49.2	41.4	32.5	37.9	0.2	0.0	0.1	0.2	-28.2	-11.4
BYPW1202	Phase 3	16	60.5	46.3	54.0	42.9	28.8	37.6	0.9	0.0	0.1	-0.6	-47.4	-25.2
BYPW1301	Phase 3	17	62.6	0.2	52.4	41.9	0.9	35.7	20.9	0.0	2.2	14.7	-15.5	-1.4
BYPW1302	Phase 3	15	63.0	37.2	53.4	37.7	30.8	35.1	0.8	0.0	0.1	3.4	-82.9	-13.4
BYPW1309	Phase 3	15	62.6	37.4	52.8	39.8	28.9	35.1	0.9	0.0	0.2	-1.5	-36.1	-14.5

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 16 – Dec 16.

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	4	36.0	17.4	29.3	31.3	14.0	23.4	14.9	5.8	9.9	13.3	3.5	8.2
BYPW1206	Phase 4	9	61.7	57.2	59.9	41.8	39.3	40.6	0.5	0.0	0.2	-28.2	-54.4	-44.0
BYPW1207	Phase 4	5	62.1	53.2	59.0	40.9	37.1	39.5	1.2	0.0	0.5	-29.2	-51.3	-39.0
BYPW1303	Phase 4	18	62.5	40.2	49.9	40.8	31.5	37.1	2.0	0.1	0.8	-18.8	-84.8	-34.6
BYPW1305	Phase 4	6	64.0	44.6	54.0	40.2	32.2	37.2	0.1	0.0	0.1	-1.8	-18.3	-11.6
BYPW1306	Phase 4	16	62.4	38.7	50.9	42.2	33.8	37.6	0.4	0.0	0.1	12.7	-82.4	-23.0
BYPW1310	Phase 4	12	59.7	53.8	57.8	43.3	36.7	42.1	0.5	0.0	0.2	-28.1	-51.4	-41.6
BYPW1501	Phase 4	13	54.9	0.4	40.6	30.2	0.7	23.6	20.0	2.0	5.6	1.0	-57.0	-12.0
BYPW1502	Phase 4	13	59.6	53.9	56.7	43.1	38.3	41.9	1.1	0.1	0.4	-27.3	-70.0	-44.3
BYPW1503	Phase 4	13	57.5	45.8	53.3	41.2	36.1	38.9	1.4	0.0	0.3	-26.6	-66.9	-43.0
BYPW1504	Phase 4	12	59.7	53.0	56.7	42.4	35.7	40.8	0.6	0.0	0.1	-27.1	-69.6	-43.6
BYPW1505	Phase 4	4	5.6	0.1	1.6	6.7	0.7	2.6	20.9	19.3	20.3	1.1	0.0	0.3

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 16 – Dec 16.

Discussion

Raw landfill gas monitoring results, taken from within the landfill waste, during the period Jan 16 – Dec 16, 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 15 and 24 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 (5%) 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 10 and 15 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 32.0% by Vol. The number of wells displaying average CH_4 concentration in the range 45% - 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 5 and 9 years old. The majority of extraction wells located within Phase 3 illustrates CH_4 concentration greater than 45% CH_4 by vol. Of the 22 gas wells currently operational in the Phase 3 landfill cell, one installation (BPPW1103) has consistently illustrated methane (CH_4) concentrations lower than 45% 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 20 (out of 21). 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 installation 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 BYPW 1205, 1501 and 1505) 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 2014, 2015 and 2016.

Table 3.5: Comparison of gas monitoring results recorded at the Bryn Pica landfill gas compound in 2014, 2015 and 2016.

		Flare 2014	Flare 2015	Flare 2016
Methane (%CH ₄)	Ave	48.1	50.4	48.9
	Max	55.0	55.5	55.1
	Min	33.9	43.5	39.7
Carbon Dioxide (%CO ₂)	Ave	35.7	36.6	35.5
	Max	39.1	41.5	38.8
	Min	24.7	33.2	30.8
Oxygen (%O ₂)	Ave	0.4	0.4	0.6
	Max	4.3	1.5	1.8
	Min	0.0	0.0	0.0
Pressure (mbar)	Ave	-54.2	-43.2	-48.8
	Max	-80.6	-80.0	-28.93
	Min	-15.5	-20.7	-88.96
Gas Flow (m ³ /hr)	Ave	828	877	752
	Max	960	1250	900
	Mix	600	575	600

Discussion

Monitoring of gas flow rates indicate that the total volume of landfill gas processed at Bryn Pica throughout 2016 decreased when compared with 2015. The average volume of gas extracted from the whole site in 2016 was calculated as being 752 cubic meters per hour. This is a circa 14% decrease when compared to the 12 month period in 2015.

Monitoring records show the average methane (CH₄) concentration in 2016 was 48.9% by Vol, with low average Oxygen concentrations of 0.6% 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. AC2017/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 2015 and this continued in 2016. 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-16 to Dec-16, monitoring undertaken at GMBH06-02 illustrated an average of Methane (CH₄) concentration of 10.4 % CH₄ by Vol. This is a slight increase when compared to the average value calculated for the period Jan-15 to Dec-15 (recorded as being 7.9 % 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.

GMBH07-02

This installation was de-commissioned in 2014 as part of development works in this area of the waste management site.

GMBH 08-01

Ground monitoring installation GMBH 08-01 and GMBH 08-02 were 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 northly direction from the unlined phase 1 landfill.

Throughout 2016 monitoring results from GMBH 08-01 constantly exhibited negative pressure, with an average of -7.4 mbar. Methane concentrations were recorded in the range 20.5% to 49.9% CH₄ by Vol.

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 2015 recorded methane concentrations in the range 0% - 2.7 % CH₄ by Vol, with an average concentration of 0.4 % CH₄ by Vol. During the 12 month period now under consideration (i.e. Jan-16 to Dec-16), the level of landfill gas observed within this installation has reduced further. Monitoring results from 2016 indicate a lower range in Methane concentrations (0.0 – 0.4% CH₄ by Vol), with an annual average 0.1% % 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-16 to Dec-16 is shown to be 0.5% 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 2014 and 2015 (1.7 and 1.4 % 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 29.4 CH₄ by Vol. With average values of carbon dioxide over the same period of 20.7% CO₂ by Vol and average oxygen value of 1.9% 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 difference 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-16 to Dec-16 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 = -0.8 mbar
- BYPW1204 average pressure during 2013 = -0.8 mbar

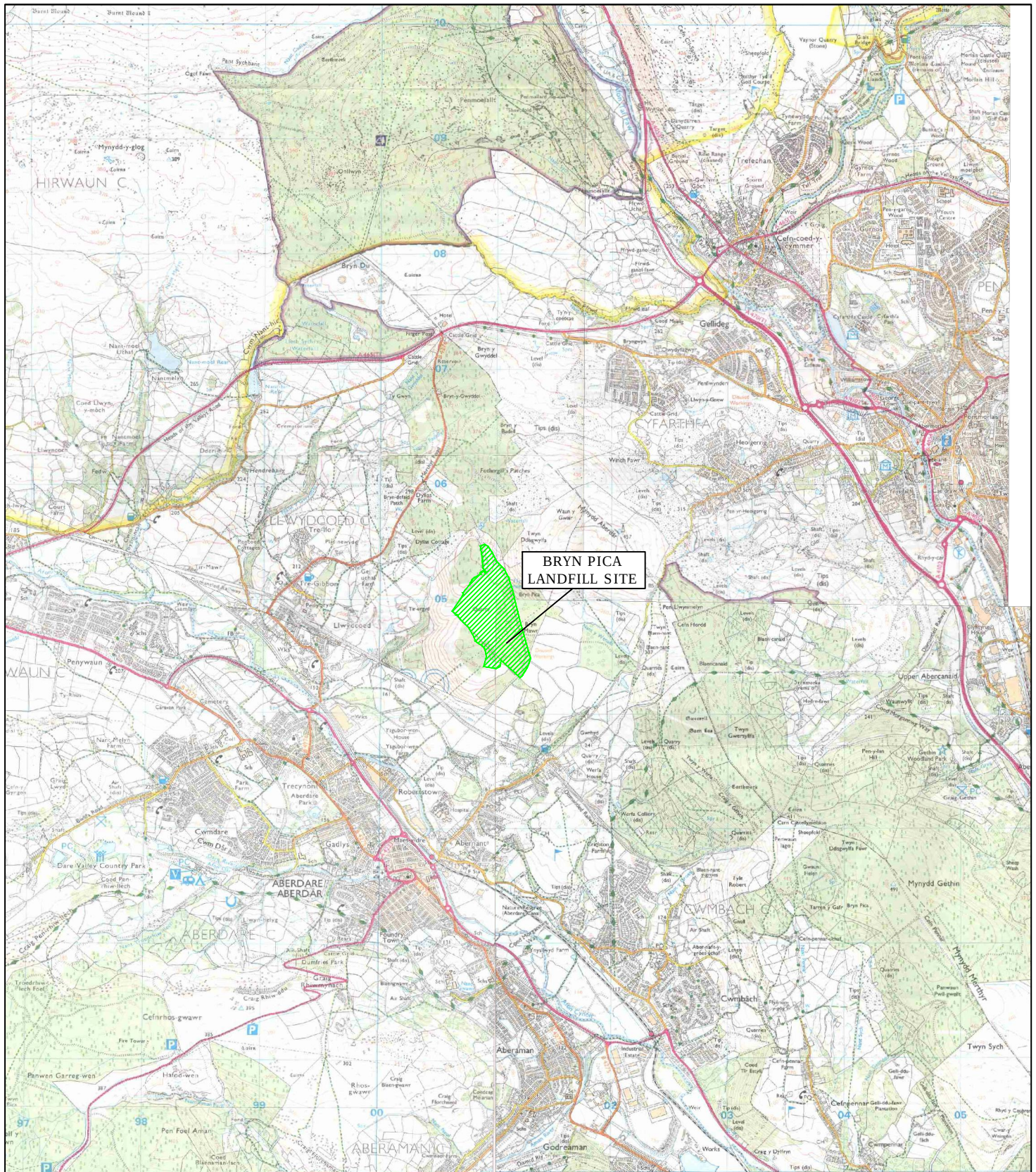
4. SUMMARY / RECOMMENDATIONS

- 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 2016 (No. DP3732SQ).
- 4.2 Infinis has undertaken monthly monitoring of 80 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 2016. 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

AC2017/ENV/01/01 – Location Plan
AC2017/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 05/01/16
SCALE	1:50,000	SHEET A4
DRAWING NO.	AC2017/ENV/01/001	
STATUS FOR COMMENT ☐ FOR APPROVAL ☐ DRAFT ☐ FINAL ☒		

BRYN PICA - SITE PLAN

LEGEND

ASSUMED PIPE LANDFILL GAS

UNKNOWN SIZE Ø GAS MAIN

630mm Ø GAS MAIN

400mm Ø GAS MAIN

250mm Ø GAS MAIN

355mm Ø GAS MAIN

355mm Ø GAS MAIN

200mm Ø GAS MAIN

180mm Ø GAS MAIN

90mm Ø LANDFILL GAS

63mm Ø LANDFILL GAS

160mm Ø LANDFILL GAS MAIN

125mm Ø LANDFILL GAS MAIN

110mm Ø LANDFILL GAS

63mm Ø LEACHATE / AIR

32mm Ø AIR / LEACHATE

Installed gas well

KO

KNOCKOUT POT

Combined leachate and gas well

Proposed Gas Well

Gas Well (160mm)

Gas Well (225mm)

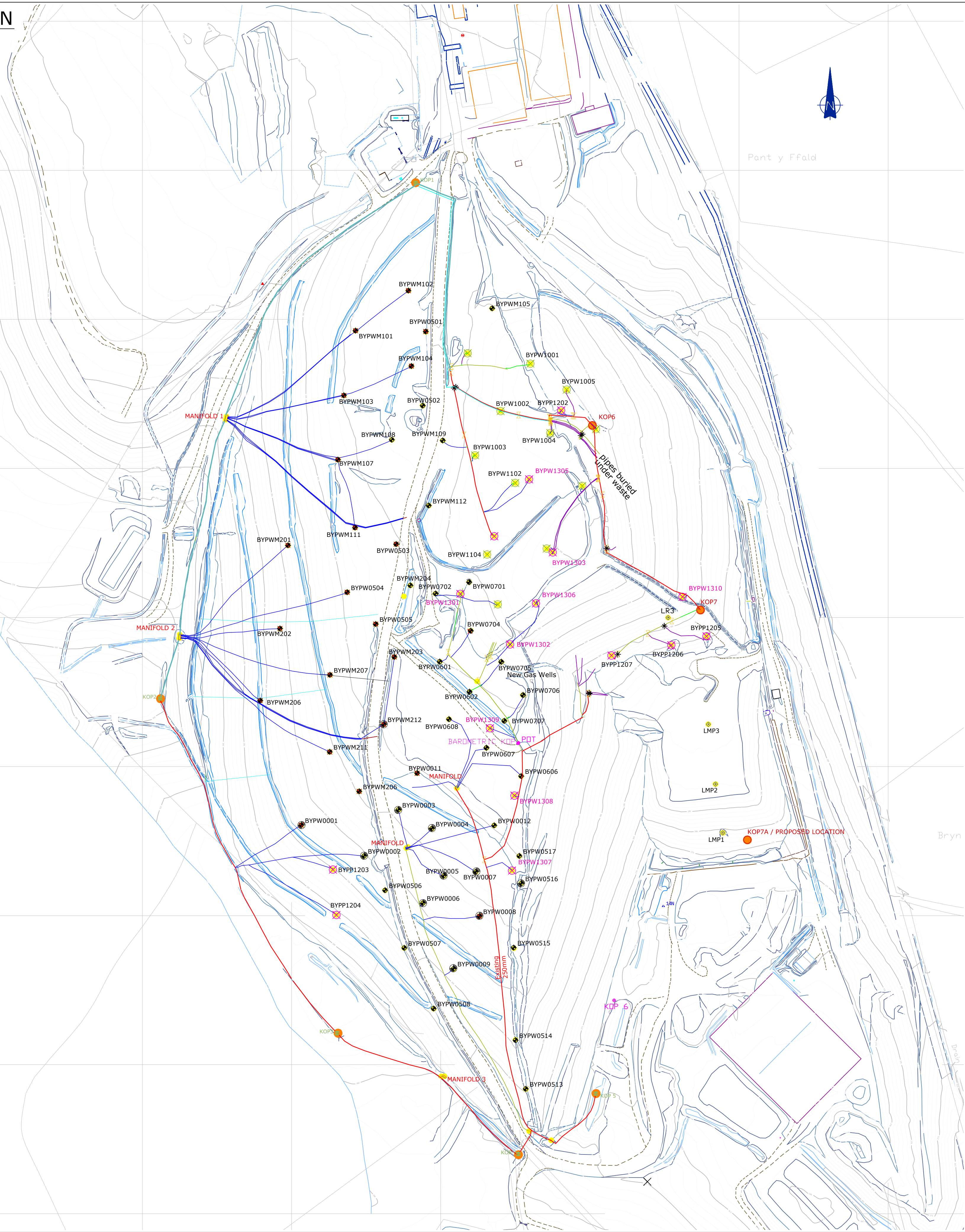
Valve

DSEAR zones

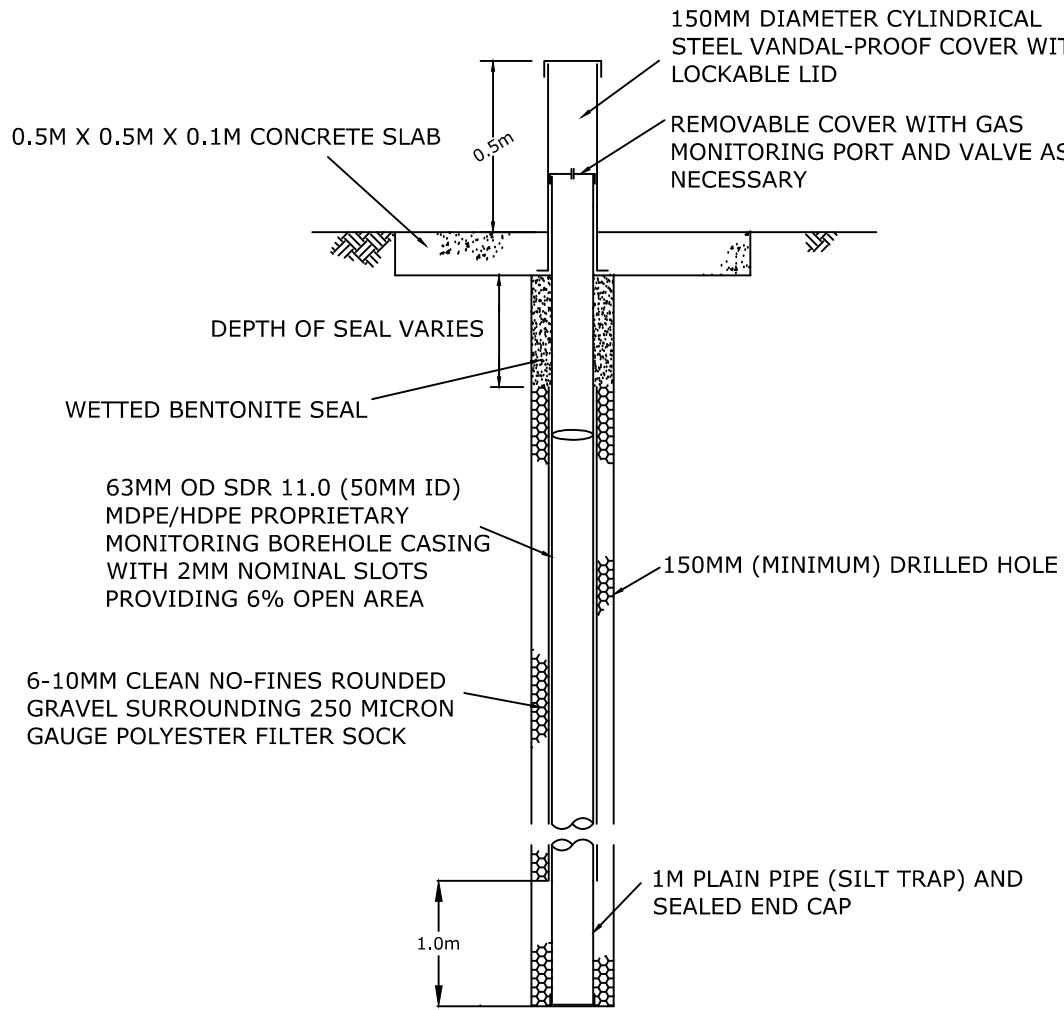
Zone 1

Zone 2

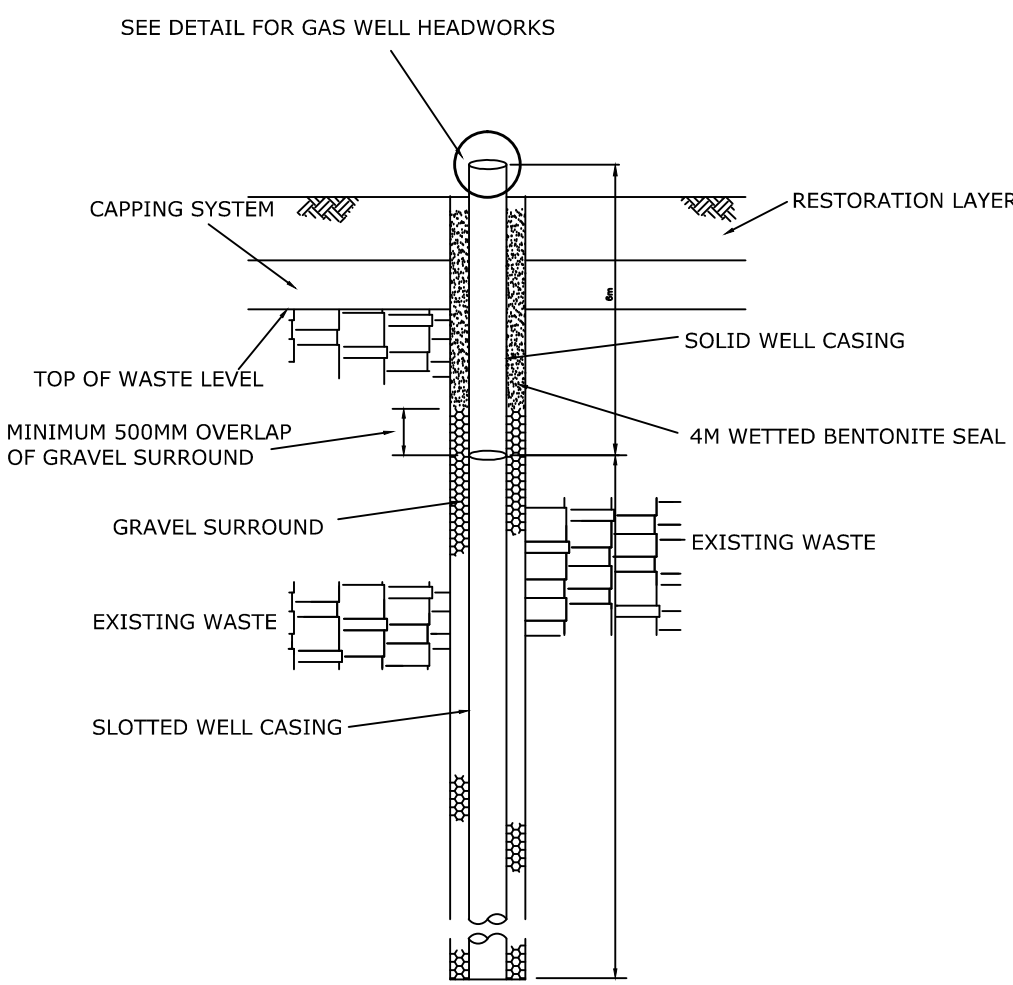
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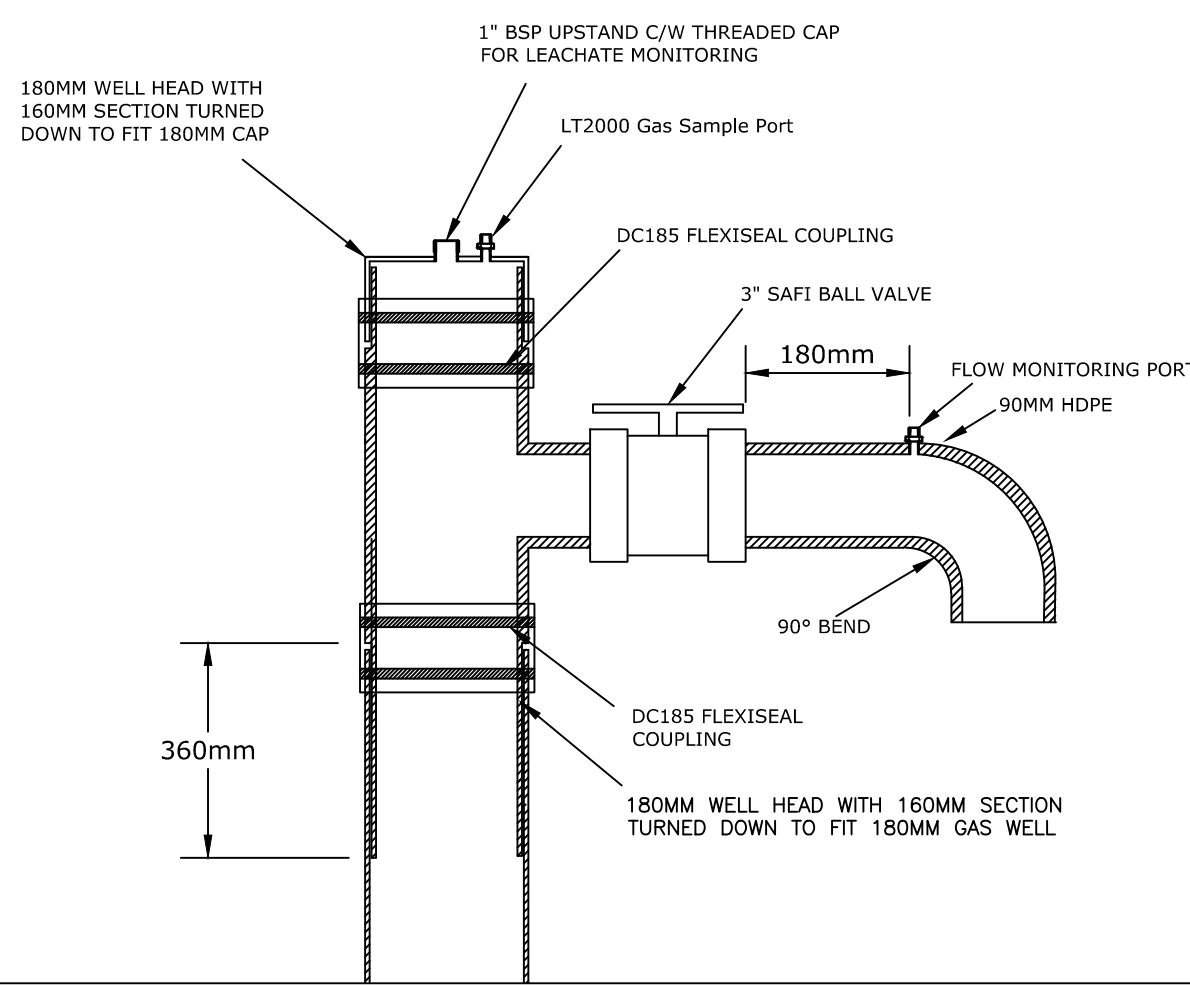
GAS MONITORING BOREHOLE CONSTRUCTION DETAIL



GAS WELL CONSTRUCTION DETAIL



TYPICAL GAS WELL HEADWORKS



 AMGEN CYMRU BRYN PICA LLWYDGOED ABERDARE CF44 0BX TEL: 01685 870770 FAX: 01685 874684	PROJECT TITLE BRYN PICA WASTE MANAGEMENT FACILITY ANNUAL REPORT 201			
	DRAWING TITLE LANDFILL GAS MANAGEMENT SYSTEM			
	DRAWN BY APW	DATE 16.02.2016	CHECKED BY LF	16.02.2016
	SCALE AS SHOWN	SHEET SIZE A1	DRAWING No: AC2017/ENV/02/002	REVISION 0
NOTES	REV	DESCRIPTION		DATE BY

APPENDIX B

Tables Not In Text

Table 4.1 - Statistical summary of Sub Surface Landfill Gas monitoring carried out at the Bryn Pica Landfill during the period Jan 16 – Dec 16.

Table 4.1: Summary of Sub-Surface Landfill Gas Monitoring (Outside Waste) carried out at Bryn Pica Landfill Site Jan 16 - Dec 16.

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				0.3	0.0	0.1	21.6	0.1	10.4
CO2 (% by Vol)	0.4	0.0	0.1				0.4	0.1	0.2	12.0	0.1	6.7
O2 (% by Vol)	21.6	19.5	20.6				21.6	19.8	21.0	21.1	5.4	12.1
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
Determinant	GMBH06-03			GMBH06-05			GMBH06-06			GMBH06-07		
	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
CH4 (% by Vol)	7.7	0.0	1.5	0.4	0.0	0.1	38.3	8.4	29.4	1.0	0.0	0.2
CO2 (% by Vol)	11.1	0.0	2.4	2.1	0.0	0.8	24.6	13.5	20.7	3.7	0.0	1.5
O2 (% by Vol)	21.1	8.2	17.9	21.3	18.7	20.4	8.0	0.2	1.9	21.2	0.5	13.6
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)	0.4	0.0	0.1	0.4	0.0	0.1	0.4	0.0	0.1	0.5	0.0	0.1
CO2 (% by Vol)	2.6	0.0	0.6	3.6	0.0	0.9	2.3	0.0	0.8	1.5	0.0	0.6
O2 (% by Vol)	21.4	13.5	19.8	21.3	18.1	20.0	21.7	19.4	20.4	21.7	18.5	20.7
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	Not Used			GMBH07-03			GMBH07-04			Not Used		
	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
CH4 (% by Vol)				0.0	0.0	0.0	0.4	0.0	0.1			
CO2 (% by Vol)				2.5	0.1	1.4	1.0	0.0	0.4			
O2 (% by Vol)				20.9	19.0	19.9	21.1	19.9	20.6			
CO (ppm)				0	0	0	0	0	0			
H2S (ppm)				0	0	0	0	0	0			
Pressure (mbar)				0.0	0.0	0.0	0.0	0.0	0.0			
Determinant	GMBH08-01			Not Used			GMBH09-01			GMBH12-01		
	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave	Max	Min	Ave
CH4 (% by Vol)	49.9	20.5	39.5				0.4	0.0	0.1	1.0	0.0	0.5
CO2 (% by Vol)	20.2	7.5	16.9				8.4	0.0	1.6	1.4	0.2	0.7
O2 (% by Vol)	13.9	0.1	2.5				21.8	2.4	18.0	20.7	10.2	16.5
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	17	78.8	44.1	61.1	26.6	20.4	23.1	0.2	0.0	0.1	0.9	-3.0	-1.1
BYPWM102	Phase 1	14	60.7	34.4	49.5	31.5	23.6	27.2	0.2	0.0	0.1	0.9	-3.6	-1.1
BYPWM103	Phase 1	15	48.0	25.3	35.3	21.5	17.5	19.5	0.2	0.0	0.1	1.6	-1.9	-0.3
BYPWM104	Phase 1	21	63.1	31.2	48.1	27.1	22.1	24.6	0.5	0.0	0.1	0.9	-5.1	-1.4
BYPWM105	Phase 1	15	68.0	37.6	52.9	33.2	26.2	29.7	0.2	0.0	0.1	-0.2	-13.9	-4.3
BYPWM107	Phase 1	21	75.5	19.2	59.5	25.3	20.3	23.2	0.4	0.0	0.1	0.4	-5.8	-0.7
BYPWM108	Phase 1	20	56.7	14.6	40.1	29.7	21.4	25.8	0.1	0.0	0.1	1.9	-4.1	-1.1
BYPWM109	Phase 1	13	67.9	34.5	52.6	30.5	24.3	28.7	0.2	0.0	0.1	2.2	-26.2	-7.1
BYPWM111	Phase 1	16	54.9	19.0	39.0	26.2	20.7	23.8	0.2	0.0	0.1	2.1	-4.7	-0.7
BYPWM201	Phase 1	19	68.5	25.7	54.1	29.7	21.9	27.2	0.3	0.0	0.1	0.0	-1.5	-0.9
BYPWM202	Phase 1	17	63.4	21.3	48.0	22.4	19.3	21.0	0.5	0.0	0.2	0.0	-1.5	-0.6
BYPWM203	Phase 1	17	70.1	27.6	50.5	31.6	24.6	28.6	0.2	0.0	0.1	0.1	-3.3	-1.1
BYPWM204	Phase 1	17	57.8	18.0	42.7	32.6	16.4	26.6	8.1	0.0	1.2	0.6	-6.9	-1.6
BYPWM206	Phase 1	20	54.6	2.1	32.0	20.0	2.2	16.2	19.7	1.4	4.6	0.6	-1.8	-0.6
BYPWM207	Phase 1	14	56.1	37.2	46.3	22.3	19.4	20.9	0.5	0.0	0.1	-0.2	-3.7	-1.4
BYPWM208	Phase 1	15	53.4	30.3	44.9	27.5	20.1	24.2	1.9	0.0	0.5	-9.6	-123.5	-44.8
BYPWM210	Phase 1	22	75.9	5.4	54.6	19.4	2.8	17.4	19.3	0.0	1.0	0.4	-4.3	-0.9
BYPWM211	Phase 1	14	19.4	0.4	4.7	17.9	0.3	4.7	20.9	1.7	16.5	0.8	-1.7	-0.4
BYPWM212	Phase 1	17	70.0	34.4	56.0	31.7	24.8	29.4	0.3	0.0	0.0	0.4	-6.8	-2.0
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

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	17	70.0	36.7	54.1	32.3	22.7	27.6	0.7	0.0	0.2	-1.0	-6.4	-3.1
BYPW0004	Phase 2	17	61.3	31.8	51.7	39.1	28.9	33.6	1.1	0.0	0.2	0.4	-59.3	-24.8
BYPW0005	Phase 2	15	58.7	23.4	49.3	42.5	23.2	38.2	6.6	0.0	0.6	6.5	-23.1	-5.9
BYPW0006	Phase 2	14	60.1	34.5	49.4	39.7	29.7	35.9	0.1	0.0	0.0	3.2	-12.5	-4.7
BYPW0007	Phase 2	14	59.0	37.1	48.1	41.0	30.7	36.3	3.6	0.2	1.3	-0.2	-36.6	-14.7
BYPW0008	Phase 2	17	60.7	21.9	49.5	41.0	24.8	35.4	0.1	0.0	0.0	0.7	-24.5	-4.0
BYPW0009	Phase 2	17	59.1	36.2	51.7	40.3	32.6	37.2	0.2	0.0	0.0	0.6	-15.8	-7.0
BYPW0011	Phase 2	12	56.1	41.7	49.1	39.7	32.7	37.1	0.8	0.0	0.2	-3.1	-17.3	-7.6
BYPW0501	Phase 2	15	59.3	32.5	48.6	31.0	24.4	27.8	0.3	0.0	0.1	1.1	-2.6	-0.9
BYPW0502	Phase 2	16	67.3	41.0	50.4	29.3	22.6	25.5	2.1	0.0	0.8	2.1	-10.8	-3.5
BYPW0503	Phase 2	15	65.1	35.2	53.0	30.3	24.4	27.4	0.1	0.0	0.1	0.1	-26.7	-4.6
BYPW0504	Phase 2	19	65.2	15.9	44.5	32.1	8.9	26.8	13.6	0.0	0.7	0.3	-25.3	-2.9
BYPW0505	Phase 2	15	60.0	37.0	46.5	30.9	24.2	28.2	0.1	0.0	0.0	0.8	-2.9	-1.3
BYPW0515	Phase 2	21	60.3	5.5	48.0	43.4	15.2	36.4	5.0	0.0	0.3	1.1	-1.0	-0.1
BYPW0516	Phase 2	15	59.4	31.3	48.1	41.1	30.0	36.5	0.5	0.0	0.1	3.4	-23.3	-11.4
BYPW0601	Phase 2	12	58.2	40.5	52.1	39.4	34.5	37.1	0.3	0.0	0.1	-1.8	-15.0	-8.6
BYPW0602	Phase 2	19	69.8	17.5	54.9	36.9	16.6	30.8	13.7	0.0	1.7	0.6	-63.7	-27.2
BYPW0605	Phase 2	6	57.5	0.1	23.0	32.3	1.6	15.6	20.9	0.0	9.3	0.4	-1.9	-0.5
BYPW0606	Phase 2	20	58.8	22.6	48.6	41.9	25.9	36.7	1.4	0.0	0.2	0.5	-2.6	-0.7
BYPW0607	Phase 2	15	59.1	24.6	48.5	40.4	26.2	35.3	0.4	0.0	0.0	0.5	-3.1	-1.3
BYPW0608	Phase 2	20	60.7	23.7	46.3	41.2	21.7	35.0	8.4	0.0	0.5	0.5	-3.3	-0.8
BYPW1203	Phase 2	19	64.4	24.5	45.6	27.1	20.0	23.7	0.3	0.0	0.1	1.4	-3.0	-0.8
BYPW1204	Phase 2	21	71.8	30.4	57.5	31.2	23.5	28.0	1.0	0.0	0.2	0.8	-5.3	-1.8
BYPW1307	Phase 2	16	58.9	35.0	49.7	41.5	32.1	37.7	0.3	0.0	0.0	-0.8	-31.9	-12.6
BYPW1308	Phase 2	12	57.0	46.5	52.3	39.9	35.6	38.3	0.8	0.0	0.2	-11.7	-37.4	-22.1

Cells used to reference worksheet location in VLOOKUP Formula

Value in column V has been turned into string as INDIRECT Function would not relate from column U

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	16	64.9	39.1	53.3	37.0	28.5	33.8	0.2	0.0	0.1	1.4	-15.3	-3.9
BYPW0703	Phase 3	12	59.3	55.0	57.3	43.1	38.7	41.9	0.8	0.0	0.2	-28.6	-65.7	-39.9
BYPW0704	Phase 3	13	58.6	39.0	50.8	40.5	33.5	36.6	0.4	0.0	0.1	-2.6	-34.7	-14.6
BYPW0705	Phase 3	15	67.5	63.8	65.6	35.4	32.2	33.8	0.7	0.0	0.2	-21.3	-64.3	-41.7
BYPW0706	Phase 3	12	64.0	57.5	59.7	41.5	36.3	39.5	1.0	0.0	0.1	-27.1	-58.0	-38.0
BYPW0707	Phase 3	4	0.9	0.3	0.6	4.7	2.3	3.2	20.6	18.8	19.5	0.4	-4.7	-1.2
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	17	60.2	32.4	48.5	42.2	29.5	36.7	0.4	0.0	0.1	0.6	-4.1	-1.3
BYPW1002	Phase 3	17	60.5	37.0	50.2	42.2	29.9	35.1	0.2	0.0	0.1	-0.1	-15.2	-5.8
BYPW1003	Phase 3	19	60.5	40.9	51.5	42.0	31.9	37.1	0.2	0.0	0.1	0.3	-21.0	-7.6
BYPW1004	Phase 3	13	60.3	54.8	58.3	42.9	38.4	41.7	1.1	0.0	0.2	-29.5	-76.9	-44.9
BYPW1005	Phase 3	14	53.4	41.2	48.0	36.2	29.7	34.0	1.2	0.0	0.2	-29.7	-78.8	-47.6
BYPW1006	Phase 3	17	73.1	35.2	55.1	39.0	24.4	31.5	2.2	0.0	0.4	0.2	-19.8	-4.1
BYPW1101	Phase 3	12	59.3	42.0	55.0	40.4	35.1	38.3	0.6	0.0	0.2	-27.2	-88.6	-47.1
BYPW1102	Phase 3	5	59.8	0.3	46.7	40.6	4.5	31.9	19.8	0.0	4.4	1.7	-22.6	-7.4
BYPW1103	Phase 3	4	6.7	0.2	3.4	6.2	1.3	3.9	20.7	19.2	19.6	-26.7	-65.8	-42.5
BYPWM101	Phase 3	17	78.8	44.1	61.1	26.6	20.4	23.1	0.2	0.0	0.1	0.9	-3.0	-1.1
BYPZ0001	Phase 3	12	57.6	53.6	56.0	45.5	40.9	44.0	0.8	0.0	0.1	-27.6	-88.7	-42.9
BYPW1201	Phase 3	15	55.7	37.4	49.2	41.4	32.5	37.9	0.2	0.0	0.1	0.2	-28.2	-11.4
BYPW1202	Phase 3	16	60.5	46.3	54.0	42.9	28.8	37.6	0.9	0.0	0.1	-0.6	-47.4	-25.2
BYPW1301	Phase 3	17	62.6	0.2	52.4	41.9	0.9	35.7	20.9	0.0	2.2	14.7	-15.5	-1.4
BYPW1302	Phase 3	15	63.0	37.2	53.4	37.7	30.8	35.1	0.8	0.0	0.1	3.4	-82.9	-13.4
BYPW1309	Phase 3	15	62.6	37.4	52.8	39.8	28.9	35.1	0.9	0.0	0.2	-1.5	-36.1	-14.5

Cells used to reference worksheet location in VLOOKUP Formula
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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
BYPZ0001	IB1	:Z500	BYPZ0001IB1.Z500	BYPZ0001IB1.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

[illegible]

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)

PW1206	IB1	-Z500	PW1205IB1.Z500	PW1205IB1.Z500
PW1206	IB1	-Z500	PW1206IB1.Z500	PW1206IB1.Z500
PW1207	IB1	-Z500	PW1207IB1.Z500	PW1207IB1.Z500
PW1303	IB1	-Z500	PW1303IB1.Z500	PW1303IB1.Z500
PW1305	IB1	-Z500	PW1305IB1.Z500	PW1305IB1.Z500
PW1306	IB1	-Z500	PW1306IB1.Z500	PW1306IB1.Z500
PW1310	IB1	-Z500	PW1310IB1.Z500	PW1310IB1.Z500
PW1501	IB1	-Z500	PW1501IB1.Z500	PW1501IB1.Z500
PW1502	IB1	-Z500	PW1502IB1.Z500	PW1502IB1.Z500
PW1503	IB1	-Z500	PW1503IB1.Z500	PW1503IB1.Z500
PW1504	IB1	-Z500	PW1504IB1.Z500	PW1504IB1.Z500
PW1505	IB1	-Z500	PW1505IB1.Z500	PW1505IB1.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	1/5/2016 8:29	52.7	24.2	0	23.1	-1.02	947	<NO VALU	-	0	0	LOW	23.1	2.18	76.9	5	5 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	2/4/2016 8:24	74.6	21.5	0	3.9	-1.81	989	<NO VALU	<NO VALU	0	0	LOW	3.9	3.47	96.1	0	5 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	2/4/2016 8:25	76.1	21.8	0.1	2	-2.18	989	<NO VALU	<NO VALU	0	0	LOW	1.62	3.49	97.9	5	5 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	3/1/2016 12:40	58.5	23.1	0.1	18.3	0.93	971	<NO VALU	<NO VALU	0	0	LOW	17.92	2.53	81.6	5	10 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	3/1/2016 12:42	58.6	23.3	0.1	18	-0.14	971	<NO VALU	<NO VALU	0	0	LOW	17.62	2.52	81.9	10	10 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	4/7/2016 9:28	46.5	23.2	0.2	30.1	-0.37	966	<NO VALU	<NO VALU	0	0	LOW	29.35	2	69.7	10	10 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	5/6/2016 11:40	78.1	20.4	0.1	1.4	-1.2	975	<NO VALU	<NO VALU	6	67	LOW	1.02	3.83	98.5	5	5 500. Routin	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	6/7/2016 13:48	47.2	22.7	0.1	30	-0.78	988	<NO VALU	<NO VALU	1	0	LOW	29.62	2.08	69.9	5	5 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	7/8/2016 13:04	47.1	24.1	0	28.8	-0.37	981	<NO VALU	<NO VALU	1	37	LOW	28.8	1.95	71.2	5	5 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	8/1/2016 8:15	78.7	21.1	0.1	0.1	-0.63	984	<NO VALU	<NO VALU	0	31	LOW	0	3.73	99.8	5	10 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	8/1/2016 8:17	78.8	21.1	0.1	0	-1.12	984	<NO VALU	<NO VALU	0	33	LOW	0	3.73	99.9	10	10 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	9/13/2016 10:05	50.4	26.6	0	23	-2.67	975	<NO VALU	<NO VALU	0	32	LOW	23	1.89	77	10	10 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	10/4/2016 10:24	44.1	26.4	0.1	29.4	-2.93	991	<NO VALU	<NO VALU	0	33	LOW	29.02	1.67	70.5	10	10 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	11/4/2016 7:48	46.3	26	0.1	27.6	-0.75	975	<NO VALU	<NO VALU	0	15	LOW	27.22	1.78	72.3	10	10 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	11/18/2016 12:17	78.4	20.5	0.1	1	-0.46	959	<NO VALU	<NO VALU	5	24	LOW	0.62	3.82	98.9	10	15 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	11/18/2016 12:20	74	20.8	0.1	5.1	-3.01	960	<NO VALU	<NO VALU	5	20	LOW	4.72	3.56	94.8	15	15 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
BYPWM101	12/8/2016 8:59	48.9	25.4	0.2	25.5	-0.75	987	<NO VALU	<NO VALU	3	0	LOW	24.75	1.93	74.3	10	10 1. OK	<NO VALU	<NO VALU	300842.7 205092.3
Count		17	17	17	17	17	17	0	0	17	17	0	17	17	17	17	17	0	0	0
Max		78.8	26.6	0.2	30.1	0.93	991	0	0	6	67	0	29.62	3.83	99.9	15	15	0	0	0
Min		44.1	20.4	0	0	-3.01	947	0	0	0	0	0	0	1.67	69.7	0	5	0	0	0
Ave		61.11765	23.07059	0.088235	15.72353	-1.132941	976	#DIV/0!	#DIV/0!	1.235294	17.17647	#DIV/0!	15.42824	2.715294	84.18824	7.647059	8.823529	#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	1/5/2016 8:25	52.2	31.5	0	16.3	-2.72	947	<NO VALU	-	0	0	LOW	16.3	1.66	83.7	5	5 1. OK	<NO VALU	<NO VALU	300878.6 205119.2
BYPWM102	2/4/2016 8:20	34.4	24.8	0.1	40.7	-3.59	989	<NO VALU	<NO VALU	0	0	LOW	40.32	1.39	59.2	5	0 3. Low CH	<NO VALU	<NO VALU	300878.6 205119.2
BYPWM102	3/1/2016 12:38	44.4	26.1	0.1	29.4	0.93	971	<NO VALU	<NO VALU	0	0	LOW	29.02	1.7	70.5	5	5 1. OK	<NO VALU	<NO VALU	300878.6 205119.2
BYPWM102	4/7/2016 9:25	41.6	26.2	0.1	32.1	-0.66	966	<NO VALU	<NO VALU	0	0	LOW	31.72	1.59	67.8	5	5 1. OK	<NO VALU	<NO VALU	300878.6 205119.2
BYPWM102	5/6/2016 11:37	47.8	25.6	0.1	26.5	-1.09	975	<NO VALU	<NO VALU	7	12	LOW	26.12	1.87	73.4	5	5 500. Routir	<NO VALU	<NO VALU	300878.6 205119.2
BYPWM102	6/7/2016 13:45	55.1	25.5	0.2	19.2	-0.62	988	<NO VALU	<NO VALU	3	0	LOW	18.45	2.16	80.6	5	5 1. OK	<NO VALU	<NO VALU	300878.6 205119.2
BYPWM102	7/8/2016 13:06	53.3	27.7	0	19	-0.24	981	<NO VALU	<NO VALU	3	10	LOW	19	1.92	81	5	5 1. OK	<NO VALU	<NO VALU	300878.6 205119.2
BYPWM102	8/1/2016 8:12	51.8	28.5	0.1	19.6	-0.79	984	<NO VALU	<NO VALU	1	7	LOW	19.22	1.82	80.3	5	5 1. OK	<NO VALU	<NO VALU	300878.6 205119.2
BYPWM102	9/13/2016 10:01	60.6	28.9	0.1	10.4	-1.06	975	<NO VALU	<NO VALU	0	12	LOW	10.02	2.1	89.5	5	10 1. OK	<NO VALU	<NO VALU	300878.6 205119.2
BYPWM102	9/13/2016 10:02	60.7	28.7	0	10.6	-1.2	975	<NO VALU	<NO VALU	0	13	LOW	10.6	2.11	89.4	10	10 1. OK	<NO VALU	<NO VALU	300878.6 205119.2
BYPWM102	10/4/2016 10:22	53.3	28.4	0.1	18.2	-1.15	991	<NO VALU	<NO VALU	0	16	LOW	17.82	1.88	81.7	10	10 1. OK	<NO VALU	<NO VALU	300878.6 205119.2
BYPWM102	11/4/2016 7:46	45.9	28.3	0.1	25.7	-0.95	976	<NO VALU	<NO VALU	0	4	LOW	25.32	1.62	74.2	10	10 1. OK	<NO VALU	<NO VALU	300878.6 205119.2
BYPWM102	11/18/2016 12:15	45.2	27.5	0.2	27.1	-1.52	960	<NO VALU	<NO VALU	6	4	LOW	26.35	1.64	72.7	10	10 1. OK	<NO VALU	<NO VALU	300878.6 205119.2
BYPWM102	12/8/2016 9:02	46.4	23.6	0.2	29.8	-1.14	986	<NO VALU	<NO VALU	0	0	LOW	29.05	1.97	70	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	0	0	0
Max		60.7	31.5	0.2	40.7	0.93	991	0	0	7	16	0	40.32	2.16	89.5	10	10	0	0	0
Min		34.4	23.6	0	10.4	-3.59	947	0	0	0	0	0	10.02	1.39	59.2	5	0	0	0	0
Ave		49.47857	27.23571	0.1	23.18571	-1.128571	976	#DIV/0!	#DIV/0!	1.428571	5.571429	#DIV/0!	22.80786	1.816429	76.71429	6.785714	6.785714	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (n Atm Press)	
BYPWM103	1/5/2016 8:33	27.8	20.7	0	51.5	-1	947
BYPWM103	2/4/2016 8:28	26.3	19.4	0.1	54.2	-1.89	989
BYPWM103	3/1/2016 12:45	34.7	18.8	0.1	46.4	1.56	971
BYPWM103	4/7/2016 9:30	25.3	19.6	0.1	55	0.08	966
BYPWM103	5/6/2016 11:42	31.9	18.6	0	49.5	-0.22	975
BYPWM103	6/7/2016 13:50	31.7	18.3	0.1	49.9	0.21	988
BYPWM103	7/8/2016 12:51	34.4	19.6	0	46	-0.19	981
BYPWM103	8/1/2016 8:20	39.7	20.5	0	39.8	0.07	984
BYPWM103	8/1/2016 8:22	39.7	20.5	0	39.8	-0.49	984
BYPWM103	9/13/2016 10:09	38.6	21.5	0	39.9	-0.63	975
BYPWM103	10/4/2016 10:27	32.7	21.2	0.1	46	-1.04	992
BYPWM103	11/4/2016 7:50	33.1	21.1	0.1	45.7	-0.41	976
BYPWM103	11/18/2016 12:23	47.9	17.5	0.1	34.5	0.12	960
BYPWM103	11/18/2016 12:25	48	17.5	0.1	34.4	-0.28	959
BYPWM103	12/8/2016 9:04	37	17.9	0.2	44.9	-0.47	986
Count		15	15	15	15	15	15
Max		48	21.5	0.2	55	1.56	992
Min		25.3	17.5	0	34.4	-1.89	947
Ave		35.25333	19.51333	0.066667	45.16667	-0.305333	975.5333

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	51.5	1.34	48.5	0
<NO VALU <NO VALU		0	0	LOW	53.82	1.36	45.7	0
<NO VALU <NO VALU		0	0	LOW	46.02	1.85	53.5	0
<NO VALU <NO VALU		0	0	LOW	54.62	1.29	44.9	0
<NO VALU <NO VALU		6	11	LOW	49.5	1.72	50.5	0
<NO VALU <NO VALU		1	0	LOW	49.52	1.73	50	0
<NO VALU <NO VALU		2	8	LOW	46	1.76	54	0
<NO VALU <NO VALU		0	6	LOW	39.8	1.94	60.2	0
<NO VALU <NO VALU		0	6	LOW	39.8	1.94	60.2	1
<NO VALU <NO VALU		0	8	LOW	39.9	1.8	60.1	1
<NO VALU <NO VALU		0	12	LOW	45.62	1.54	53.9	1
<NO VALU <NO VALU		0	4	LOW	45.32	1.57	54.2	0
<NO VALU <NO VALU		5	4	LOW	34.12	2.74	65.4	0
<NO VALU <NO VALU		4	4	LOW	34.02	2.74	65.5	1
<NO VALU <NO VALU		0	0	LOW	44.15	2.07	54.9	1
0	0	15	15	0	15	15	15	15
0	0	6	12	0	54.62	2.74	65.5	1
0	0	0	0	0	34.02	1.29	44.9	0
#DIV/0!	#DIV/0!	1.2	4.2	#DIV/0!	44.914	1.826	54.76667	0.333333

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0 3. Low CH4	<NO VALU	<NO VALU	300835	205048.8	
0 3. Low CH4	<NO VALU	<NO VALU	300835	205048.8	
0 3. Low CH4	<NO VALU	<NO VALU	300835	205048.8	
0 3. Investigate	<NO VALU	<NO VALU	300835	205048.8	
0 500. Routing	<NO VALU	<NO VALU	300835	205048.8	
0 2. Rebalancing	<NO VALU	<NO VALU	300835	205048.8	
0 2. Rebalancing	<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	
1 1. OK	<NO VALU	<NO VALU	300835	205048.8	
0 2. Rebalancing	<NO VALU	<NO VALU	300835	205048.8	
0 2. Rebalancing	<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. Rebalancing	<NO VALU	<NO VALU	300835	205048.8	
15	0	0	0		
1	0	0	0		
0	0	0	0		
0.333333	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G: Vacuum (	Atm Press	Flow (M3 / Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N CH4/CO2	Original V	Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)
BYPWM104	1/5/2016 8:36	52	26	0	22	-1.94	947 <NO VALU -	0	0 LOW	22	2	78	5	5 1. OK	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	2/4/2016 8:31	32.3	23.9	0	43.8	-4.16	988 <NO VALU <NO VALU	0	0 LOW	43.8	1.35	56.2	0	0 3. Low CH	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	2/11/2016 8:19	63.1	26.6	0.5	9.8	-0.06	970 <NO VALU <NO VALU	0	0 LOW	7.92	2.37	89.7	0	5 1. OK	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	2/11/2016 8:21	62.6	27.1	0.3	10	-0.21	970 <NO VALU <NO VALU	0	0 LOW	8.87	2.31	89.7	5	5 No comme	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	3/1/2016 12:48	58.7	26.3	0.1	14.9	0.93	971 <NO VALU <NO VALU	0	0 LOW	14.52	2.23	85	5	10 1. OK	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	3/1/2016 12:50	58.4	26.7	0	14.9	0.17	971 <NO VALU <NO VALU	0	0 LOW	14.9	2.19	85.1	10	10 1. OK	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	4/7/2016 9:32	36.4	23.1	0.2	40.3	-1.1	967 <NO VALU <NO VALU	0	0 LOW	39.55	1.58	59.5	10	5 2. Rebalan	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	4/22/2016 9:21	62.5	24.3	0.2	13	-0.62	985 <NO VALU <NO VALU	0	0 LOW	12.25	2.57	86.9	0	5 1. OK	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	4/22/2016 9:23	61.8	24.9	0.1	13.2	-1.04	985 <NO VALU <NO VALU	0	0 LOW	12.82	2.48	86.7	5	5 1. OK	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	5/6/2016 11:44	46.4	23.3	0	30.3	-1.02	975 <NO VALU <NO VALU	6	11 LOW	30.3	1.99	69.7	5	5 500. Routir	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	6/7/2016 13:57	44.6	22.1	0	33.3	-2.64	988 <NO VALU <NO VALU	1	0 LOW	33.3	2.02	66.7	5	1 2. Rebalan	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	7/8/2016 12:54	38.8	23.5	0	37.7	-1.46	981 <NO VALU <NO VALU	2	15 LOW	37.7	1.65	62.3	5	5 1. OK	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	7/19/2016 9:45	49.8	24	0.1	26.1	-1.59	981 <NO VALU <NO VALU	6	16 LOW	25.72	2.08	73.8	5	5 1. OK	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	8/1/2016 8:25	48.1	24.6	0	27.3	-1.08	984 <NO VALU <NO VALU	0	14 LOW	27.3	1.96	72.7	5	5 1. OK	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	9/13/2016 10:15	41.9	24.7	0	33.4	-2.54	975 <NO VALU <NO VALU	0	19 LOW	33.4	1.7	66.6	5	5 1. OK	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	10/4/2016 10:30	31.3	24.5	0	44.2	-5.13	992 <NO VALU <NO VALU	0	21 LOW	44.2	1.28	55.8	5	0 2. Rebalan	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	11/4/2016 7:53	31.2	24.2	0	44.6	-2.21	976 <NO VALU <NO VALU	0	7 LOW	44.6	1.29	55.4	0	0 2. Rebalan	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	11/18/2016 12:27	53.5	25.7	0.1	20.7	-0.54	959 <NO VALU <NO VALU	4	2 LOW	20.32	2.08	79.2	0	5 1. OK	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	11/18/2016 12:29	52.7	25.6	0.1	21.6	-1.19	959 <NO VALU <NO VALU	3	2 LOW	21.22	2.06	78.3	5	5 1. OK	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	12/8/2016 9:06	41	22.2	0.2	36.6	-0.24	986 <NO VALU <NO VALU	1	0 LOW	35.85	1.85	63.2	0	1 1. OK	<NO VALU <NO VALU	300880.5	205068.4
BYPWM104	12/8/2016 9:10	43.6	22.6	0.1	33.7	-2.56	986 <NO VALU <NO VALU	1	0 LOW	33.32	1.93	66.2	1	1 1. OK	<NO VALU <NO VALU	300880.5	205068.4
Count		21	21	21	21	21	21	0	0	21	21	21	21	21	0	0	0
Max		63.1	27.1	0.5	44.6	0.93	992	0	0	6	21	0	44.6	2.57	89.7	10	10
Min		31.2	22.1	0	9.8	-5.13	947	0	0	0	0	7.92	1.28	55.4	0	0	0
Ave		48.12857	24.56667	0.095238	27.20952	-1.43952	976	#DIV/0!	#DIV/0!	1.142857	5.095238	#DIV/0!	26.85048	1.950952	72.69524	3.857143	4.190476
															#DIV/0!	#DIV/0!	#DIV/0!

[illegible]

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (n Atm Press)	
BYPWM107	1/5/2016 8:48	70.7	24.6	0.1	4.6	-0.64	947
BYPWM107	1/5/2016 8:49	68.9	25.3	0	5.8	-0.94	947
BYPWM107	2/4/2016 8:40	19.2	20.3	0.1	60.4	-5.84	989
BYPWM107	2/11/2016 8:27	59.2	25	0.4	15.4	0.1	970
BYPWM107	2/11/2016 8:29	60.3	25.2	0.1	14.4	-0.13	970
BYPWM107	3/1/2016 13:07	70.7	23	0.1	6.2	0.14	970
BYPWM107	3/1/2016 13:08	70.9	23.2	0	5.9	0.2	970
BYPWM107	4/7/2016 9:41	68.7	24.1	0.1	7.1	0.37	967
BYPWM107	4/7/2016 9:43	66.9	24.7	0.1	8.3	-0.28	967
BYPWM107	5/6/2016 11:57	45.3	22.2	0.1	32.4	-1	975
BYPWM107	6/7/2016 14:07	33.7	20.4	0.1	45.8	-1.29	988
BYPWM107	7/8/2016 12:47	71.1	23.4	0.1	5.4	-0.35	981
BYPWM107	7/8/2016 12:49	67.8	23.6	0	8.6	-0.6	981
BYPWM107	8/1/2016 8:41	34.7	22.6	0	42.7	-0.9	983
BYPWM107	9/13/2016 10:30	73.5	23	0	3.5	0.08	975
BYPWM107	9/13/2016 10:32	73.4	23	0	3.6	-0.65	975
BYPWM107	10/4/2016 10:41	43.4	23.1	0.1	33.4	-1.05	992
BYPWM107	11/4/2016 8:12	75.3	23.5	0.1	1.1	-0.23	976
BYPWM107	11/4/2016 8:13	75.5	23.5	0	1	-0.49	975
BYPWM107	11/18/2016 12:43	65.7	23.1	0.1	11.1	-0.94	959
BYPWM107	12/8/2016 9:22	34.6	20.9	0.1	44.4	-1.15	986
Count		21	21	21	21	21	21
Max		75.5	25.3	0.4	60.4	0.37	992
Min		19.2	20.3	0	1	-5.84	947
Ave		59.5	23.22381	0.080952	17.19524	-0.742381	973.4762

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0		0 LOW	4.22	2.87	95.3	0
<NO VALU -		0		0 LOW	5.8	2.72	94.2	5
<NO VALU <NO VALU		0		0 LOW	60.02	0.95	39.5	5
<NO VALU <NO VALU		0		0 LOW	13.9	2.37	84.2	0
<NO VALU <NO VALU		0		0 LOW	14.02	2.39	85.5	5
<NO VALU <NO VALU		0		0 LOW	5.82	3.07	93.7	5
<NO VALU <NO VALU		0		0 LOW	5.9	3.06	94.1	10
<NO VALU <NO VALU		0		0 LOW	6.72	2.85	92.8	0
<NO VALU <NO VALU		0		0 LOW	7.92	2.71	91.6	5
<NO VALU <NO VALU		7		13 LOW	32.02	2.04	67.5	5
<NO VALU <NO VALU		1		0 LOW	45.42	1.65	54.1	5
<NO VALU <NO VALU		4		16 LOW	5.02	3.04	94.5	1
<NO VALU <NO VALU		5		14 LOW	8.6	2.87	91.4	5
<NO VALU <NO VALU		0		7 LOW	42.7	1.54	57.3	5
<NO VALU <NO VALU		0		14 LOW	3.5	3.2	96.5	0
<NO VALU <NO VALU		0		15 LOW	3.6	3.19	96.4	5
<NO VALU <NO VALU		0		17 LOW	33.02	1.88	66.5	5
<NO VALU <NO VALU		0		9 LOW	0.72	3.2	98.8	5
<NO VALU <NO VALU		0		9 LOW	1	3.21	99	10
<NO VALU <NO VALU		3		7 LOW	10.72	2.84	88.8	10
<NO VALU <NO VALU		1		0 LOW	44.02	1.66	55.5	10
0	0	21	21	0	21	21	21	21
0	0	7	17	0	60.02	3.21	99	10
0	0	0	0	0	0.72	0.95	39.5	0
#DIV/0!	#DIV/0!	1	5.761905	#DIV/0!	16.88857	2.538571	82.72381	4.809524

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
5 1. OK	<NO VALU	<NO VALU	300831.2	205006
0 3. Low CH ₄	<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
10 1. OK	<NO VALU	<NO VALU	300831.2	205006
10 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
5 500. Routir	<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
10 1. OK	<NO VALU	<NO VALU	300831.2	205006
10 1. OK	<NO VALU	<NO VALU	300831.2	205006
10 1. OK	<NO VALU	<NO VALU	300831.2	205006
5 2. Rebalan	<NO VALU	<NO VALU	300831.2	205006
21	0	0	0	
10	0	0	0	
0	0	0	0	
5.52381	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (n Atm Press)	
BYPWM108	1/5/2016 8:44	42	26.6	0.1	31.3	-2.64	947
BYPWM108	1/5/2016 8:45	41.7	27.1	0	31.2	-2.6	947
BYPWM108	2/4/2016 8:38	14.6	21.4	0	64	-4.09	989
BYPWM108	3/1/2016 13:03	56.7	27.7	0.1	15.5	1.89	971
BYPWM108	3/1/2016 13:04	56.3	28.1	0	15.6	0.13	970
BYPWM108	4/7/2016 9:39	18.6	22.7	0.1	58.6	-0.65	967
BYPWM108	5/6/2016 11:53	49.3	26.2	0.1	24.4	-0.3	975
BYPWM108	5/6/2016 11:54	49.5	26.2	0	24.3	-0.47	975
BYPWM108	6/7/2016 14:05	27	22	0.1	50.9	-1.21	988
BYPWM108	7/8/2016 12:44	26.2	24.6	0.1	49.1	0.4	981
BYPWM108	7/19/2016 9:33	50.1	26.1	0.1	23.7	-1.28	981
BYPWM108	7/19/2016 9:35	44.1	26	0	29.9	-1.55	981
BYPWM108	8/1/2016 8:36	46.8	24.9	0.1	28.2	0	983
BYPWM108	8/1/2016 8:38	46.9	24.9	0.1	28.1	-1.72	983
BYPWM108	9/13/2016 10:28	38.4	29.7	0	31.9	-2.11	975
BYPWM108	10/4/2016 10:38	31.1	28	0	40.9	-1.81	992
BYPWM108	11/4/2016 8:15	28.4	26.3	0.1	45.2	-0.92	975
BYPWM108	11/18/2016 12:39	51.3	27.5	0.1	21.1	-0.91	959
BYPWM108	11/18/2016 12:40	51.4	27.4	0.1	21.1	-1.27	959
BYPWM108	12/8/2016 9:20	31.6	23.5	0.1	44.8	-0.26	987
Count		20	20	20	20	20	20
Max		56.7	29.7	0.1	64	1.89	992
Min		14.6	21.4	0	15.5	-4.09	947
Ave		40.1	25.845	0.065	33.99	-1.0685	974.25

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	30.92	1.58	68.6	1
<NO VALU -		0	0	LOW	31.2	1.54	68.8	1
<NO VALU <NO VALU		0	0	LOW	64	0.68	36	0
<NO VALU <NO VALU		0	0	LOW	15.12	2.05	84.4	0
<NO VALU <NO VALU		0	0	LOW	15.6	2	84.4	1
<NO VALU <NO VALU		0	0	LOW	58.22	0.82	41.3	0
<NO VALU <NO VALU		7	11	LOW	24.02	1.88	75.5	0
<NO VALU <NO VALU		7	11	LOW	24.3	1.89	75.7	1
<NO VALU <NO VALU		1	0	LOW	50.52	1.23	49	1
<NO VALU <NO VALU		3	24	LOW	48.72	1.07	50.8	0
<NO VALU <NO VALU		6	17	LOW	23.32	1.92	76.2	0
<NO VALU <NO VALU		6	24	LOW	29.9	1.7	70.1	1
<NO VALU <NO VALU		0	15	LOW	27.82	1.88	71.7	0
<NO VALU <NO VALU		0	16	LOW	27.72	1.88	71.8	1
<NO VALU <NO VALU		0	6	LOW	31.9	1.29	68.1	1
<NO VALU <NO VALU		0	48	LOW	40.9	1.11	59.1	1
<NO VALU <NO VALU		0	15	LOW	44.82	1.08	54.7	0
<NO VALU <NO VALU		3	9	LOW	20.72	1.87	78.8	0
<NO VALU <NO VALU		3	10	LOW	20.72	1.88	78.8	1
<NO VALU <NO VALU		1	0	LOW	44.42	1.34	55.1	0
0	0	20	20	0	20	20	20	20
0	0	7	48	0	64	2.05	84.4	1
0	0	0	0	0	15.12	0.68	36	0
#DIV/0!	#DIV/0!	1.85	10.3	#DIV/0!	33.743	1.5345	65.945	0.5

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
1 1. OK		<NO VALU	<NO VALU	300867.5	205018.9
1 1. OK		<NO VALU	<NO VALU	300867.5	205018.9
0 3. Low CH4		<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 3. Investigate		<NO VALU	<NO VALU	300867.5	205018.9
1 500. Routing		<NO VALU	<NO VALU	300867.5	205018.9
1 500. Routing		<NO VALU	<NO VALU	300867.5	205018.9
0 2. Rebalancing		<NO VALU	<NO VALU	300867.5	205018.9
0 2. Rebalancing		<NO VALU	<NO VALU	300867.5	205018.9
1 1. OK		<NO VALU	<NO VALU	300867.5	205018.9
1 1. OK		<NO VALU	<NO VALU	300867.5	205018.9
1 1. OK		<NO VALU	<NO VALU	300867.5	205018.9
1 1. OK		<NO VALU	<NO VALU	300867.5	205018.9
0 2. Rebalancing		<NO VALU	<NO VALU	300867.5	205018.9
0 2. Rebalancing		<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. Rebalancing		<NO VALU	<NO VALU	300867.5	205018.9
20	0	0	0		
1	0	0	0		
0	0	0	0		
0.65	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPWM109	1/5/2016 8:56	45.8	27.4	0.1	26.7	-22.15	946
BYPWM109	2/4/2016 14:33	34.5	24.3	0.1	41.1	-26.18	989
BYPWM109	3/1/2016 13:25	67.9	30.5	0.1	1.5	2.23	970
BYPWM109	3/1/2016 13:27	67	29	0	4	-0.88	970
BYPWM109	4/7/2016 9:53	51.4	27.1	0.2	21.3	-5.45	967
BYPWM109	5/12/2016 8:36	50.9	26.7	0.1	22.3	-5.67	968
BYPWM109	6/6/2016 13:49	53	25.3	0	21.7	-2.15	984
BYPWM109	7/8/2016 12:37	50.1	25.8	0.1	24	-4.07	981
BYPWM109	8/1/2016 8:56	51.8	26.4	0.1	21.7	-6.12	984
BYPWM109	9/13/2016 9:53	53.1	26.1	0.1	20.7	-7.9	975
BYPWM109	10/4/2016 10:17	51.5	26.3	0.1	22.1	-6.84	992
BYPWM109	11/4/2016 8:18	52.2	27	0.1	20.7	-4.26	975
BYPWM109	12/2/2016 11:04	54.3	24.9	0.1	20.7	-2.7	992
Count		13	13	13	13	13	13
Max		67.9	30.5	0.2	41.1	2.23	992
Min		34.5	24.3	0	1.5	-26.18	946
Ave		52.57692	26.67692	0.092308	20.65385	-7.087692	976.3846

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	26.32	1.67	73.2	5
<NO VALU <NO VALU		0	0	LOW	40.72	1.42	58.8	5
<NO VALU <NO VALU		0	0	LOW	1.12	2.23	98.4	0
<NO VALU <NO VALU		0	0	LOW	4	2.31	96	5
<NO VALU <NO VALU		0	0	LOW	20.55	1.9	78.5	5
<NO VALU <NO VALU		3	12	LOW	21.92	1.91	77.6	5
<NO VALU <NO VALU		2	0	LOW	21.7	2.09	78.3	5
<NO VALU <NO VALU		4	14	LOW	23.62	1.94	75.9	5
<NO VALU <NO VALU		0	6	LOW	21.32	1.96	78.2	5
<NO VALU <NO VALU		0	15	LOW	20.32	2.03	79.2	5
<NO VALU <NO VALU		0	18	LOW	21.72	1.96	77.8	5
<NO VALU <NO VALU		0	8	LOW	20.32	1.93	79.2	5
<NO VALU <NO VALU		4	3	LOW	20.32	2.18	79.2	5
0	0	13	13	0	13	13	13	13
0	0	4	18	0	40.72	2.31	98.4	5
0	0	0	0	0	1.12	1.42	58.8	0
#DIV/0!	#DIV/0!	1	5.846154	#DIV/0!	20.30385	1.963846	79.25385	4.615385

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 1. OK		<NO VALU	<NO VALU	300901.4	205018.7
0 3. Low CH ₄		<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
5 500. Routir		<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
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
13	0	0	0		
5	0	0	0		
0	0	0	0		
4.615385	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPWM111	1/5/2016 8:59	33.3	24.2	0.1	42.4	-3.03	946
BYPWM111	2/4/2016 8:42	19	20.7	0.1	60.2	-4.67	989
BYPWM111	3/1/2016 13:11	51.6	24.8	0.1	23.5	2.13	970
BYPWM111	3/1/2016 13:12	51.4	25.1	0	23.5	0.23	970
BYPWM111	4/7/2016 9:45	34.1	23.4	0.2	42.3	-0.24	967
BYPWM111	5/12/2016 9:24	33.3	22.2	0	44.5	-0.85	968
BYPWM111	6/6/2016 14:06	49.9	24.2	0	25.9	0.78	985
BYPWM111	6/6/2016 14:09	39.7	22.3	0	38	-0.37	985
BYPWM111	7/8/2016 10:48	29.1	21.9	0	49	-0.44	980
BYPWM111	8/1/2016 8:45	24.6	23.4	0.1	51.9	0.02	984
BYPWM111	9/13/2016 9:49	34.9	24.3	0	40.8	-2.76	975
BYPWM111	10/4/2016 10:12	43.2	25.4	0.1	31.3	-1.63	992
BYPWM111	10/4/2016 10:14	43.2	25.4	0	31.4	-0.58	992
BYPWM111	11/4/2016 8:07	54.9	26.2	0.1	18.8	-0.09	975
BYPWM111	11/4/2016 8:09	54.8	26.2	0	19	-0.28	976
BYPWM111	12/8/2016 9:25	27.2	21.1	0.1	51.6	-0.08	987
Count		16	16	16	16	16	16
Max		54.9	26.2	0.2	60.2	2.13	992
Min		19	20.7	0	18.8	-4.67	946
Ave		39.0125	23.8	0.05625	37.13125	-0.74125	977.5625

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0		0 LOW	42.02	1.38	57.5	0
<NO VALU <NO VALU		0		0 LOW	59.82	0.92	39.7	0
<NO VALU <NO VALU		0		0 LOW	23.12	2.08	76.4	0
<NO VALU <NO VALU		0		0 LOW	23.5	2.05	76.5	1
<NO VALU <NO VALU		0		0 LOW	41.55	1.46	57.5	0
<NO VALU <NO VALU		4		4 LOW	44.5	1.5	55.5	0
<NO VALU <NO VALU		2		0 LOW	25.9	2.06	74.1	0
<NO VALU <NO VALU		2		0 LOW	38	1.78	62	5
<NO VALU <NO VALU		2		3 LOW	49	1.33	51	0
<NO VALU <NO VALU		0		2 LOW	51.52	1.05	48	0
<NO VALU <NO VALU		0		7 LOW	40.8	1.44	59.2	0
<NO VALU <NO VALU		0		15 LOW	30.92	1.7	68.6	0
<NO VALU <NO VALU		0		11 LOW	31.4	1.7	68.6	1
<NO VALU <NO VALU		0		4 LOW	18.42	2.1	81.1	1
<NO VALU <NO VALU		0		5 LOW	19	2.09	81	5
<NO VALU <NO VALU		0		0 LOW	51.22	1.29	48.3	5
0	0	16	16	0	16	16	16	16
0	0	4	15	0	59.82	2.1	81.1	5
0	0	0	0	0	18.42	0.92	39.7	0
#DIV/0!	#DIV/0!	0.625	3.1875	#DIV/0!	36.91813	1.620625	62.8125	1.125

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0 3. Low CH4	<NO VALU	<NO VALU	300842.6	204960.2	
0 3. Low CH4	<NO VALU	<NO VALU	300842.6	204960.2	
1 1. OK	<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	
0 500. Routir	<NO VALU	<NO VALU	300842.6	204960.2	
5 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	
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	
1 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	
16	0	0	0		
5	0	0	0		
0	0	0	0		
1.1875	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (n Atm Press)	
BYPWM201	1/5/2016 11:12	49.8	28.1	0	22.1	-1.41	951
BYPWM201	2/4/2016 9:09	37.9	25.1	0	37	-0.44	992
BYPWM201	2/11/2016 8:55	65.2	29.7	0.1	5	0.04	972
BYPWM201	2/11/2016 8:57	61.5	29.7	0.1	8.7	-0.63	974
BYPWM201	3/1/2016 13:44	37.1	22.9	0	40	-0.68	973
BYPWM201	3/23/2016 8:29	65.2	28.3	0.3	6.2	-0.56	983
BYPWM201	3/23/2016 8:31	59.6	28.6	0	11.8	-0.95	985
BYPWM201	4/7/2016 8:40	45.4	25.9	0.2	28.5	-0.12	969
BYPWM201	4/7/2016 8:42	45.1	26.7	0.1	28.1	-0.81	969
BYPWM201	5/6/2016 8:22	37.3	24.2	0.3	38.2	-1.09	977
BYPWM201	6/6/2016 8:00	61.2	27.8	0.3	10.7	-0.44	986
BYPWM201	6/6/2016 8:02	61.3	28.1	0.3	10.3	-1.13	990
BYPWM201	7/8/2016 8:33	61.7	28.2	0	10.1	-1.04	982
BYPWM201	8/5/2016 8:08	41.8	25.8	0.2	32.2	-1.19	987
BYPWM201	9/13/2016 8:12	68.5	29.1	0	2.4	-1.34	979
BYPWM201	10/4/2016 8:43	67	28.3	0.1	4.6	-0.79	995
BYPWM201	11/4/2016 8:56	67.9	29	0	3.1	-0.97	980
BYPWM201	11/4/2016 8:58	68	29.1	0	2.9	-1.17	980
BYPWM201	12/2/2016 8:33	25.7	21.9	0.1	52.3	-1.47	996
	Count	19	19	19	19	19	19
	Max	68.5	29.7	0.3	52.3	0.04	996
	Min	25.7	21.9	0	2.4	-1.47	951
	Ave	54.06316	27.18421	0.110526	18.64211	-0.852105	980

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	22.1	1.77	77.9	5
<NO VALU <NO VALU		0	0	LOW	37	1.51	63	5
<NO VALU <NO VALU		0	0	LOW	4.62	2.2	94.9	0
<NO VALU <NO VALU		0	0	LOW	8.32	2.07	91.2	5
<NO VALU <NO VALU		0	0	LOW	40	1.62	60	5
<NO VALU <NO VALU		0	0	LOW	5.07	2.3	93.5	0
<NO VALU <NO VALU		0	0	LOW	11.8	2.08	88.2	5
<NO VALU <NO VALU		0	0	LOW	27.75	1.75	71.3	0
<NO VALU <NO VALU		0	0	LOW	27.72	1.69	71.8	5
<NO VALU <NO VALU		1	5	LOW	37.07	1.54	61.5	5
<NO VALU <NO VALU		2	0	LOW	9.57	2.2	89	0
<NO VALU <NO VALU		2	0	LOW	9.17	2.18	89.4	5
<NO VALU <NO VALU		0	9	LOW	10.1	2.19	89.9	5
<NO VALU <NO VALU		4	16	LOW	31.45	1.62	67.6	5
<NO VALU <NO VALU		0	8	LOW	2.4	2.35	97.6	5
<NO VALU <NO VALU		0	15	LOW	4.22	2.37	95.3	5
<NO VALU <NO VALU		0	5	LOW	3.1	2.34	96.9	5
<NO VALU <NO VALU		0	6	LOW	2.9	2.34	97.1	10
<NO VALU <NO VALU		1	2	LOW	51.92	1.17	47.6	10
0	0	19	19	0	19	19	19	19
0	0	4	16	0	51.92	2.37	97.6	10
0	0	0	0	0	2.4	1.17	47.6	0
#DIV/0!	#DIV/0!	0.526316	3.473684	#DIV/0!	18.22526	1.962632	81.24737	4.473684

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
0 3. Low CH ₄		<NO VALU	<NO VALU	300797.6	204948.6
5 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
5 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
0 3. Low CH ₄		<NO VALU	<NO VALU	300797.6	204948.6
5 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
5 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
5 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
5 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
0 500. Routir		<NO VALU	<NO VALU	300797.6	204948.6
5 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
5 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
5 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
5 1. OK		<NO VALU	<NO VALU	300797.6	204948.6
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
0 2. Rebalan		<NO VALU	<NO VALU	300797.6	204948.6
19	0	0	0		
10	0	0	0		
0	0	0	0		
4.473684	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPWM202	1/5/2016 11:15	47.4	22.4	0	30.2	-1.07	953
BYPWM202	2/4/2016 9:11	43.7	21.2	0.3	34.8	-0.51	994
BYPWM202	2/11/2016 8:59	44.1	22	0.3	33.6	-0.17	974
BYPWM202	3/1/2016 13:46	45.6	20.5	0.5	33.4	-0.04	975
BYPWM202	3/23/2016 8:34	57.7	21.6	0	20.7	-0.78	985
BYPWM202	4/7/2016 8:45	21.3	21	0.1	57.6	-0.28	970
BYPWM202	4/22/2016 10:10	63.4	21.8	0.1	14.7	-0.34	990
BYPWM202	4/22/2016 10:12	56.8	21.7	0	21.5	-0.77	990
BYPWM202	5/6/2016 8:24	59	20.9	0	20.1	-0.31	981
BYPWM202	5/6/2016 8:26	59.8	21.3	0	18.9	-1.11	981
BYPWM202	6/6/2016 8:05	51.4	20.4	0.3	27.9	-0.7	990
BYPWM202	8/5/2016 8:11	40.7	20.3	0.4	38.6	-0.25	989
BYPWM202	8/5/2016 8:13	40.8	20.3	0.4	38.5	-1.08	989
BYPWM202	9/13/2016 8:15	61.8	20.7	0.3	17.2	-1	979
BYPWM202	10/4/2016 8:47	51.4	21.2	0	27.4	-0.53	997
BYPWM202	11/4/2016 9:02	45.3	21	0.1	33.6	-0.5	980
BYPWM202	12/2/2016 8:35	25.8	19.3	0	54.9	-1.53	997
	Count	17	17	17	17	17	17
	Max	63.4	22.4	0.5	57.6	-0.04	997
	Min	21.3	19.3	0	14.7	-1.53	953
	Ave	48	21.03529	0.164706	30.8	-0.645294	983.1765

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	30.2	2.12	69.8	5
<NO VALU <NO VALU		0	0	LOW	33.67	2.06	64.9	5
<NO VALU <NO VALU		0	0	LOW	32.47	2	66.1	5
<NO VALU <NO VALU		0	0	LOW	31.52	2.22	66.1	5
<NO VALU <NO VALU		0	0	LOW	20.7	2.67	79.3	5
<NO VALU <NO VALU		0	0	LOW	57.22	1.01	42.3	5
<NO VALU <NO VALU		0	0	LOW	14.32	2.91	85.2	0
<NO VALU <NO VALU		0	0	LOW	21.5	2.62	78.5	1
<NO VALU <NO VALU		0	8	LOW	20.1	2.82	79.9	0
<NO VALU <NO VALU		0	10	LOW	18.9	2.81	81.1	5
<NO VALU <NO VALU		0	0	LOW	26.77	2.52	71.8	5
<NO VALU <NO VALU		5	1	LOW	37.1	2	61	0
<NO VALU <NO VALU		4	1	LOW	37	2.01	61.1	1
<NO VALU <NO VALU		0	0	LOW	16.07	2.99	82.5	1
<NO VALU <NO VALU		0	10	LOW	27.4	2.42	72.6	1
<NO VALU <NO VALU		0	2	LOW	33.22	2.16	66.3	1
<NO VALU <NO VALU		1	2	LOW	54.9	1.34	45.1	1
0	0	17	17	0	17	17	17	17
0	0	5	10	0	57.22	2.99	85.2	5
0	0	0	0	0	14.32	1.01	42.3	0
#DIV/0!	#DIV/0!	0.588235	2	#DIV/0!	30.18	2.275294	69.03529	2.705882

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
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
5 1. OK		<NO VALU	<NO VALU	300792.4	204892.9
5 1. OK		<NO VALU	<NO VALU	300792.4	204892.9
0 3. Investigate		<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
5 500. Routing		<NO VALU	<NO VALU	300792.4	204892.9
5 500. Routing		<NO VALU	<NO VALU	300792.4	204892.9
5 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
1 1. OK		<NO VALU	<NO VALU	300792.4	204892.9
0 2. Rebalance		<NO VALU	<NO VALU	300792.4	204892.9
17	0	0	0		
5	0	0	0		
0	0	0	0		
2.764706	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPWM203	1/5/2016 9:13	40	27.2	0	32.8	-3.31	947
BYPWM203	2/4/2016 10:03	55.9	29	0.1	15	-2.77	992
BYPWM203	2/4/2016 10:07	56.1	29.5	0.1	14.3	-2.72	990
BYPWM203	3/10/2016 8:43	27.6	24.6	0.2	47.6	-2.5	984
BYPWM203	4/12/2016 12:15	56.4	29.7	0.2	13.7	-0.54	970
BYPWM203	4/12/2016 12:18	53.7	29.6	0.1	16.6	-0.8	971
BYPWM203	5/6/2016 10:28	37.8	25.2	0.1	36.9	-1.02	976
BYPWM203	5/20/2016 12:15	49.6	27.3	0.1	23	0.07	980
BYPWM203	5/20/2016 12:17	49.3	27.6	0	23.1	-0.62	980
BYPWM203	6/6/2016 10:01	42.1	28.7	0	29.2	-0.13	986
BYPWM203	7/8/2016 10:18	69.8	31.6	0.1	0	-0.39	980
BYPWM203	7/8/2016 10:20	70.1	31.6	0	0	-0.44	980
BYPWM203	8/1/2016 12:25	53.4	28.8	0.1	17.7	-0.72	983
BYPWM203	9/13/2016 9:41	45.2	26.8	0.1	27.9	-1.37	976
BYPWM203	10/4/2016 10:01	51.2	30	0.1	18.7	-1.12	993
BYPWM203	11/4/2016 10:46	46.2	27.6	0.1	26.1	-0.94	975
BYPWM203	12/2/2016 10:46	54.7	31.5	0.1	13.7	-0.19	992
	Count	17	17	17	17	17	17
	Max	70.1	31.6	0.2	47.6	0.07	993
	Min	27.6	24.6	0	0	-3.31	947
	Ave	50.53529	28.60588	0.088235	20.95882	-1.147647	979.7059
	>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 -		0		0 LOW	32.8	1.47	67.2	5
<NO VALU <NO VALU		0		0 LOW	14.62	1.93	84.9	0
<NO VALU <NO VALU		0		0 LOW	13.92	1.9	85.6	5
<NO VALU <NO VALU		0		0 LOW	46.85	1.12	52.2	5
<NO VALU <NO VALU		0		0 LOW	12.95	1.9	86.1	0
<NO VALU <NO VALU		0		0 LOW	16.22	1.81	83.3	5
<NO VALU <NO VALU		6		8 LOW	36.52	1.5	63	5
<NO VALU <NO VALU		0		0 LOW	22.62	1.82	76.9	0
<NO VALU <NO VALU		0		0 LOW	23.1	1.79	76.9	5
<NO VALU <NO VALU		1		0 LOW	29.2	1.47	70.8	0
<NO VALU <NO VALU		3		28 LOW	0	2.21	101.4	0
<NO VALU <NO VALU		3		29 LOW	0	2.22	101.7	5
<NO VALU <NO VALU		3		16 LOW	17.32	1.85	82.2	5
<NO VALU <NO VALU		0		21 LOW	27.52	1.69	72	5
<NO VALU <NO VALU		0		31 LOW	18.32	1.71	81.2	5
<NO VALU <NO VALU		0		10 LOW	25.72	1.67	73.8	5
<NO VALU <NO VALU		3		4 LOW	13.32	1.74	86.2	5
0	0	17	17	0	17	17	17	17
0	0	6	31	0	46.85	2.22	101.7	5
0	0	0	0	0	0	1.12	52.2	0
#DIV/0!	#DIV/0!	1.117647	8.647059	#DIV/0!	20.64706	1.752941	79.14118	3.529412

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
0 3. Low CH ₄	<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
0 500. Routir	<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
5 1. OK	<NO VALU	<NO VALU	300837.3	204916.9
17	0	0	0	
5	0	0	0	
0	0	0	0	
4.117647	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Macuum (rr Atm Press)	
BYPWM204	1/5/2016 9:07	43.4	27.1	0.7	28.8	0.1	947
BYPWM204	1/5/2016 9:09	43.9	28	0	28.1	-3.21	947
BYPWM204	2/4/2016 8:49	18	20.9	1.1	60	-6.43	989
BYPWM204	3/1/2016 13:20	52.1	27.4	0.4	20.1	0.58	970
BYPWM204	3/1/2016 13:21	52.4	27.9	0.4	19.3	-1.14	970
BYPWM204	4/7/2016 9:50	43.7	26.6	0.2	29.5	-3.32	967
BYPWM204	5/6/2016 10:31	56	28.9	0.2	14.9	-1.04	976
BYPWM204	6/6/2016 10:04	40.4	24.1	0.2	35.3	-0.94	986
BYPWM204	7/8/2016 10:43	19.6	16.4	8.1	55.9	-0.87	980
BYPWM204	7/19/2016 9:19	45	27.8	0	27.2	0.08	982
BYPWM204	8/1/2016 8:51	29.9	25.7	0.9	43.5	0.04	984
BYPWM204	8/12/2016 11:24	45.4	26.1	6	22.5	0.13	989
BYPWM204	8/12/2016 11:26	57.8	32.6	1.7	7.9	-0.13	989
BYPWM204	9/13/2016 9:44	45	28.8	0	26.2	-6.91	975
BYPWM204	10/4/2016 10:05	46.5	28.6	0	24.9	-1.22	992
BYPWM204	11/4/2016 10:48	42.1	27.7	0	30.2	-3.13	975
BYPWM204	12/2/2016 10:50	45.3	27.6	0.1	27	-0.44	992
	Count	17	17	17	17	17	17
	Max	57.8	32.6	8.1	60	0.58	992
	Min	18	16.4	0	7.9	-6.91	947
	Ave	42.73529	26.6	1.176471	29.48824	-1.638235	977.0588

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0		0 LOW	26.17	1.6	70.5	0
<NO VALU -		0		0 LOW	28.1	1.57	71.9	10
<NO VALU <NO VALU		0		0 LOW	55.86	0.86	38.9	5
<NO VALU <NO VALU		0		0 LOW	18.6	1.9	79.5	0
<NO VALU <NO VALU		0		0 LOW	17.8	1.88	80.3	5
<NO VALU <NO VALU		0		0 LOW	28.75	1.64	70.3	5
<NO VALU <NO VALU		7		10 LOW	14.15	1.94	84.9	5
<NO VALU <NO VALU		0		0 LOW	34.55	1.68	64.5	5
<NO VALU <NO VALU		1		4 LOW	25.44	1.2	36	5
<NO VALU <NO VALU		6		7 LOW	27.2	1.62	72.8	0
<NO VALU <NO VALU		0		6 LOW	40.12	1.16	55.6	0
<NO VALU <NO VALU		0		11 LOW	0	1.74	71.5	0
<NO VALU <NO VALU		0		19 LOW	1.51	1.77	90.4	5
<NO VALU <NO VALU		0		17 LOW	26.2	1.56	73.8	5
<NO VALU <NO VALU		0		26 LOW	24.9	1.63	75.1	1
<NO VALU <NO VALU		0		5 LOW	30.2	1.52	69.8	1
<NO VALU <NO VALU		2		3 LOW	26.62	1.64	72.9	1
0	0	17	17	0	17	17	17	17
0	0	7	26	0	55.86	1.94	90.4	10
0	0	0	0	0	0	0.86	36	0
#DIV/0!	#DIV/0!	0.941176	6.352941	#DIV/0!	25.06882	1.582941	69.33529	3.117647

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
10 1. OK		<NO VALU	<NO VALU	300879.7 204921.5
10 1. OK		<NO VALU	<NO VALU	300879.7 204921.5
0 3. Low CH4		<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
5 500. Routir		<NO VALU	<NO VALU	300879.7 204921.5
5 2. Rebalan		<NO VALU	<NO VALU	300879.7 204921.5
0 2. Rebalan		<NO VALU	<NO VALU	300879.7 204921.5
5 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
1 2. Rebalan		<NO VALU	<NO VALU	300879.7 204921.5
1 1. OK		<NO VALU	<NO VALU	300879.7 204921.5
1 1. OK		<NO VALU	<NO VALU	300879.7 204921.5
1 1. OK		<NO VALU	<NO VALU	300879.7 204921.5
17	0	0	0	
10	0	0	0	
0	0	0	0	
3.764706	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Macuum (rr Atm Pressu	
BYPWM206	1/5/2016 11:27	21.6	17.7	2.9	57.8	-0.66	953
BYPWM206	2/4/2016 9:17	3.3	11.5	5.5	79.7	-0.15	994
BYPWM206	2/11/2016 9:04	7.8	15.5	2.8	73.9	0.07	974
BYPWM206	3/1/2016 13:51	50.9	19.4	1.6	28.1	0.64	975
BYPWM206	3/1/2016 13:53	50.1	19.6	1.6	28.7	-0.42	975
BYPWM206	3/23/2016 8:39	28.6	17.5	2.9	51	-0.75	985
BYPWM206	4/7/2016 8:48	2.1	2.9	19.7	75.3	-1.38	970
BYPWM206	4/22/2016 10:19	24.5	16.7	2.8	56	-0.12	990
BYPWM206	5/6/2016 8:37	54.6	20	1.9	23.5	-0.26	981
BYPWM206	5/6/2016 8:39	45.2	19.5	1.8	33.5	-1.82	981
BYPWM206	6/6/2016 8:13	23.3	18.5	1.4	56.8	-1.04	990
BYPWM206	7/8/2016 8:41	54.6	19.7	1.9	23.8	-0.25	984
BYPWM206	7/8/2016 8:44	51.8	19.6	1.8	26.8	-1.48	984
BYPWM206	8/5/2016 8:16	9.9	15.9	4.8	69.4	-0.88	989
BYPWM206	9/13/2016 8:19	42.9	19.2	2.3	35.6	-0.45	979
BYPWM206	9/13/2016 8:21	42.7	19.2	2.3	35.8	-1.44	980
BYPWM206	10/4/2016 8:51	2.2	2.2	18.1	77.5	-0.52	997
BYPWM206	11/4/2016 9:05	51	17.7	7.8	23.5	0	980
BYPWM206	11/4/2016 9:09	36.9	17.1	4.7	41.3	-0.63	980
BYPWM206	12/2/2016 8:41	35.3	15.1	4.1	45.5	0	997
Count		20	20	20	20	20	20
Max		54.6	20	19.7	79.7	0.64	997
Min		2.1	2.2	1.4	23.5	-1.82	953
Ave		31.965	16.225	4.635	47.175	-0.577	981.9
>3% O2				5			
% > 3% O2				25			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	46.9	1.22	39.3	0
<NO VALU <NO VALU		0	0	LOW	59.02	0.29	14.8	0
<NO VALU <NO VALU		0	0	LOW	63.37	0.5	23.3	0
<NO VALU <NO VALU		0	0	LOW	22.08	2.62	70.3	0
<NO VALU <NO VALU		0	0	LOW	22.68	2.56	69.7	5
<NO VALU <NO VALU		0	0	LOW	40.1	1.63	46.1	5
<NO VALU <NO VALU		0	0	LOW	1.23	0.72	5	5
<NO VALU <NO VALU		0	0	LOW	45.47	1.47	41.2	0
<NO VALU <NO VALU		2	1	LOW	16.36	2.73	74.6	0
<NO VALU <NO VALU		2	4	LOW	26.73	2.32	64.7	5
<NO VALU <NO VALU		0	0	LOW	51.54	1.26	41.8	5
<NO VALU <NO VALU		0	4	LOW	16.66	2.77	74.3	0
<NO VALU <NO VALU		1	4	LOW	20.03	2.64	71.4	5
<NO VALU <NO VALU		4	9	LOW	51.35	0.62	25.8	0
<NO VALU <NO VALU		0	1	LOW	26.95	2.23	62.1	0
<NO VALU <NO VALU		0	1	LOW	27.15	2.22	61.9	1
<NO VALU <NO VALU		0	3	LOW	9.44	1	4.4	1
<NO VALU <NO VALU		0	2	LOW	0	2.88	68.7	0
<NO VALU <NO VALU		0	5	LOW	23.63	2.16	54	1
<NO VALU <NO VALU		2	2	LOW	30.08	2.34	50.4	0
0	0	20	20	0	20	20	20	20
0	0	4	9	0	63.37	2.88	74.6	5
0	0	0	0	0	0	0.29	4.4	0
#DIV/0!	#DIV/0!	0.55	1.8	#DIV/0!	30.0385	1.809	48.19	1.65

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0 3. Low CH ₄	<NO VALU	<NO VALU	300779	204844.6	
0 3. Low CH ₄	<NO VALU	<NO VALU	300779	204844.6	
0 3. Low CH ₄	<NO VALU	<NO VALU	300779	204844.6	
5 1. OK	<NO VALU	<NO VALU	300779	204844.6	
5 1. OK	<NO VALU	<NO VALU	300779	204844.6	
0 3. Low CH ₄	<NO VALU	<NO VALU	300779	204844.6	
0 3. Investigat	<NO VALU	<NO VALU	300779	204844.6	
0 2. Rebalan	<NO VALU	<NO VALU	300779	204844.6	
5 500. Routir	<NO VALU	<NO VALU	300779	204844.6	
5 500. Routir	<NO VALU	<NO VALU	300779	204844.6	
0 2. Rebalan	<NO VALU	<NO VALU	300779	204844.6	
5 1. OK	<NO VALU	<NO VALU	300779	204844.6	
5 1. OK	<NO VALU	<NO VALU	300779	204844.6	
0 2. Rebalan	<NO VALU	<NO VALU	300779	204844.6	
1 2. Rebalan	<NO VALU	<NO VALU	300779	204844.6	
1 2. Rebalan	<NO VALU	<NO VALU	300779	204844.6	
0 2. Rebalan	<NO VALU	<NO VALU	300779	204844.6	
1 1. OK	<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	
20	0	0	0		
5	0	0	0		
0	0	0	0		
1.65	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPWM207	1/5/2016 11:19	48.2	22.1	0	29.7	-0.15	953
BYPWM207	1/5/2016 11:21	45.2	21.8	0	33	-3.74	953
BYPWM207	2/4/2016 9:13	40.7	20.1	0.2	39	-1.92	994
BYPWM207	2/11/2016 9:07	49.5	21.3	0	29.2	-0.38	973
BYPWM207	3/1/2016 13:57	54.3	21	0	24.7	-0.51	975
BYPWM207	4/7/2016 8:50	44.3	21.4	0.5	33.8	-1.14	970
BYPWM207	5/6/2016 8:29	41.7	21	0.1	37.2	-1.77	981
BYPWM207	6/6/2016 8:09	56.1	19.4	0.4	24.1	-1.32	990
BYPWM207	7/8/2016 8:46	51	20	0	29	-1.25	984
BYPWM207	8/5/2016 8:19	40.9	21	0.1	38	-1.52	989
BYPWM207	9/13/2016 8:23	49.2	20.5	0	30.3	-1.98	980
BYPWM207	10/4/2016 8:53	37.2	22.3	0.1	40.4	-2.04	997
BYPWM207	11/4/2016 9:11	50	20.8	0	29.2	-0.83	980
BYPWM207	12/2/2016 8:44	40	20.1	0.1	39.8	-0.54	997
Count		14	14	14	14	14	14
Max		56.1	22.3	0.5	40.4	-0.15	997
Min		37.2	19.4	0	24.1	-3.74	953
Ave		46.30714	20.91429	0.107143	32.67143	-1.363571	979.7143

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	29.7	2.18	70.3	5
<NO VALU -		0	0	LOW	33	2.07	67	5
<NO VALU <NO VALU		0	0	LOW	38.25	2.02	60.8	5
<NO VALU <NO VALU		0	0	LOW	29.2	2.32	70.8	5
<NO VALU <NO VALU		0	0	LOW	24.7	2.59	75.3	5
<NO VALU <NO VALU		0	0	LOW	31.92	2.07	65.7	5
<NO VALU <NO VALU		0	11	LOW	36.82	1.99	62.7	5
<NO VALU <NO VALU		0	0	LOW	22.6	2.89	75.5	5
<NO VALU <NO VALU		0	8	LOW	29	2.55	71	5
<NO VALU <NO VALU		4	13	LOW	37.62	1.95	61.9	5
<NO VALU <NO VALU		0	11	LOW	30.3	2.4	69.7	5
<NO VALU <NO VALU		0	16	LOW	40.02	1.67	59.5	5
<NO VALU <NO VALU		0	9	LOW	29.2	2.4	70.8	1
<NO VALU <NO VALU		1	3	LOW	39.42	1.99	60.1	1
0	0	14	14	0	14	14	14	14
0	0	4	16	0	40.02	2.89	75.5	5
0	0	0	0	0	22.6	1.67	59.5	1
#DIV/0!	#DIV/0!	0.357143	5.071429	#DIV/0!	32.26786	2.220714	67.22143	4.428571

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
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
5 500. Routir		<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
1 1. OK		<NO VALU	<NO VALU	300825.9	204861.1
1 1. OK		<NO VALU	<NO VALU	300825.9	204861.1
1 1. OK		<NO VALU	<NO VALU	300825.9	204861.1
14	0	0	0		
5	0	0	0		
1	0	0	0		
4.142857	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPWM208	1/5/2016 11:30	30.3	20.1	1.9	47.7	-45.14	953
BYPWM208	1/20/2016 9:21	41	25.4	0	33.6	-123.45	988
BYPWM208	1/20/2016 9:23	41.7	24.7	0.3	33.3	-72.48	988
BYPWM208	2/4/2016 9:19	33.8	22.8	0.7	42.7	-59.06	994
BYPWM208	2/11/2016 9:08	49.4	26.7	0.2	23.7	-65.92	973
BYPWM208	2/11/2016 9:11	48.4	27	0.4	24.2	-58.83	973
BYPWM208	3/1/2016 13:59	44.4	21.2	0.6	33.8	-23.07	975
BYPWM208	3/23/2016 8:45	43.9	22.5	0.2	33.4	-35.77	986
BYPWM208	6/6/2016 8:17	45.6	23.4	0.3	30.7	-24.27	990
BYPWM208	7/8/2016 8:48	52.4	24.8	0.3	22.5	-14.07	984
BYPWM208	8/5/2016 8:25	53.4	27.5	0.5	18.6	-9.58	989
BYPWM208	9/13/2016 8:25	52.7	24.1	0.4	22.8	-56.6	980
BYPWM208	10/4/2016 8:56	42.6	23.3	0.2	33.9	-27.02	997
BYPWM208	11/4/2016 9:15	49.1	24.4	0.9	25.6	-30.98	980
BYPWM208	12/2/2016 8:49	44.1	24.9	0.1	30.9	-26.38	997
	Count	15	15	15	15	15	15
	Max	53.4	27.5	1.9	47.7	-9.58	997
	Min	30.3	20.1	0	18.6	-123.45	953
	Ave	44.85333	24.18667	0.466667	30.49333	-44.84133	983.1333

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0		0 LOW	40.56	1.51	50.4	10
<NO VALU <NO VALU		0		0 LOW	33.6	1.61	66.4	0
<NO VALU <NO VALU		0		0 LOW	32.17	1.69	66.4	5
<NO VALU <NO VALU		0		0 LOW	40.07	1.48	56.6	10
<NO VALU <NO VALU		0		0 LOW	22.95	1.85	76.1	0
<NO VALU <NO VALU		0		0 LOW	22.7	1.79	75.4	5
<NO VALU <NO VALU		0		0 LOW	31.54	2.09	65.6	5
<NO VALU <NO VALU		0		0 LOW	32.65	1.95	66.4	5
<NO VALU <NO VALU		0		0 LOW	29.57	1.95	69	5
<NO VALU <NO VALU		0		2 LOW	21.37	2.11	77.2	5
<NO VALU <NO VALU		5		15 LOW	16.72	1.94	80.9	5
<NO VALU <NO VALU		0		3 LOW	21.3	2.19	76.8	5
<NO VALU <NO VALU		0		7 LOW	33.15	1.83	65.9	5
<NO VALU <NO VALU		0		4 LOW	22.22	2.01	73.5	5
<NO VALU <NO VALU		2		4 LOW	30.52	1.77	69	5
0	0	15	15	0	15	15	15	15
0	0	5	15	0	40.56	2.19	80.9	10
0	0	0	0	0	16.72	1.48	50.4	0
#DIV/0!	#DIV/0!	0.466667	2.333333	#DIV/0!	28.73933	1.851333	69.04	5

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0 3. Low CH ₄	<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 3. Low CH ₄	<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	
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	
15	0	0	0		
5	0	0	0		
0	0	0	0		
4.333333	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressi	
BYPWM210	1/5/2016 11:34	73.5	19.4	0	7.1	0.04	953
BYPWM210	1/5/2016 11:36	74	19.4	0	6.6	-1.82	953
BYPWM210	1/20/2016 9:31	44.5	18.5	0.3	36.7	-0.3	988
BYPWM210	1/20/2016 9:33	44.6	18.4	0.1	36.9	-1.91	988
BYPWM210	2/4/2016 9:33	23.3	18	0.4	58.3	-4.26	994
BYPWM210	2/11/2016 9:23	55.6	19.2	0.2	25	0.35	973
BYPWM210	2/11/2016 9:27	58.7	18.9	0.1	22.3	-0.76	973
BYPWM210	3/1/2016 14:09	75.9	17.9	0	6.2	-0.27	975
BYPWM210	3/1/2016 14:10	75.7	18	0	6.3	-0.54	975
BYPWM210	3/23/2016 9:00	38.7	18.1	0.2	43	-1.07	986
BYPWM210	4/7/2016 9:00	5.4	2.8	19.3	72.5	-0.2	971
BYPWM210	4/29/2016 8:40	62.9	18.1	0.1	18.9	-2.37	979
BYPWM210	6/6/2016 8:21	72.6	16.9	0.1	10.4	0.15	990
BYPWM210	6/6/2016 8:23	71.9	17.2	0	10.9	-0.54	990
BYPWM210	7/8/2016 9:02	48.4	17.5	0.1	34	-1.01	984
BYPWM210	7/19/2016 8:40	50.4	17.8	0	31.8	-0.81	986
BYPWM210	8/5/2016 8:36	64	17.8	0.2	18	-0.19	989
BYPWM210	8/5/2016 8:38	70.5	17.9	0.2	11.4	-1.88	989
BYPWM210	9/13/2016 8:34	44.6	18.3	0.1	37	-1.02	980
BYPWM210	10/4/2016 9:01	39.6	18.1	0	42.3	-1.04	997
BYPWM210	11/4/2016 9:23	54.5	17.9	0.2	27.4	-0.55	980
BYPWM210	12/2/2016 8:57	51	16.8	0	32.2	-0.72	997
Count		22	22	22	22	22	22
Max		75.9	19.4	19.3	72.5	0.35	997
Min		5.4	2.8	0	6.2	-4.26	953
Ave		54.55909	17.40455	0.981818	27.05455	-0.941818	981.3636

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0		0 LOW	7.1	3.79	92.9	0
<NO VALU -		0		0 LOW	6.6	3.81	93.4	5
<NO VALU <NO VALU		0		0 LOW	35.57	2.41	63	0
<NO VALU <NO VALU		0		0 LOW	36.52	2.42	63	5
<NO VALU <NO VALU		0		0 LOW	56.8	1.29	41.3	5
<NO VALU <NO VALU		0		0 LOW	24.25	2.9	74.8	0
<NO VALU <NO VALU		0		0 LOW	21.92	3.11	77.6	5
<NO VALU <NO VALU		0		0 LOW	6.2	4.24	93.8	5
<NO VALU <NO VALU		0		0 LOW	6.3	4.21	93.7	10
<NO VALU <NO VALU		0		0 LOW	42.25	2.14	56.8	10
<NO VALU <NO VALU		0		0 LOW	0	1.93	8.2	10
<NO VALU <NO VALU		0		0 LOW	18.52	3.48	81	5
<NO VALU <NO VALU		0		0 LOW	10.02	4.3	89.5	0
<NO VALU <NO VALU		0		0 LOW	10.9	4.18	89.1	5
<NO VALU <NO VALU		0		1 LOW	33.62	2.77	65.9	5
<NO VALU <NO VALU		2		6 LOW	31.8	2.83	68.2	5
<NO VALU <NO VALU		4		3 LOW	17.25	3.6	81.8	0
<NO VALU <NO VALU		4		2 LOW	10.65	3.94	88.4	5
<NO VALU <NO VALU		0		4 LOW	36.62	2.44	62.9	5
<NO VALU <NO VALU		0		13 LOW	42.3	2.19	57.7	5
<NO VALU <NO VALU		0		1 LOW	26.65	3.04	72.4	5
<NO VALU <NO VALU		1		1 LOW	32.2	3.04	67.8	5
0	0	22	22	0	22	22	22	22
0	0	4	13	0	56.8	4.3	93.8	10
0	0	0	0	0	0	1.29	8.2	0
#DIV/0!	#DIV/0!	0.5	1.409091	#DIV/0!	23.36545	3.093636	71.96364	4.545455

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
0 3. Low CH ₄		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
10 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
10 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
0 2. Rebalan		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
5 1. OK		<NO VALU	<NO VALU	300781.7	204797.3
22	0	0	0		
10	0	0	0		
0	0	0	0		
5	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPWM211	1/5/2016 11:40	14.1	14.1	7.3	64.5	-1.67	953
BYPWM211	2/4/2016 9:31	14.8	14.9	6.6	63.7	-1.65	994
BYPWM211	2/11/2016 9:18	4.4	4.8	16.7	74.1	0.02	973
BYPWM211	3/1/2016 14:07	19.4	17.9	1.7	61	0.8	975
BYPWM211	3/23/2016 8:57	3.8	2.7	19.4	74.1	-0.71	986
BYPWM211	4/7/2016 8:56	0.6	2.7	20.6	76.1	-0.48	971
BYPWM211	5/6/2016 8:52	0.5	0.3	20.9	78.3	0.05	981
BYPWM211	6/6/2016 8:27	0.4	1.8	20	77.8	-0.11	990
BYPWM211	7/8/2016 9:05	0.7	0.4	20.7	78.2	-0.33	984
BYPWM211	8/5/2016 8:32	0.7	0.6	20.1	78.6	-0.8	989
BYPWM211	9/13/2016 8:32	2.4	2.1	18.8	76.7	-0.74	980
BYPWM211	10/4/2016 9:03	2.1	2.2	18.5	77.2	0.01	997
BYPWM211	11/4/2016 9:20	1	0.9	20.4	77.7	-0.17	980
BYPWM211	12/2/2016 8:53	0.8	0.8	19.7	78.7	0.04	997
	Count	14	14	14	14	14	14
	Max	19.4	17.9	20.9	78.7	0.8	997
	Min	0.4	0.3	1.7	61	-1.67	953
	Ave	4.692857	4.728571	16.52857	74.05	-0.41	982.1429
	>3% O2			13			
	% > 3% O2			92.85714			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0		0 LOW	37.05	1	28.2	0
<NO VALU <NO VALU		0		0 LOW	38.88	0.99	29.7	0
<NO VALU <NO VALU		0		0 LOW	11.31	0.92	9.2	0
<NO VALU <NO VALU		1		0 LOW	54.61	1.08	37.3	0
<NO VALU <NO VALU		0		0 LOW	1.16	1.41	6.5	0
<NO VALU <NO VALU		0		0 LOW	0	0.22	3.3	0
<NO VALU <NO VALU		0		0 LOW	0	1.67	0.8	0
<NO VALU <NO VALU		0		0 LOW	2.6	0.22	2.2	0
<NO VALU <NO VALU		0		0 LOW	0.37	1.75	1.1	0
<NO VALU <NO VALU		4		2 LOW	3.02	1.17	1.3	0
<NO VALU <NO VALU		0		0 LOW	6.01	1.14	4.5	0
<NO VALU <NO VALU		0		3 LOW	7.64	0.95	4.3	0
<NO VALU <NO VALU		0		0 LOW	1	1.11	1.9	0
<NO VALU <NO VALU		0		0 LOW	4.63	1	1.6	0
0	0	14	14	0	14	14	14	14
0	0	4	3	0	54.61	1.75	37.3	0
0	0	0	0	0	0	0.22	0.8	0
#DIV/0!	#DIV/0!	0.357143	0.357143	#DIV/0!	12.02	1.045	9.421429	0

Comment	X GPS	Y GPS	CH4 + CO2 (%)
0 3. Low CH ₄ <NO VALU <NO VALU	300825.9	204809.1	
0 3. Low CH ₄ <NO VALU <NO VALU	300825.9	204809.1	
0 3. Low CH ₄ <NO VALU <NO VALU	300825.9	204809.1	
0 3. Low CH ₄ <NO VALU <NO VALU	300825.9	204809.1	
0 3. Low CH ₄ <NO VALU <NO VALU	300825.9	204809.1	
0 3. Investigat <NO VALU <NO VALU	300825.9	204809.1	
0 500. Routir <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 3. Investigat <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	
14	0	0	0
0	0	0	0
0	0	0	0
0	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Macuum (rr Atm Pressu	
BYPWM212	1/5/2016 9:16	42.9	27.5	0	29.6	-2.59	948
BYPWM212	2/4/2016 9:22	34.4	24.8	0	40.8	-6.79	994
BYPWM212	2/11/2016 9:12	63	30.6	0.3	6.1	0.04	973
BYPWM212	2/11/2016 9:14	61.8	31.4	0.1	6.7	-0.26	973
BYPWM212	3/1/2016 14:00	68	31	0	1	0.39	975
BYPWM212	3/1/2016 14:02	67.9	31.2	0	0.9	-0.22	975
BYPWM212	3/23/2016 8:47	60.5	30.5	0	9	-1.65	986
BYPWM212	4/7/2016 8:54	48.2	28.5	0	23.3	-4.13	971
BYPWM212	5/6/2016 8:48	56.2	29.2	0	14.6	-1.46	981
BYPWM212	6/6/2016 8:19	48.7	27.6	0	23.7	-1.96	990
BYPWM212	7/8/2016 8:52	69.9	31.7	0	0	-2.09	984
BYPWM212	7/8/2016 8:53	70	31.7	0	0	-2.56	984
BYPWM212	8/5/2016 8:29	58.6	29.8	0.1	11.5	-2.54	989
BYPWM212	9/13/2016 8:27	50.4	28.3	0	21.3	-2.48	980
BYPWM212	10/4/2016 8:58	54.7	29.8	0.1	15.4	-1.99	997
BYPWM212	11/4/2016 9:18	46.8	28.2	0.1	24.9	-1.93	980
BYPWM212	12/2/2016 8:52	50.6	27.8	0	21.6	-1.51	997
	Count	17	17	17	17	17	17
	Max	70	31.7	0.3	40.8	0.39	997
	Min	34.4	24.8	0	0	-6.79	948
	Ave	56.03529	29.38824	0.041176	14.72941	-1.984118	981

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart val
<NO VALU -		0	0	LOW	29.6	1.56	70.4	5
<NO VALU <NO VALU		0	0	LOW	40.8	1.39	59.2	10
<NO VALU <NO VALU		0	0	LOW	4.97	2.06	93.6	0
<NO VALU <NO VALU		0	0	LOW	6.32	1.97	93.2	5
<NO VALU <NO VALU		0	0	LOW	1	2.19	99	5
<NO VALU <NO VALU		0	0	LOW	0.9	2.18	99.1	10
<NO VALU <NO VALU		0	0	LOW	9	1.98	91	10
<NO VALU <NO VALU		0	0	LOW	23.3	1.69	76.7	10
<NO VALU <NO VALU		2	36	LOW	14.6	1.92	85.4	10
<NO VALU <NO VALU		0	0	LOW	23.7	1.76	76.3	10
<NO VALU <NO VALU		2	34	LOW	0	2.21	101.6	10
<NO VALU <NO VALU		2	35	LOW	0	2.21	101.7	15
<NO VALU <NO VALU		4	44	LOW	11.12	1.97	88.4	10
<NO VALU <NO VALU		0	24	LOW	21.3	1.78	78.7	10
<NO VALU <NO VALU		0	38	LOW	15.02	1.84	84.5	10
<NO VALU <NO VALU		0	15	LOW	24.52	1.66	75	10
<NO VALU <NO VALU		2	6	LOW	21.6	1.82	78.4	10
0	0	17	17	0	17	17	17	17
0	0	4	44	0	40.8	2.21	101.7	15
0	0	0	0	0	0	1.39	59.2	0
#DIV/0!	#DIV/0!	0.705882	13.64706	#DIV/0!	14.57353	1.893529	85.42353	8.823529

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 1. OK		<NO VALU	<NO VALU	300861.8	204828.1
0 3. Low CH ₄		<NO VALU	<NO VALU	300861.8	204828.1
5 1. OK		<NO VALU	<NO VALU	300861.8	204828.1
5 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
10 500. Routir		<NO VALU	<NO VALU	300861.8	204828.1
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
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
17	0	0	0		
15	0	0	0		
0	0	0	0		
9.117647	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (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 (rr Atm Press)	
BYPW0002	1/5/2016 10:21	71.8	28.8	0	0	0.02	950
BYPW0002	1/5/2016 10:24	71.6	28.8	0	0	-2.27	950
BYPW0002	2/4/2016 9:48	37	24.8	0	38.2	-8.82	994
BYPW0002	2/24/2016 9:03	72.7	27.9	0.1	0	0.12	987
BYPW0002	2/24/2016 9:06	72.5	28	0	0	-0.43	985
BYPW0002	3/1/2016 14:34	51.8	25.4	0	22.8	-2.5	972
BYPW0002	4/12/2016 8:32	48.3	25.7	0.2	25.8	-1.11	969
BYPW0002	5/6/2016 9:21	37.3	24.2	0	38.5	-2.06	978
BYPW0002	5/20/2016 9:42	72.8	26.7	0	0.5	-0.09	981
BYPW0002	5/20/2016 9:44	72.4	27.1	0	0.5	-1.81	981
BYPW0002	6/6/2016 8:56	66.7	26	0	7.3	-0.25	988
BYPW0002	6/6/2016 8:58	66.3	26.3	0	7.4	-1.74	987
BYPW0002	8/1/2016 13:12	37.7	24.4	0	37.9	-7.49	983
BYPW0002	8/19/2016 8:10	73.2	27.9	0.1	0	-0.12	972
BYPW0002	8/19/2016 8:12	73.6	27.4	0.1	0	-1.86	972
BYPW0002	9/13/2016 8:54	51	25.8	0.1	23.1	-4.86	977
BYPW0002	10/4/2016 9:20	44.4	24.9	0	30.7	-3.49	994
BYPW0002	11/4/2016 9:50	40.6	25.7	0	33.7	-3.78	977
BYPW0002	12/2/2016 9:27	71.9	25.5	0.1	2.5	-0.28	994
BYPW0002	12/2/2016 9:29	72.3	25.2	0.1	2.4	-1.07	994
Count		20	20	20	20	20	20
Max		73.6	28.8	0.2	38.5	0.12	994
Min		37	24.2	0	0	-8.82	950
Ave		60.295	26.325	0.04	13.565	-2.1945	979.25

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	0	2.49	100.6	0
<NO VALU -		0	0	LOW	0	2.49	100.4	5
<NO VALU <NO VALU		0	0	LOW	38.2	1.49	61.8	5
<NO VALU <NO VALU		0	0	LOW	0	2.61	100.6	0
<NO VALU <NO VALU		0	0	LOW	0	2.59	100.5	5
<NO VALU <NO VALU		0	0	LOW	22.8	2.04	77.2	5
<NO VALU <NO VALU		0	0	LOW	25.05	1.88	74	5
<NO VALU <NO VALU		2	8	LOW	38.5	1.54	61.5	5
<NO VALU <NO VALU		0	0	LOW	0.5	2.73	99.5	0
<NO VALU <NO VALU		0	0	LOW	0.5	2.67	99.5	5
<NO VALU <NO VALU		0	0	LOW	7.3	2.57	92.7	0
<NO VALU <NO VALU		0	0	LOW	7.4	2.52	92.6	5
<NO VALU <NO VALU		3	5	LOW	37.9	1.55	62.1	5
<NO VALU <NO VALU		0	11	LOW	0	2.62	101.1	1
<NO VALU <NO VALU		0	9	LOW	0	2.69	101	5
<NO VALU <NO VALU		0	6	LOW	22.72	1.98	76.8	5
<NO VALU <NO VALU		0	16	LOW	30.7	1.78	69.3	5
<NO VALU <NO VALU		0	6	LOW	33.7	1.58	66.3	5
<NO VALU <NO VALU		1	2	LOW	2.12	2.82	97.4	1
<NO VALU <NO VALU		1	2	LOW	2.02	2.87	97.5	5
0	0	20	20	0	20	20	20	20
0	0	3	16	0	38.5	2.87	101.1	5
0	0	0	0	0	0	1.49	61.5	0
#DIV/0!	#DIV/0!	0.35	3.25	#DIV/0!	13.4705	2.2755	86.62	3.6

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
0 3. Low CH4	<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
5 2. Rebalan	<NO VALU	<NO VALU	300848.9	204740
0 500. Routir	<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
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
5 2. Rebalan	<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
20	0	0	0	
5	0	0	0	
0	0	0	0	
4.1	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (r
BYPW0003	1/5/2016 9:19	69	22.7	0.1	8.2	-1.78
BYPW0003	1/5/2016 9:21	70	23.5	0	6.5	-3.66
BYPW0003	2/4/2016 10:17	40.5	25.2	0	34.3	-4.91
BYPW0003	3/10/2016 8:46	49	26.6	0.3	24.1	-6.36
BYPW0003	4/7/2016 11:34	49.1	27.1	0.7	23.1	-2.59
BYPW0003	4/12/2016 8:40	50.2	27.2	0.3	22.3	-2.19
BYPW0003	5/6/2016 9:26	40.4	26.1	0.1	33.4	-3.09
BYPW0003	5/20/2016 11:44	60.7	29.6	0	9.7	-1.09
BYPW0003	6/6/2016 9:03	57.6	28.1	0.1	14.2	-1.54
BYPW0003	7/8/2016 9:27	59.7	29.8	0	10.5	-1.45
BYPW0003	8/1/2016 12:32	46.6	28.4	0	25	-4.98
BYPW0003	9/13/2016 8:58	58	30.8	0.6	10.6	-0.95
BYPW0003	9/13/2016 9:00	61.3	32.3	0.1	6.3	-4.41
BYPW0003	10/4/2016 9:25	47.5	28.1	0.1	24.3	-4.79
BYPW0003	11/4/2016 10:08	36.7	26.2	0.1	37	-5.61
BYPW0003	12/2/2016 9:34	61.9	28.8	0.1	9.2	-0.99
BYPW0003	12/2/2016 9:36	61.8	28.7	0.1	9.4	-1.88
	Count	17	17	17	17	17
	Max	70	32.3	0.7	37	-0.95
	Min	36.7	22.7	0	6.3	-6.36
	Ave	54.11765	27.6	0.158824	18.12353	-3.074706

Atm Pres	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual	CH4/CO2	Original V
948	<NO VALU-		0	0	LOW	7.82	3.04	91.7
949	<NO VALU-		0	0	LOW	6.5	2.98	93.5
992	<NO VALU<NO VALU		0	0	LOW	34.3	1.61	65.7
985	<NO VALU<NO VALU		0	0	LOW	22.97	1.84	75.6
970	<NO VALU<NO VALU		0	0	LOW	20.47	1.81	76.2
970	<NO VALU<NO VALU		0	0	LOW	21.17	1.85	77.4
978	<NO VALU<NO VALU		2	14	LOW	33.02	1.55	66.5
979	<NO VALU<NO VALU		0	0	LOW	9.7	2.05	90.3
987	<NO VALU<NO VALU		0	0	LOW	13.82	2.05	85.7
981	<NO VALU<NO VALU		0	9	LOW	10.5	2	89.5
983	<NO VALU<NO VALU		3	8	LOW	25	1.64	75
976	<NO VALU<NO VALU		0	0	LOW	8.34	1.88	88.8
976	<NO VALU<NO VALU		0	1	LOW	5.92	1.9	93.6
994	<NO VALU<NO VALU		0	20	LOW	23.92	1.69	75.6
976	<NO VALU<NO VALU		0	7	LOW	36.62	1.4	62.9
994	<NO VALU<NO VALU		2	2	LOW	8.82	2.15	90.7
993	<NO VALU<NO VALU		2	3	LOW	9.02	2.15	90.5
17	0	0	17	17	0	17	17	17
994	0	0	3	20	0	36.62	3.04	93.6
948	0	0	0	0	0	5.92	1.4	62.9
978.2941	#DIV/0!	#DIV/0!	0.529412	3.764706	#DIV/0!	17.52412	1.975882	81.71765

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
0	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	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
5	5	500. Routir	<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	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	10	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
10	10	1. OK	<NO VALU	<NO VALU	300871.9	204770.6
17	17		0	0	0	
10	10		0	0	0	
0	5		0	0	0	
5.882353	6.470588	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Press)	
BYPW0004	1/5/2016 9:26	58.1	36.1	0	5.8	-46.42	949
BYPW0004	2/4/2016 10:23	48.7	29.8	0.3	21.2	-58.63	991
BYPW0004	3/10/2016 8:51	49.7	35.1	0.1	15.1	-59.32	985
BYPW0004	4/7/2016 11:44	50.6	37.2	1.1	11.1	-2.57	970
BYPW0004	4/12/2016 9:06	55.1	35.8	1	8.1	-38.02	969
BYPW0004	5/6/2016 9:30	31.8	28.9	0	39.3	-27.85	977
BYPW0004	5/20/2016 11:46	59.5	39.1	0	1.4	0.36	981
BYPW0004	5/20/2016 11:48	61.3	37	0	1.7	-21.06	981
BYPW0004	6/6/2016 9:07	59.7	31.9	0.1	8.3	-0.4	987
BYPW0004	6/6/2016 9:10	59.2	31.3	0.1	9.4	-7.75	987
BYPW0004	7/8/2016 9:31	50.9	34.9	0	14.2	-11.29	981
BYPW0004	8/1/2016 12:36	42.9	32	0	25.1	-15.67	984
BYPW0004	9/13/2016 9:04	58.1	35.1	0	6.8	-27.45	976
BYPW0004	9/13/2016 9:05	58.5	34.4	0	7.1	-37.28	976
BYPW0004	10/4/2016 9:29	46.9	33.3	0.1	19.7	-26.17	993
BYPW0004	11/4/2016 10:12	32.4	29.7	0.1	37.8	-32.25	976
BYPW0004	12/2/2016 9:40	54.9	28.9	0	16.2	-10.18	993
	Count	17	17	17	17	17	17
	Max	61.3	39.1	1.1	39.3	0.36	993
	Min	31.8	28.9	0	1.4	-59.32	949
	Ave	51.66471	33.55882	0.170588	14.60588	-24.82059	979.7647

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart val
<NO VALU -		0	0	LOW	5.8	1.61	94.2	5
<NO VALU <NO VALU		0	0	LOW	20.07	1.63	78.5	5
<NO VALU <NO VALU		0	0	LOW	14.72	1.42	84.8	5
<NO VALU <NO VALU		0	0	LOW	6.96	1.36	87.8	5
<NO VALU <NO VALU		0	0	LOW	4.34	1.54	90.9	5
<NO VALU <NO VALU		3	51	LOW	39.3	1.1	60.7	5
<NO VALU <NO VALU		1	0	LOW	1.4	1.52	98.6	0
<NO VALU <NO VALU		1	0	LOW	1.7	1.66	98.3	5
<NO VALU <NO VALU		1	0	LOW	7.92	1.87	91.6	0
<NO VALU <NO VALU		1	0	LOW	9.02	1.89	90.5	5
<NO VALU <NO VALU		1	47	LOW	14.2	1.46	85.8	5
<NO VALU <NO VALU		3	27	LOW	25.1	1.34	74.9	5
<NO VALU <NO VALU		0	60	LOW	6.8	1.66	93.2	5
<NO VALU <NO VALU		0	59	LOW	7.1	1.7	92.9	10
<NO VALU <NO VALU		0	67	LOW	19.32	1.41	80.2	10
<NO VALU <NO VALU		0	23	LOW	37.42	1.09	62.1	10
<NO VALU <NO VALU		5	11	LOW	16.2	1.9	83.8	5
0	0	17	17	0	17	17	17	17
0	0	5	67	0	39.3	1.9	98.6	10
0	0	0	0	0	1.4	1.09	60.7	0
#DIV/0!	#DIV/0!	0.941176	20.29412	#DIV/0!	13.96294	1.538824	85.22353	5.294118

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
50 1. OK		<NO VALU	<NO VALU	300894.4 204758.4
5 1. OK		<NO VALU	<NO VALU	300894.4 204758.4
0 500. Routir		<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
10 1. OK		<NO VALU	<NO VALU	300894.4 204758.4
10 1. OK		<NO VALU	<NO VALU	300894.4 204758.4
10 1. OK		<NO VALU	<NO VALU	300894.4 204758.4
5 2. Rebalan		<NO VALU	<NO VALU	300894.4 204758.4
5 1. OK		<NO VALU	<NO VALU	300894.4 204758.4
17	0	0	0	
50	0	0	0	
0	0	0	0	
8.235294	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0005	1/5/2016 9:41	51.4	38.9	0.3	9.4	-13.05	949
BYPW0005	2/4/2016 10:29	23.4	23.2	6.6	46.8	-23.1	991
BYPW0005	2/24/2016 9:38	58.4	41.2	0.3	0.1	6.51	982
BYPW0005	2/24/2016 9:40	57.9	41.5	0.1	0.5	0.23	984
BYPW0005	3/10/2016 9:08	44	36.1	1.3	18.6	-17.12	985
BYPW0005	4/12/2016 9:45	58.7	41.6	0.2	0	-2	970
BYPW0005	4/12/2016 9:47	57.6	42.5	0.2	0	-5.69	970
BYPW0005	5/6/2016 9:32	41.7	35.6	0.1	22.6	-5.73	977
BYPW0005	6/6/2016 9:12	56.2	40.8	0.1	2.9	-2.87	987
BYPW0005	7/8/2016 9:33	47.5	39.4	0	13.1	-2.22	981
BYPW0005	8/1/2016 12:38	43.1	38.1	0	18.8	-5.4	984
BYPW0005	9/13/2016 9:07	55.9	41.9	0	2.2	-3.04	976
BYPW0005	10/4/2016 9:31	49.7	38.7	0.1	11.5	-6.07	993
BYPW0005	11/4/2016 10:14	37.4	34.7	0.3	27.6	-7.34	976
BYPW0005	12/2/2016 9:43	57.3	38.9	0.1	3.7	-1.62	993
	Count	15	15	15	15	15	15
	Max	58.7	42.5	6.6	46.8	6.51	993
	Min	23.4	23.2	0	0	-23.1	949
	Ave	49.34667	38.20667	0.646667	11.85333	-5.900667	979.8667
	>3% O2			1			
	% > 3% O2			6.666667			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart val
<NO VALU -		0	0	LOW	8.27	1.32	90.3	5
<NO VALU <NO VALU		0	0	LOW	21.98	1.01	46.6	5
<NO VALU <NO VALU		0	0	LOW	0	1.42	99.6	0
<NO VALU <NO VALU		1	1	LOW	0.12	1.4	99.4	5
<NO VALU <NO VALU		0	14	LOW	13.71	1.22	80.1	5
<NO VALU <NO VALU		2	8	LOW	0	1.41	100.3	5
<NO VALU <NO VALU		2	2	LOW	0	1.36	100.1	10
<NO VALU <NO VALU		5	103	LOW	22.22	1.17	77.3	10
<NO VALU <NO VALU		2	0	LOW	2.52	1.38	97	10
<NO VALU <NO VALU		3	103	LOW	13.1	1.21	86.9	10
<NO VALU <NO VALU		4	56	LOW	18.8	1.13	81.2	10
<NO VALU <NO VALU		0	131	LOW	2.2	1.33	97.8	10
<NO VALU <NO VALU		0	123	LOW	11.12	1.28	88.4	10
<NO VALU <NO VALU		0	43	LOW	26.47	1.08	72.1	10
<NO VALU <NO VALU		5	24	LOW	3.32	1.47	96.2	5
0	0	15	15	0	15	15	15	15
0	0	5	131	0	26.47	1.47	100.3	10
0	0	0	0	0	0	1.01	46.6	0
#DIV/0!	#DIV/0!	1.6	40.53333	#DIV/0!	9.588667	1.279333	87.55333	7.333333

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 1. OK		<NO VALU	<NO VALU	300902	204726.6
0 3. Low CH ₄		<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
10 1. OK		<NO VALU	<NO VALU	300902	204726.6
10 1. OK		<NO VALU	<NO VALU	300902	204726.6
10 500. Routir		<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
10 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
15	0	0	0		
10	0	0	0		
0	0	0	0		
7.333333	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0006	1/5/2016 9:43	50.6	33.9	0	15.5	-9.3	949
BYPW0006	2/4/2016 10:34	34.5	29.7	0.1	35.7	-12.46	991
BYPW0006	2/24/2016 10:34	59.3	39.7	0.1	0.9	3.17	984
BYPW0006	2/24/2016 10:35	60.1	38.6	0	1.3	-0.5	984
BYPW0006	3/10/2016 9:12	51.4	34.6	0.1	13.9	-8.13	985
BYPW0006	4/12/2016 9:50	54	38.2	0.1	7.7	-3.21	970
BYPW0006	5/6/2016 9:41	42.3	33.9	0	23.8	-4.85	977
BYPW0006	6/6/2016 9:24	55.1	38.7	0.1	6.1	-1.64	987
BYPW0006	7/8/2016 9:42	52	38.2	0	9.8	-2.45	981
BYPW0006	8/1/2016 12:44	46.8	37	0	16.2	-3.91	984
BYPW0006	9/13/2016 9:12	49.8	37.4	0	12.8	-6.87	976
BYPW0006	10/4/2016 9:35	44.8	35.2	0	20	-6.54	993
BYPW0006	11/4/2016 10:22	41.7	34.1	0	24.2	-4.99	976
BYPW0006	12/2/2016 10:00	48.6	33.8	0.1	17.5	-4.13	993
	Count	14	14	14	14	14	14
	Max	60.1	39.7	0.1	35.7	3.17	993
	Min	34.5	29.7	0	0.9	-12.46	949
	Ave	49.35714	35.92857	0.042857	14.67143	-4.700714	980.7143

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart val
<NO VALU -		0	0	LOW	15.5	1.49	84.5	10
<NO VALU <NO VALU		0	0	LOW	35.32	1.16	64.2	10
<NO VALU <NO VALU		0	0	LOW	0.52	1.49	99	5
<NO VALU <NO VALU		0	0	LOW	1.3	1.56	98.7	10
<NO VALU <NO VALU		0	0	LOW	13.52	1.49	86	10
<NO VALU <NO VALU		0	0	LOW	7.32	1.41	92.2	10
<NO VALU <NO VALU		5	41	LOW	23.8	1.25	76.2	10
<NO VALU <NO VALU		0	0	LOW	5.72	1.42	93.8	10
<NO VALU <NO VALU		2	36	LOW	9.8	1.36	90.2	10
<NO VALU <NO VALU		4	21	LOW	16.2	1.26	83.8	10
<NO VALU <NO VALU		0	41	LOW	12.8	1.33	87.2	10
<NO VALU <NO VALU		0	47	LOW	20	1.27	80	10
<NO VALU <NO VALU		0	18	LOW	24.2	1.22	75.8	10
<NO VALU <NO VALU		2	6	LOW	17.12	1.44	82.4	10
0	0	14	14	0	14	14	14	14
0	0	5	47	0	35.32	1.56	99	10
0	0	0	0	0	0.52	1.16	64.2	5
#DIV/0!	#DIV/0!	0.928571	15	#DIV/0!	14.50857	1.367857	85.28571	9.642857

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
10 1. OK		<NO VALU	<NO VALU	300887.7 204707
5 3. Low CH ₄		<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
10 500. Routir		<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
14	0	0	0	
10	0	0	0	
5	0	0	0	
9.642857	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Press)	
BYPW0007	1/5/2016 9:34	49.2	37.7	0.6	12.5	-27.25	949
BYPW0007	1/5/2016 9:39	46.3	37.4	0.8	15.5	-36.63	949
BYPW0007	2/4/2016 10:32	44	34.2	0.3	21.5	-31.19	991
BYPW0007	3/10/2016 9:00	37.1	30.7	3.3	28.9	-28.68	985
BYPW0007	3/15/2016 13:54	59	41	0.2	0	-0.24	995
BYPW0007	3/15/2016 13:56	55.6	39.2	1.1	4.1	-3.55	995
BYPW0007	5/6/2016 9:37	44.2	34.9	1.5	19.4	-11.37	978
BYPW0007	6/6/2016 9:20	53.1	37.8	1	8.1	-2.33	987
BYPW0007	7/8/2016 9:40	48.7	37	1.4	12.9	-5.15	981
BYPW0007	8/1/2016 12:42	44.2	36.2	1	18.6	-15.22	984
BYPW0007	9/13/2016 9:10	52.7	38.7	0.9	7.7	-12.76	976
BYPW0007	10/4/2016 9:33	50.8	38.4	0.4	10.4	-12.3	993
BYPW0007	11/4/2016 10:20	37.2	30.8	3.6	28.4	-12.71	976
BYPW0007	12/2/2016 9:56	51.3	33.7	1.7	13.3	-6.05	993
	Count	14	14	14	14	14	14
	Max	59	41	3.6	28.9	-0.24	995
	Min	37.1	30.7	0.2	0	-36.63	949
	Ave	48.1	36.26429	1.271429	14.37857	-14.67357	980.8571

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		1	1	LOW	10.24	1.31	86.9	10
<NO VALU -		1	0	LOW	12.49	1.24	83.7	50
<NO VALU <NO VALU		0	3	LOW	20.37	1.29	78.2	50
<NO VALU <NO VALU		0	57	LOW	16.49	1.21	67.8	50
<NO VALU <NO VALU		11	1000	LOW	0	1.44	100	10
<NO VALU <NO VALU		10	918	LOW	0	1.42	94.8	20
<NO VALU <NO VALU		7	461	LOW	13.76	1.27	79.1	20
<NO VALU <NO VALU		3	0	LOW	4.34	1.4	90.9	10
<NO VALU <NO VALU		9	364	LOW	7.64	1.32	85.7	10
<NO VALU <NO VALU		7	168	LOW	14.84	1.22	80.4	10
<NO VALU <NO VALU		0	432	LOW	4.32	1.36	91.4	10
<NO VALU <NO VALU		0	428	LOW	8.9	1.32	89.2	10
<NO VALU <NO VALU		3	119	LOW	14.86	1.21	68	10
<NO VALU <NO VALU		6	39	LOW	6.91	1.52	85	5
0	0	14	14	0	14	14	14	14
0	0	11	1000	0	20.37	1.52	100	50
0	0	0	0	0	0	1.21	67.8	5
#DIV/0!	#DIV/0!	4.142857	285	#DIV/0!	9.654286	1.323571	84.36429	19.64286

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
50 1. OK		<NO VALU	<NO VALU	300923.6 204729
50 1. OK		<NO VALU	<NO VALU	300923.6 204729
50 1. OK		<NO VALU	<NO VALU	300923.6 204729
0 3. Low CH ₄		<NO VALU	<NO VALU	300923.6 204729
20 1. OK		<NO VALU	<NO VALU	300923.6 204729
20 1. OK		<NO VALU	<NO VALU	300923.6 204729
10 500. Routir		<NO VALU	<NO VALU	300923.6 204729
10 1. OK		<NO VALU	<NO VALU	300923.6 204729
10 1. OK		<NO VALU	<NO VALU	300923.6 204729
10 1. OK		<NO VALU	<NO VALU	300923.6 204729
10 1. OK		<NO VALU	<NO VALU	300923.6 204729
10 1. OK		<NO VALU	<NO VALU	300923.6 204729
5 2. Rebalan		<NO VALU	<NO VALU	300923.6 204729
5 1. OK		<NO VALU	<NO VALU	300923.6 204729
14	0	0	0	
50	0	0	0	
0	0	0	0	
18.57143	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPW0008	1/5/2016 9:46	48.9	38.1	0	13	-9.8	949
BYPW0008	2/4/2016 10:36	21.9	24.8	0.1	53.2	-24.54	991
BYPW0008	2/24/2016 10:29	60.7	37.8	0.1	1.4	0.73	985
BYPW0008	2/24/2016 10:31	60.5	37.9	0	1.6	-1.74	984
BYPW0008	3/10/2016 9:14	45.7	35.1	0.1	19.1	-8.86	985
BYPW0008	4/12/2016 9:52	56.5	33.3	0.1	10.1	-2.22	970
BYPW0008	5/6/2016 9:46	35.4	30.1	0	34.5	-2.36	978
BYPW0008	5/20/2016 11:51	59.2	36.9	0	3.9	-0.13	981
BYPW0008	5/20/2016 11:53	59.4	35.9	0	4.7	-1.02	981
BYPW0008	6/6/2016 9:26	56.4	40.9	0	2.7	0.17	987
BYPW0008	6/6/2016 9:28	56.1	41	0	2.9	-0.65	988
BYPW0008	7/8/2016 9:44	48.1	37	0	14.9	-1.49	981
BYPW0008	8/1/2016 12:46	46.9	35.3	0	17.8	-3.34	984
BYPW0008	9/13/2016 9:14	49.3	36.8	0	13.9	-4.44	976
BYPW0008	10/4/2016 9:38	41.9	33	0	25.1	-4.47	994
BYPW0008	11/4/2016 10:25	40.5	33.6	0	25.9	-3.31	976
BYPW0008	12/2/2016 10:02	53.4	34.2	0.1	12.3	-1.3	993
Count		17	17	17	17	17	17
Max		60.7	41	0.1	53.2	0.73	994
Min		21.9	24.8	0	1.4	-24.54	949
Ave		49.45882	35.39412	0.029412	15.11765	-4.045294	981.3529

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	13	1.28	87	5
<NO VALU <NO VALU		0	0	LOW	52.82	0.88	46.7	5
<NO VALU <NO VALU		0	0	LOW	1.02	1.61	98.5	0
<NO VALU <NO VALU		0	0	LOW	1.6	1.6	98.4	5
<NO VALU <NO VALU		0	1	LOW	18.72	1.3	80.8	5
<NO VALU <NO VALU		0	0	LOW	9.72	1.7	89.8	5
<NO VALU <NO VALU		6	72	LOW	34.5	1.18	65.5	5
<NO VALU <NO VALU		1	2	LOW	3.9	1.6	96.1	0
<NO VALU <NO VALU		1	1	LOW	4.7	1.65	95.3	5
<NO VALU <NO VALU		2	0	LOW	2.7	1.38	97.3	0
<NO VALU <NO VALU		2	1	LOW	2.9	1.37	97.1	5
<NO VALU <NO VALU		4	417	LOW	14.9	1.3	85.1	5
<NO VALU <NO VALU		4	233	LOW	17.8	1.33	82.2	5
<NO VALU <NO VALU		0	Off upper s	LOW	13.9	1.34	86.1	5
<NO VALU <NO VALU		0	435	LOW	25.1	1.27	74.9	5
<NO VALU <NO VALU		1	165	LOW	25.9	1.21	74.1	5
<NO VALU <NO VALU		3	40	LOW	11.92	1.56	87.6	1
0	0	17	16	0	17	17	17	17
0	0	6	435	0	52.82	1.7	98.5	5
0	0	0	0	0	1.02	0.88	46.7	0
#DIV/0!	#DIV/0!	1.411765	85.4375	#DIV/0!	15.00588	1.385882	84.85294	3.882353

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 1. OK		<NO VALU	<NO VALU	300926	204699.1
0 3. Low CH ₄		<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
5 1. OK		<NO VALU	<NO VALU	300926	204699.1
0 500. Routir		<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
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
5 1. OK		<NO VALU	<NO VALU	300926	204699.1
5 1. OK		<NO VALU	<NO VALU	300926	204699.1
1 2. Rebalan		<NO VALU	<NO VALU	300926	204699.1
1 1. OK		<NO VALU	<NO VALU	300926	204699.1
17	0	0	0		
5	0	0	0		
0	0	0	0		
3.941176	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Gr
BYPW0009	1/5/2016 9:48	52.4	37.1	0	10.5
BYPW0009	1/5/2016 9:50	52.1	37.7	0	10.2
BYPW0009	2/4/2016 10:44	36.2	32.6	0	31.2
BYPW0009	2/24/2016 10:23	59.1	37.7	0.1	3.1
BYPW0009	2/24/2016 10:26	58.8	38.1	0	3.1
BYPW0009	3/10/2016 9:16	56.7	38	0	5.3
BYPW0009	3/10/2016 9:19	56.7	37.8	0	5.5
BYPW0009	4/12/2016 9:57	58.8	40.3	0.2	0.7
BYPW0009	5/6/2016 9:49	45.5	35.2	0	19.3
BYPW0009	6/6/2016 9:31	55.2	38	0	6.8
BYPW0009	7/8/2016 9:47	53.3	38.7	0	8
BYPW0009	8/1/2016 12:49	48.7	37.4	0	13.9
BYPW0009	9/13/2016 9:17	54.4	39.3	0.1	6.2
BYPW0009	9/13/2016 9:19	54.4	39.4	0	6.2
BYPW0009	10/4/2016 9:40	47.1	37.1	0.1	15.7
BYPW0009	11/4/2016 10:28	44.1	35.6	0	20.3
BYPW0009	12/2/2016 10:05	45.9	33	0.1	21
	Count	17	17	17	17
	Max	59.1	40.3	0.2	31.2
	Min	36.2	32.6	0	0.7
	Ave	51.72941	37.23529	0.035294	11

Vacuum (rr	Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r
-10.54	950	<NO VALU	-	0	0	LOW	10.5	1.41
-11.71	950	<NO VALU	-	0	0	LOW	10.2	1.38
-15.81	992	<NO VALU	<NO VALU	0	0	LOW	31.2	1.11
0.62	983	<NO VALU	<NO VALU	0	0	LOW	2.72	1.57
-0.32	985	<NO VALU	<NO VALU	0	0	LOW	3.1	1.54
-8.57	986	<NO VALU	<NO VALU	0	0	LOW	5.3	1.49
-10.15	986	<NO VALU	<NO VALU	0	1	LOW	5.5	1.5
-7.27	971	<NO VALU	<NO VALU	0	0	LOW	0	1.46
-8.01	978	<NO VALU	<NO VALU	5	32	LOW	19.3	1.29
-3.19	988	<NO VALU	<NO VALU	2	0	LOW	6.8	1.45
-3.69	981	<NO VALU	<NO VALU	2	28	LOW	8	1.38
-5.52	985	<NO VALU	<NO VALU	4	18	LOW	13.9	1.3
-7.2	977	<NO VALU	<NO VALU	0	35	LOW	5.82	1.38
-8.63	977	<NO VALU	<NO VALU	0	34	LOW	6.2	1.38
-6.59	994	<NO VALU	<NO VALU	0	41	LOW	15.32	1.27
-6.96	977	<NO VALU	<NO VALU	0	16	LOW	20.3	1.24
-5.6	994	<NO VALU	<NO VALU	3	5	LOW	20.62	1.39
17	17	0	0	17	17	0	17	17
0.62	994	0	0	5	41	0	31.2	1.57
-15.81	950	0	0	0	0	0	0	1.11
-7.008235	979.6471	#DIV/0!	#DIV/0!	0.941176	12.35294	#DIV/0!	10.86941	1.384706

Original Va	Depart valv	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
89.5	30	40 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
89.8	40	40 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
68.8	40	20 3. Low CH-	<NO VALU	<NO VALU	300908.7	204664.2	
96.8	20	30 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
96.9	30	30 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
94.7	30	40 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
94.5	40	40 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
99.1	40	40 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
80.7	40	40 500. Routir	<NO VALU	<NO VALU	300908.7	204664.2	
93.2	40	40 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
92	40	40 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
86.1	40	40 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
93.7	40	50 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
93.8	50	50 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
84.2	50	50 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
79.7	50	50 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
78.9	50	40 1. OK	<NO VALU	<NO VALU	300908.7	204664.2	
17	17	17	0	0	0		
99.1	50	50	0	0	0		
68.8	20	20	0	0	0		
88.96471	39.41176	40 #DIV/0!	#DIV/0!	#DIV/0!			

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr	Atm Pressu
BYPW0011	1/5/2016 9:23	50.6	37	0	12.4	-15.31	949
BYPW0011	2/4/2016 10:20	41.7	32.7	0.8	24.8	-17.3	991
BYPW0011	4/7/2016 11:36	46.9	36.8	0.1	16.2	-3.13	970
BYPW0011	4/12/2016 8:43	50.8	37.4	0.5	11.3	-9.64	969
BYPW0011	5/6/2016 9:28	44.3	35.1	0.4	20.2	-7.55	977
BYPW0011	6/6/2016 9:05	55.5	38.8	0	5.7	-3.37	987
BYPW0011	7/8/2016 9:29	48.7	37.9	0	13.4	-4.2	981
BYPW0011	8/1/2016 12:34	45.6	37.4	0.2	16.8	-5.83	984
BYPW0011	9/13/2016 9:02	51.2	39.7	0	9.1	-6.05	976
BYPW0011	10/4/2016 9:27	53.8	39.7	0	6.5	-5.28	993
BYPW0011	11/4/2016 10:10	43.8	35.7	0.7	19.8	-8.74	976
BYPW0011	12/2/2016 9:38	56.1	36.5	0.1	7.3	-5.28	993
Count		12	12	12	12	12	12
Max		56.1	39.7	0.8	24.8	-3.13	993
Min		41.7	32.7	0	5.7	-17.3	949
Ave		49.08333	37.05833	0.233333	13.625	-7.64	978.8333

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0		0 LOW	12.4	1.37	87.6	10
<NO VALU <NO VALU		0		0 LOW	21.79	1.28	74.4	10
<NO VALU <NO VALU		0		0 LOW	15.82	1.27	83.7	5
<NO VALU <NO VALU		0		0 LOW	9.42	1.36	88.2	10
<NO VALU <NO VALU		5		95 LOW	18.7	1.26	79.4	5
<NO VALU <NO VALU		1		0 LOW	5.7	1.43	94.3	5
<NO VALU <NO VALU		2		130 LOW	13.4	1.28	86.6	5
<NO VALU <NO VALU		4		51 LOW	16.05	1.22	83	5
<NO VALU <NO VALU		0		212 LOW	9.1	1.29	90.9	5
<NO VALU <NO VALU		0		252 LOW	6.5	1.36	93.5	10
<NO VALU <NO VALU		0		43 LOW	17.17	1.23	79.5	10
<NO VALU <NO VALU		5		31 LOW	6.92	1.54	92.6	10
0	0	12		12	0	12	12	12
0	0	5		252	0	21.79	1.54	94.3
0	0	0		0	0	5.7	1.22	74.4
#DIV/0!	#DIV/0!	1.416667	67.83333	#DIV/0!	12.7475	1.324167	86.14167	7.5

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
10 1. OK		<NO VALU	<NO VALU	300884.3	204795.7
5 1. OK		<NO VALU	<NO VALU	300884.3	204795.7
5 1. OK		<NO VALU	<NO VALU	300884.3	204795.7
10 11. Valve a		<NO VALU	<NO VALU	300884.3	204795.7
5 500. Routir		<NO VALU	<NO VALU	300884.3	204795.7
5 1. OK		<NO VALU	<NO VALU	300884.3	204795.7
5 1. OK		<NO VALU	<NO VALU	300884.3	204795.7
5 1. OK		<NO VALU	<NO VALU	300884.3	204795.7
5 1. OK		<NO VALU	<NO VALU	300884.3	204795.7
10 1. OK		<NO VALU	<NO VALU	300884.3	204795.7
10 1. OK		<NO VALU	<NO VALU	300884.3	204795.7
10 1. OK		<NO VALU	<NO VALU	300884.3	204795.7
12	0	0	0		
10	0	0	0		
5	0	0	0		
7.083333	#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	1/5/2016 8:38	45.6	27.8	0	26.6	-2.34	947
BYPW0501	2/4/2016 8:33	32.5	24.4	0.3	42.8	-2.61	989
BYPW0501	3/1/2016 12:54	52.2	26.4	0.1	21.3	1.07	971
BYPW0501	3/1/2016 12:55	52	26.7	0	21.3	0.04	971
BYPW0501	4/7/2016 9:35	51.7	27.4	0.1	20.8	-0.29	967
BYPW0501	5/6/2016 11:47	51.7	26.7	0.1	21.5	-1.09	975
BYPW0501	6/7/2016 13:59	40.3	24.8	0.1	34.8	-1.14	988
BYPW0501	7/8/2016 13:01	56.5	28.4	0	15.1	-0.38	981
BYPW0501	8/1/2016 8:27	55.2	28.2	0	16.6	-1.02	983
BYPW0501	9/13/2016 10:17	59.3	30.8	0	9.9	-0.34	975
BYPW0501	9/13/2016 10:19	58.7	31	0	10.3	-1.75	975
BYPW0501	10/4/2016 10:32	45.4	30.6	0.1	23.9	-1.63	992
BYPW0501	11/4/2016 7:56	42.6	29.7	0.1	27.6	-1.03	975
BYPW0501	11/18/2016 12:31	33.3	26.4	0.1	40.2	-0.7	959
BYPW0501	12/8/2016 9:13	51.3	27.3	0.1	21.3	-0.7	986
Count		15	15	15	15	15	15
Max		59.3	31	0.3	42.8	1.07	992
Min		32.5	24.4	0	9.9	-2.61	947
Ave		48.55333	27.77333	0.073333	23.6	-0.927333	975.6

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	26.6	1.64	73.4	5
<NO VALU <NO VALU		0	0	LOW	41.67	1.33	56.9	1
<NO VALU <NO VALU		0	0	LOW	20.92	1.98	78.6	5
<NO VALU <NO VALU		0	0	LOW	21.3	1.95	78.7	10
<NO VALU <NO VALU		0	0	LOW	20.42	1.89	79.1	5
<NO VALU <NO VALU		6	10	LOW	21.12	1.94	78.4	5
<NO VALU <NO VALU		1	0	LOW	34.42	1.63	65.1	5
<NO VALU <NO VALU		2	16	LOW	15.1	1.99	84.9	1
<NO VALU <NO VALU		0	12	LOW	16.6	1.96	83.4	1
<NO VALU <NO VALU		0	16	LOW	9.9	1.93	90.1	1
<NO VALU <NO VALU		0	18	LOW	10.3	1.89	89.7	5
<NO VALU <NO VALU		0	25	LOW	23.52	1.48	76	5
<NO VALU <NO VALU		0	3	LOW	27.22	1.43	72.3	5
<NO VALU <NO VALU		3	9	LOW	39.82	1.26	59.7	5
<NO VALU <NO VALU		0	0	LOW	20.92	1.88	78.6	5
0	0	15	15	0	15	15	15	15
0	0	6	25	0	41.67	1.99	90.1	10
0	0	0	0	0	9.9	1.26	56.9	1
#DIV/0!	#DIV/0!	0.8	7.266667	#DIV/0!	23.322	1.745333	76.32667	4.266667

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 1. OK		<NO VALU	<NO VALU	300889.9	205091.8
0 3. Low CH ₄		<NO VALU	<NO VALU	300889.9	205091.8
10 1. OK		<NO VALU	<NO VALU	300889.9	205091.8
10 1. OK		<NO VALU	<NO VALU	300889.9	205091.8
5 1. OK		<NO VALU	<NO VALU	300889.9	205091.8
5 500. Routir		<NO VALU	<NO VALU	300889.9	205091.8
1 2. Rebalan		<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
1 2. Rebalan		<NO VALU	<NO VALU	300889.9	205091.8
5 1. OK		<NO VALU	<NO VALU	300889.9	205091.8
15	0	0	0		
10	0	0	0		
0	0	0	0		
4.266667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Press)	
BYPW0502	1/5/2016 8:40	50.2	27	0.1	22.7	-2.84	947
BYPW0502	2/4/2016 8:35	41	24.1	0.3	34.6	-6.75	989
BYPW0502	3/1/2016 12:58	67.3	29.1	0.1	3.5	2.08	971
BYPW0502	3/1/2016 13:00	66.6	29.3	0	4.1	-0.33	970
BYPW0502	4/7/2016 9:37	43.5	26.3	0.2	30	-1.73	967
BYPW0502	5/6/2016 11:50	54.5	26.4	0.1	19	-1.43	975
BYPW0502	6/7/2016 14:03	48.3	24.4	0.1	27.2	-4.82	988
BYPW0502	7/8/2016 12:59	43.5	23.3	1.9	31.3	-2.04	981
BYPW0502	8/1/2016 8:31	55.5	25.5	1	18	-1.39	983
BYPW0502	8/1/2016 8:33	54.6	25.1	1.2	19.1	-2.12	983
BYPW0502	9/13/2016 10:24	47	24.9	1.1	27	-6.48	975
BYPW0502	9/13/2016 10:26	47.1	24.8	1.2	26.9	-6.83	975
BYPW0502	10/4/2016 10:36	43.7	25	1.1	30.2	-10.77	992
BYPW0502	11/4/2016 8:02	42.4	24.5	2.1	31	-4.63	975
BYPW0502	11/18/2016 12:37	57.2	26.1	1.6	15.1	-1.04	959
BYPW0502	12/8/2016 9:17	43.8	22.6	1.3	32.3	-4.12	986
	Count	16	16	16	16	16	16
	Max	67.3	29.3	2.1	34.6	2.08	992
	Min	41	22.6	0	3.5	-10.77	947
	Ave	50.3875	25.525	0.8375	23.25	-3.4525	976
	>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 -		0		0 LOW	22.32	1.86	77.2	10
<NO VALU <NO VALU		0		0 LOW	33.47	1.7	65.1	5
<NO VALU <NO VALU		0		0 LOW	3.12	2.31	96.4	5
<NO VALU <NO VALU		0		0 LOW	4.1	2.27	95.9	10
<NO VALU <NO VALU		0		0 LOW	29.25	1.65	69.8	10
<NO VALU <NO VALU		6		25 LOW	18.62	2.06	80.9	10
<NO VALU <NO VALU		1		0 LOW	26.82	1.98	72.7	10
<NO VALU <NO VALU		3		7 LOW	24.16	1.87	66.8	10
<NO VALU <NO VALU		0		11 LOW	14.24	2.18	81	5
<NO VALU <NO VALU		0		11 LOW	14.59	2.18	79.7	10
<NO VALU <NO VALU		0		16 LOW	22.86	1.89	71.9	10
<NO VALU <NO VALU		0		15 LOW	22.39	1.9	71.9	100
<NO VALU <NO VALU		0		19 LOW	26.06	1.75	68.7	100
<NO VALU <NO VALU		0		7 LOW	23.1	1.73	66.9	50
<NO VALU <NO VALU		5		0 LOW	9.08	2.19	83.3	30
<NO VALU <NO VALU		1		0 LOW	27.41	1.94	66.4	30
0	0	16	16	0	16	16	16	16
0	0	6	25	0	33.47	2.31	96.4	100
0	0	0	0	0	3.12	1.65	65.1	5
#DIV/0!	#DIV/0!	1	6.9375	#DIV/0!	20.09938	1.96625	75.9125	25.3125

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
10 1. OK		<NO VALU	<NO VALU	300888	205042.1
5 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
10 1. OK		<NO VALU	<NO VALU	300888	205042.1
10 500. Routir		<NO VALU	<NO VALU	300888	205042.1
10 1. OK		<NO VALU	<NO VALU	300888	205042.1
5 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
100 1. OK		<NO VALU	<NO VALU	300888	205042.1
100 1. OK		<NO VALU	<NO VALU	300888	205042.1
50 2. Rebalan		<NO VALU	<NO VALU	300888	205042.1
30 1. OK		<NO VALU	<NO VALU	300888	205042.1
30 1. OK		<NO VALU	<NO VALU	300888	205042.1
30 1. OK		<NO VALU	<NO VALU	300888	205042.1
16	0	0	0		
100	0	0	0		
5	0	0	0		
26.875	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0503	1/5/2016 9:04	56.2	29.7	0.1	14	-2.38	947
BYPW0503	2/4/2016 8:45	35.2	25	0.1	39.7	-26.73	989
BYPW0503	3/1/2016 13:16	65.1	29.7	0.1	5.1	0.12	970
BYPW0503	3/1/2016 13:17	64.7	30.3	0	5	-0.03	970
BYPW0503	4/7/2016 9:48	55.8	28.3	0.1	15.8	-1.45	967
BYPW0503	5/12/2016 9:20	52.7	27.3	0	20	-3.93	967
BYPW0503	6/6/2016 14:04	53.8	26.3	0.1	19.8	-0.41	984
BYPW0503	7/8/2016 10:46	50.2	26.7	0	23.1	-2.99	980
BYPW0503	8/1/2016 8:48	44.2	26.1	0	29.7	-3.47	984
BYPW0503	9/13/2016 9:47	49.9	26.4	0	23.7	-6.06	975
BYPW0503	10/4/2016 10:08	54.9	27.2	0.1	17.8	-3.8	992
BYPW0503	10/4/2016 10:10	55.1	27.3	0.1	17.5	-4.1	992
BYPW0503	11/4/2016 8:05	55	28	0.1	16.9	-3.92	975
BYPW0503	11/18/2016 12:47	53.9	27.7	0.1	18.3	-6.47	959
BYPW0503	12/8/2016 9:27	48.1	24.4	0.1	27.4	-2.91	987
	Count	15	15	15	15	15	15
	Max	65.1	30.3	0.1	39.7	0.12	992
	Min	35.2	24.4	0	5	-26.73	947
	Ave	52.98667	27.36	0.066667	19.58667	-4.568667	975.8667

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	13.62	1.89	85.9	50
<NO VALU <NO VALU		0	0	LOW	39.32	1.41	60.2	50
<NO VALU <NO VALU		0	0	LOW	4.72	2.19	94.8	10
<NO VALU <NO VALU		0	0	LOW	5	2.14	95	20
<NO VALU <NO VALU		0	0	LOW	15.42	1.97	84.1	20
<NO VALU <NO VALU		5	19	LOW	20	1.93	80	20
<NO VALU <NO VALU		2	0	LOW	19.42	2.05	80.1	20
<NO VALU <NO VALU		3	26	LOW	23.1	1.88	76.9	20
<NO VALU <NO VALU		0	18	LOW	29.7	1.69	70.3	20
<NO VALU <NO VALU		0	36	LOW	23.7	1.89	76.3	10
<NO VALU <NO VALU		0	44	LOW	17.42	2.02	82.1	10
<NO VALU <NO VALU		0	46	LOW	17.12	2.02	82.4	30
<NO VALU <NO VALU		0	19	LOW	16.52	1.96	83	30
<NO VALU <NO VALU		3	11	LOW	17.92	1.95	81.6	30
<NO VALU <NO VALU		2	0	LOW	27.02	1.97	72.5	30
0	0	15	15	0	15	15	15	15
0	0	5	46	0	39.32	2.19	95	50
0	0	0	0	0	4.72	1.41	60.2	10
#DIV/0!	#DIV/0!	1	14.6	#DIV/0!	19.33333	1.930667	80.34667	24.66667

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
50 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
10 3. Low CH ₄		<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
20 500. Routir		<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
10 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
10 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
30 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
30 1. OK		<NO VALU	<NO VALU	300870.2 204949.2
15	0	0	0	
50	0	0	0	
10	0	0	0	
23.33333	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPW0504	1/5/2016 11:42	36.8	25.5	0	37.7	-4.96	953
BYPW0504	1/20/2016 9:28	27.1	26	0	46.9	-2.28	988
BYPW0504	2/4/2016 9:25	32.9	25.5	0	41.6	-3.28	994
BYPW0504	2/11/2016 9:30	20.2	22.8	0	57	0.25	973
BYPW0504	2/24/2016 8:37	47.8	29.4	0	22.8	0.19	989
BYPW0504	2/24/2016 8:39	53.1	30.7	0	16.2	-0.9	989
BYPW0504	3/1/2016 14:12	53.1	28	0	18.9	0.09	975
BYPW0504	3/23/2016 8:50	51.3	27.3	0	21.4	-1.71	986
BYPW0504	4/7/2016 9:03	43.5	26.2	0.2	30.1	-1.54	971
BYPW0504	5/6/2016 8:58	58.2	30.5	0	11.3	-1.14	981
BYPW0504	6/6/2016 8:30	65.2	31.7	0.1	3	-1.01	990
BYPW0504	6/6/2016 8:32	64.9	32.1	0	3	-1.3	990
BYPW0504	7/8/2016 8:56	39	25.3	0	35.7	-3.63	984
BYPW0504	7/19/2016 8:35	51.2	28.8	0.1	19.9	-1.31	986
BYPW0504	8/5/2016 8:40	57.3	30.2	0.1	12.4	-1.73	989
BYPW0504	9/13/2016 8:36	43.3	25.9	0	30.8	-2.48	980
BYPW0504	10/4/2016 9:05	44.6	26.7	0.1	28.6	-1.04	997
BYPW0504	11/4/2016 9:25	39.6	26.8	0	33.6	-1.33	980
BYPW0504	12/2/2016 9:02	15.9	8.9	13.6	61.6	-25.33	997
Count		19	19	19	19	19	19
Max		65.2	32.1	13.6	61.6	0.25	997
Min		15.9	8.9	0	3	-25.33	953
Ave		44.47368	26.75263	0.747368	28.02632	-2.865263	983.7895
>3% O2				1			
% > 3% O2				5.263158			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	37.7	1.44	62.3	5
<NO VALU <NO VALU		0	0	LOW	46.9	1.04	53.1	0
<NO VALU <NO VALU		0	0	LOW	41.6	1.29	58.4	0
<NO VALU <NO VALU		0	0	LOW	57	0.89	43	0
<NO VALU <NO VALU		0	0	LOW	22.8	1.63	77.2	0
<NO VALU <NO VALU		0	0	LOW	16.2	1.73	83.8	5
<NO VALU <NO VALU		0	0	LOW	18.9	1.9	81.1	5
<NO VALU <NO VALU		0	0	LOW	21.4	1.88	78.6	5
<NO VALU <NO VALU		0	0	LOW	29.35	1.66	69.7	5
<NO VALU <NO VALU		3	36	LOW	11.3	1.91	88.7	5
<NO VALU <NO VALU		1	0	LOW	2.62	2.06	96.9	5
<NO VALU <NO VALU		0	0	LOW	3	2.02	97	10
<NO VALU <NO VALU		0	14	LOW	35.7	1.54	64.3	10
<NO VALU <NO VALU		5	5	LOW	19.52	1.78	80	5
<NO VALU <NO VALU		4	30	LOW	12.02	1.9	87.5	5
<NO VALU <NO VALU		0	13	LOW	30.8	1.67	69.2	5
<NO VALU <NO VALU		0	26	LOW	28.22	1.67	71.3	5
<NO VALU <NO VALU		0	12	LOW	33.6	1.48	66.4	5
<NO VALU <NO VALU		0	1	LOW	10.46	1.79	24.8	5
0	0	19	19	0	19	19	19	19
0	0	5	36	0	57	2.06	97	10
0	0	0	0	0	2.62	0.89	24.8	0
#DIV/0!	#DIV/0!	0.684211	7.210526	#DIV/0!	25.21526	1.646316	71.22632	4.473684

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0 3. Low CH ₄	<NO VALU	<NO VALU	300856.5	204895.6	
0 3. Low CH ₄	<NO VALU	<NO VALU	300856.5	204895.6	
0 3. Low CH ₄	<NO VALU	<NO VALU	300856.5	204895.6	
0 3. Low CH ₄	<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	
5 500. Routir	<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 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	
0 2. Rebalan	<NO VALU	<NO VALU	300856.5	204895.6	
19	0	0	0		
10	0	0	0		
0	0	0	0		
4.210526	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0505	1/5/2016 11:44	50.3	28.9	0	20.8	-2.94	953
BYPW0505	2/4/2016 9:28	44.6	28.6	0	26.8	-2.5	994
BYPW0505	2/11/2016 9:33	37.2	26.5	0	36.3	-1.02	973
BYPW0505	2/24/2016 8:43	37	26.7	0	36.3	0.33	989
BYPW0505	3/1/2016 14:15	44.8	26.8	0	28.4	0.76	975
BYPW0505	3/1/2016 14:17	45.1	27	0	27.9	-0.88	975
BYPW0505	3/23/2016 8:52	54.3	30.3	0	15.4	-1.41	986
BYPW0505	4/7/2016 9:05	56.6	30.9	0.1	12.4	-1.66	971
BYPW0505	5/6/2016 9:01	41.4	28.7	0	29.9	-1.24	981
BYPW0505	7/8/2016 8:58	60	28.7	0	11.3	-1.05	985
BYPW0505	8/5/2016 8:43	47.1	27	0	25.9	-1.56	989
BYPW0505	9/13/2016 8:38	45.3	26.7	0.1	27.9	-1.32	980
BYPW0505	10/4/2016 9:08	48.6	30.9	0.1	20.4	-1.84	997
BYPW0505	11/4/2016 9:29	45.8	30.9	0	23.3	-1.62	980
BYPW0505	12/2/2016 9:06	38.7	24.2	0	37.1	-0.86	997
	Count	15	15	15	15	15	15
	Max	60	30.9	0.1	37.1	0.76	997
	Min	37	24.2	0	11.3	-2.94	953
	Ave	46.45333	28.18667	0.02	25.34	-1.254	981.6667

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	20.8	1.74	79.2	5
<NO VALU <NO VALU		0	0	LOW	26.8	1.56	73.2	5
<NO VALU <NO VALU		0	1	LOW	36.3	1.4	63.7	5
<NO VALU <NO VALU		0	0	LOW	36.3	1.39	63.7	0
<NO VALU <NO VALU		0	0	LOW	28.4	1.67	71.6	0
<NO VALU <NO VALU		0	0	LOW	27.9	1.67	72.1	5
<NO VALU <NO VALU		0	0	LOW	15.4	1.79	84.6	5
<NO VALU <NO VALU		0	0	LOW	12.02	1.83	87.5	5
<NO VALU <NO VALU		2	31	LOW	29.9	1.44	70.1	5
<NO VALU <NO VALU		0	18	LOW	11.3	2.09	88.7	5
<NO VALU <NO VALU		4	26	LOW	25.9	1.74	74.1	5
<NO VALU <NO VALU		0	0	LOW	27.52	1.7	72	5
<NO VALU <NO VALU		0	43	LOW	20.02	1.57	79.5	5
<NO VALU <NO VALU		0	18	LOW	23.3	1.48	76.7	5
<NO VALU <NO VALU		1	5	LOW	37.1	1.6	62.9	5
0	0	15	15	0	15	15	15	15
0	0	4	43	0	37.1	2.09	88.7	5
0	0	0	0	0	11.3	1.39	62.9	0
#DIV/0!	#DIV/0!	0.466667	9.466667	#DIV/0!	25.264	1.644667	74.64	4.333333

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
0 3. Low CH ₄		<NO VALU	<NO VALU	300845.4	204783.4
0 3. Low CH ₄		<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
5 500. Routir		<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 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 1. OK		<NO VALU	<NO VALU	300845.4	204783.4
15	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 (rr	Atm Pressu
BYPW0515	1/5/2016 9:53	57.1	31.9	0	11	1.14	950
BYPW0515	1/5/2016 9:54	55	34.2	0	10.8	-0.55	949
BYPW0515	2/4/2016 10:55	5.5	15.2	5	74.3	-0.99	991
BYPW0515	2/24/2016 10:17	58	41	0	1	0.57	983
BYPW0515	2/24/2016 10:19	57.6	41.3	0	1.1	-0.03	984
BYPW0515	3/10/2016 9:22	27.3	29.9	0.4	42.4	-0.04	986
BYPW0515	4/12/2016 10:03	59.5	42.3	0.1	0	-0.13	971
BYPW0515	4/12/2016 10:05	58.7	43.4	0	0	-0.64	970
BYPW0515	5/6/2016 9:53	41.6	34.7	0.1	23.6	-0.65	978
BYPW0515	6/6/2016 9:35	56.1	40.9	0	3	-0.39	988
BYPW0515	7/8/2016 9:51	30.9	30	0	39.1	-0.33	982
BYPW0515	7/19/2016 9:06	57.7	42.7	0.1	0	0.18	984
BYPW0515	7/19/2016 9:08	57.7	42.8	0.1	0	-0.12	983
BYPW0515	8/1/2016 12:52	58.7	41.7	0	0	0.14	985
BYPW0515	8/1/2016 12:54	60.3	39.2	0	0.5	-0.2	984
BYPW0515	9/13/2016 9:22	25.9	29.1	0.1	44.9	-0.38	977
BYPW0515	10/4/2016 9:42	57.9	42.7	0.1	0	0.51	994
BYPW0515	10/4/2016 9:45	57.9	42.7	0.1	0	-0.14	993
BYPW0515	11/4/2016 10:30	10.5	20.5	1.1	67.9	-0.29	977
BYPW0515	12/2/2016 10:08	57.1	39.2	0.1	3.6	0.35	994
BYPW0515	12/2/2016 10:10	57.2	39.2	0	3.6	-0.37	993
Count		21	21	21	21	21	21
Max		60.3	43.4	5	74.3	1.14	994
Min		5.5	15.2	0	0	-0.99	949
Ave		48.00952	36.40952	0.347619	15.5619	-0.112381	980.7619

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	11	1.79	89	0
<NO VALU -		0	0	LOW	10.8	1.61	89.2	5
<NO VALU <NO VALU		0	0	LOW	55.5	0.36	20.7	5
<NO VALU <NO VALU		3	0	LOW	1	1.41	99	0
<NO VALU <NO VALU		3	0	LOW	1.1	1.39	98.9	5
<NO VALU <NO VALU		0	0	LOW	40.9	0.91	57.2	5
<NO VALU <NO VALU		2	1	LOW	0	1.41	101.8	0
<NO VALU <NO VALU		2	11	LOW	0	1.35	102.1	5
<NO VALU <NO VALU		7	84	LOW	23.22	1.2	76.3	5
<NO VALU <NO VALU		4	0	LOW	3	1.37	97	5
<NO VALU <NO VALU		2	82	LOW	39.1	1.03	60.9	5
<NO VALU <NO VALU		8	73	LOW	0	1.35	100.4	0
<NO VALU <NO VALU		9	86	LOW	0	1.35	100.5	1
<NO VALU <NO VALU		6	69	LOW	0	1.41	100.4	0
<NO VALU <NO VALU		5	135	LOW	0.5	1.54	99.5	1
<NO VALU <NO VALU		0	62	LOW	44.52	0.89	55	1
<NO VALU <NO VALU		0	158	LOW	0	1.36	100.6	0
<NO VALU <NO VALU		0	357	LOW	0	1.36	100.6	1
<NO VALU <NO VALU		0	3	LOW	63.76	0.51	31	1
<NO VALU <NO VALU		7	17	LOW	3.22	1.46	96.3	0
<NO VALU <NO VALU		7	17	LOW	3.6	1.46	96.4	1
0	0	21	21	0	21	21	21	21
0	0	9	357	0	63.76	1.79	102.1	5
0	0	0	0	0	0	0.36	20.7	0
#DIV/0!	#DIV/0!	3.095238	55	#DIV/0!	14.34381	1.262857	84.41905	2.190476

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 1. OK	<NO VALU	<NO VALU	300949	204678.9	
5 1. OK	<NO VALU	<NO VALU	300949	204678.9	
0 3. Low CH ₄	<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 3. Low CH ₄	<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	
5 500. Routir	<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	
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	
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	
1 1. OK	<NO VALU	<NO VALU	300949	204678.9	
1 1. OK	<NO VALU	<NO VALU	300949	204678.9	
21	0	0	0		
5	0	0	0		
0	0	0	0		
2.285714	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPW0516	1/5/2016 9:57	43.3	35.1	0	21.6	-23.25	949
BYPW0516	2/4/2016 10:59	37.9	32	0	30.1	-21.33	991
BYPW0516	2/24/2016 10:12	58.6	40.6	0	0.8	3.36	983
BYPW0516	2/24/2016 10:14	58.3	40.8	0	0.9	-0.72	983
BYPW0516	3/10/2016 9:25	40.6	34.4	0	25	-12.93	985
BYPW0516	4/12/2016 10:08	59.4	41.1	0.3	0	-11.06	970
BYPW0516	4/12/2016 10:09	58.3	40.8	0.5	0.4	-20.5	969
BYPW0516	5/6/2016 9:55	31.3	30	0.1	38.6	-22.19	977
BYPW0516	6/6/2016 9:38	56.5	40.7	0	2.8	-1	987
BYPW0516	7/8/2016 9:53	48.9	37.3	0	13.8	-5.21	981
BYPW0516	8/1/2016 12:57	45.9	36.2	0	17.9	-9.15	984
BYPW0516	9/13/2016 9:24	45.3	35	0.1	19.6	-18.03	976
BYPW0516	10/4/2016 9:47	42.6	33.9	0.1	23.4	-12.78	993
BYPW0516	11/4/2016 10:33	35.2	32.3	0.1	32.4	-14.33	976
BYPW0516	12/2/2016 10:12	59.3	36.6	0	4.1	-1.83	993
	Count	15	15	15	15	15	15
	Max	59.4	41.1	0.5	38.6	3.36	993
	Min	31.3	30	0	0	-23.25	949
	Ave	48.09333	36.45333	0.08	15.42667	-11.39667	979.8

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart val
<NO VALU -		0	0	LOW	21.6	1.23	78.4	10
<NO VALU <NO VALU		0	0	LOW	30.1	1.18	69.9	10
<NO VALU <NO VALU		1	2	LOW	0.8	1.44	99.2	0
<NO VALU <NO VALU		1	3	LOW	0.9	1.43	99.1	5
<NO VALU <NO VALU		0	0	LOW	25	1.18	75	0
<NO VALU <NO VALU		2	11	LOW	0	1.45	100.5	5
<NO VALU <NO VALU		1	5	LOW	0	1.43	99.1	10
<NO VALU <NO VALU		7	264	LOW	38.22	1.04	61.3	10
<NO VALU <NO VALU		1	0	LOW	2.8	1.39	97.2	5
<NO VALU <NO VALU		6	306	LOW	13.8	1.31	86.2	10
<NO VALU <NO VALU		7	161	LOW	17.9	1.27	82.1	10
<NO VALU <NO VALU		0	337	LOW	19.22	1.29	80.3	10
<NO VALU <NO VALU		0	367	LOW	23.02	1.26	76.5	10
<NO VALU <NO VALU		3	106	LOW	32.02	1.09	67.5	10
<NO VALU <NO VALU		5	15	LOW	4.1	1.62	95.9	5
0	0	15	15	0	15	15	15	15
0	0	7	367	0	38.22	1.62	100.5	10
0	0	0	0	0	0	1.04	61.3	0
#DIV/0!	#DIV/0!	2.266667	105.1333	#DIV/0!	15.29867	1.307333	84.54667	7.333333

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
10 1. OK	<NO VALU	<NO VALU	300952.8	204740
0 3. Low CH ₄	<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
5 500. Routir	<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
5 2. Rebalan	<NO VALU	<NO VALU	300952.8	204740
5 1. OK	<NO VALU	<NO VALU	300952.8	204740
15	0	0	0	
10	0	0	0	
0	0	0	0	
7 #DIV/0!	#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	1/12/2016 8:39	54.7	36.7	0.2	8.4	-12.45	961
BYPW0601	2/10/2016 12:03	49.9	35.2	0.1	14.8	-12.21	963
BYPW0601	3/10/2016 9:51	55.8	36.9	0	7.3	-8.62	984
BYPW0601	4/12/2016 10:44	56.7	37.6	0.3	5.4	-6.11	969
BYPW0601	5/6/2016 12:09	44.5	34.8	0	20.7	-8.3	975
BYPW0601	6/6/2016 12:17	56	38.4	0.1	5.5	-4.94	986
BYPW0601	7/15/2016 8:15	54.3	39.4	0.1	6.2	-5.28	991
BYPW0601	8/1/2016 11:55	43.8	37.3	0.1	18.8	-7.9	983
BYPW0601	9/13/2016 13:08	55.7	39.4	0.1	4.8	-5.73	974
BYPW0601	10/4/2016 13:17	55.3	37.9	0.1	6.7	-14.98	992
BYPW0601	11/8/2016 7:49	40.5	34.5	0.1	24.9	-14.65	971
BYPW0601	12/2/2016 12:37	58.2	36.9	0.1	4.8	-1.78	990
Count		12	12	12	12	12	12
Max		58.2	39.4	0.3	24.9	-1.78	992
Min		40.5	34.5	0	4.8	-14.98	961
Ave		52.11667	37.08333	0.108333	10.69167	-8.579167	978.25

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	7.65	1.49	91.4	15
<NO VALU	<NO VALU	0	0	LOW	14.42	1.42	85.1	15
<NO VALU	<NO VALU	0	1	LOW	7.3	1.51	92.7	15
<NO VALU	<NO VALU	0	0	LOW	4.27	1.51	94.3	15
<NO VALU	<NO VALU	8	81	LOW	20.7	1.28	79.3	15
<NO VALU	<NO VALU	2	0	LOW	5.12	1.46	94.4	15
<NO VALU	<NO VALU	0	68	LOW	5.82	1.38	93.7	15
<NO VALU	<NO VALU	4	49	LOW	18.42	1.17	81.1	15
<NO VALU	<NO VALU	0	112	LOW	4.42	1.41	95.1	15
<NO VALU	<NO VALU	0	91	LOW	6.32	1.46	93.2	15
<NO VALU	<NO VALU	0	0	LOW	24.52	1.17	75	15
<NO VALU	<NO VALU	9	27	LOW	4.42	1.58	95.1	10
0	0	12	12	0	12	12	12	12
0	0	9	112	0	24.52	1.58	95.1	15
0	0	0	0	0	4.27	1.17	75	10
#DIV/0!	#DIV/0!	1.916667	35.75	#DIV/0!	10.28167	1.403333	89.2	14.58333

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
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
15 500. Routir		<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
10 1. OK		<NO VALU	<NO VALU	300842.7	205092.3
10 1. OK		<NO VALU	<NO VALU	300842.7	205092.3
12	0	0	0		
15	0	0	0		
10	0	0	0		
14.16667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Macuum (rr Atm Pressu	
BYPW0602	1/12/2016 8:37	17.5	16.6	13.7	52.2	-58.42	961
BYPW0602	2/10/2016 12:01	28.4	21.3	8.4	41.9	-45.69	963
BYPW0602	2/24/2016 13:05	64.3	35	0.1	0.6	0.63	981
BYPW0602	2/24/2016 13:07	65.9	33.7	0.1	0.3	-15.52	981
BYPW0602	3/10/2016 9:47	62.9	30.2	0.1	6.8	-51.75	983
BYPW0602	3/10/2016 9:49	63.1	30.3	0	6.6	-63.66	983
BYPW0602	4/12/2016 10:41	59	30.5	1.1	9.4	-22.9	968
BYPW0602	5/6/2016 12:07	44.1	30.5	0.1	25.3	-13.01	975
BYPW0602	6/6/2016 12:13	59.9	32	0.2	7.9	-6.87	986
BYPW0602	6/6/2016 12:15	60	32.2	0.1	7.7	-9.55	986
BYPW0602	7/15/2016 8:13	60.1	34.4	0.1	5.4	-11.52	991
BYPW0602	8/1/2016 11:52	53.4	36.9	0	9.7	-42.37	983
BYPW0602	9/13/2016 13:05	37.9	23.6	7.6	30.9	-46.48	974
BYPW0602	9/23/2016 12:41	65.7	33.9	0.1	0.3	-0.57	989
BYPW0602	9/23/2016 12:43	69.8	30.3	0.1	0	-19.59	989
BYPW0602	10/4/2016 13:13	64.6	33.7	0.1	1.6	-29.2	992
BYPW0602	10/4/2016 13:15	63.9	33.6	0.2	2.3	-29.25	992
BYPW0602	11/8/2016 7:46	45	33.1	0.1	21.8	-25.44	971
BYPW0602	12/2/2016 12:34	58	32.5	0.1	9.4	-25.9	990
Count		19	19	19	19	19	19
Max		69.8	36.9	13.7	52.2	0.63	992
Min		17.5	16.6	0	0	-63.66	961
Ave		54.92105	30.75263	1.7	12.63684	-27.21368	980.9474

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	0.69	1.05	34.1	10
<NO VALU	<NO VALU	0	0	LOW	10.32	1.33	49.7	0
<NO VALU	<NO VALU	0	0	LOW	0.22	1.84	99.3	0
<NO VALU	<NO VALU	0	0	LOW	0	1.96	99.6	5
<NO VALU	<NO VALU	0	0	LOW	6.42	2.08	93.1	5
<NO VALU	<NO VALU	0	0	LOW	6.6	2.08	93.4	10
<NO VALU	<NO VALU	0	0	LOW	5.26	1.93	89.5	10
<NO VALU	<NO VALU	7	7	LOW	24.92	1.45	74.6	10
<NO VALU	<NO VALU	2	0	LOW	7.15	1.87	91.9	5
<NO VALU	<NO VALU	2	0	LOW	7.32	1.86	92.2	10
<NO VALU	<NO VALU	0	11	LOW	5.02	1.75	94.5	10
<NO VALU	<NO VALU	4	7	LOW	9.7	1.45	90.3	10
<NO VALU	<NO VALU	0	1	LOW	2.32	1.61	61.5	15
<NO VALU	<NO VALU	0	0	LOW	0	1.94	99.6	5
<NO VALU	<NO VALU	0	7	LOW	0	2.3	100.1	10
<NO VALU	<NO VALU	0	3	LOW	1.22	1.92	98.3	5
<NO VALU	<NO VALU	0	3	LOW	1.55	1.9	97.5	10
<NO VALU	<NO VALU	0	0	LOW	21.42	1.36	78.1	10
<NO VALU	<NO VALU	7	5	LOW	9.02	1.78	90.5	10
0	0	19	19	0	19	19	19	19
0	0	7	11	0	24.92	2.3	100.1	15
0	0	0	0	0	0	1.05	34.1	0
#DIV/0!	#DIV/0!	1.157895	2.315789	#DIV/0!	6.271053	1.761053	85.67368	7.894737

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0 3. Low CH ₄	<NO VALU	<NO VALU	300842.7	205092.3	
0 3. Low CH ₄	<NO VALU	<NO VALU	300842.7	205092.3	
5 1. OK	<NO VALU	<NO VALU	300842.7	205092.3	
5 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	
10 1. OK	<NO VALU	<NO VALU	300842.7	205092.3	
5 500. Routir	<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	
10 1. OK	<NO VALU	<NO VALU	300842.7	205092.3	
15 1. OK	<NO VALU	<NO VALU	300842.7	205092.3	
5 2. Rebalan	<NO VALU	<NO VALU	300842.7	205092.3	
10 1. OK	<NO VALU	<NO VALU	300842.7	205092.3	
10 1. OK	<NO VALU	<NO VALU	300842.7	205092.3	
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	
10 1. OK	<NO VALU	<NO VALU	300842.7	205092.3	
19	0	0	0		
15	0	0	0		
0	0	0	0		
8.157895	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Press)	
BYPW0605	1/5/2016 10:03	18.3	17.6	0	64.1	-0.94	949
BYPW0605	2/4/2016 11:05	0.2	2	20.9	76.8	-1.85	991
BYPW0605	2/24/2016 9:48	57.5	31.9	0.2	10.4	0.42	984
BYPW0605	2/24/2016 9:50	57.3	32.3	0.1	10.3	0.29	983
BYPW0605	3/10/2016 9:30	4.8	8.1	14.4	72.7	-1.04	984
BYPW0605	4/12/2016 10:18	0.1	1.6	20.2	78.1	-0.05	970
	Count	6	6	6	6	6	6
	Max	57.5	32.3	20.9	78.1	0.42	991
	Min	0.1	1.6	0	10.3	-1.85	949
	Ave	23.03333	15.58333	9.3	52.06667	-0.528333	976.8333

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	64.1	1.04	35.9	0
<NO VALU <NO VALU		0	0	LOW	0	0.1	2.2	0
<NO VALU <NO VALU		0	0	LOW	9.65	1.8	89.4	0
<NO VALU <NO VALU		0	0	LOW	9.92	1.77	89.6	5
<NO VALU <NO VALU		0	0	LOW	18.56	0.59	12.9	5
<NO VALU <NO VALU		0	0	LOW	2.15	0.06	1.7	0
0	0	6	6	0	6	6	6	6
0	0	0	0	0	64.1	1.8	89.6	5
0	0	0	0	0	0	0.06	1.7	0
#DIV/0!	#DIV/0!	0	0	#DIV/0!	17.39667	0.893333	38.61667	1.666667

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0 3. Low CH4	<NO VALU	<NO VALU	300916	204822	
0 3. Low CH4	<NO VALU	<NO VALU	300916	204822	
5 1. OK	<NO VALU	<NO VALU	300916	204822	
5 1. OK	<NO VALU	<NO VALU	300916	204822	
0 3. Low CH4	<NO VALU	<NO VALU	300916	204822	
0 3. Investigate	<NO VALU	<NO VALU	300916	204822	
6	0	0	0		
5	0	0	0		
0	0	0	0		
1.666667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Gr	Vacuum (in)
BYPW0606	1/5/2016 10:05	54.4	34.5	0	11.1	-1.02
BYPW0606	1/5/2016 10:07	48.8	38.6	0.5	12.1	-1.98
BYPW0606	2/4/2016 11:08	22.6	25.9	0.2	51.3	-2.59
BYPW0606	2/24/2016 9:52	58.8	40.8	0	0.4	0.52
BYPW0606	2/24/2016 9:54	58.3	41	0.1	0.6	0.3
BYPW0606	3/10/2016 9:33	38.4	30.8	0.4	30.4	-0.96
BYPW0606	4/12/2016 10:21	53.9	40	1.4	4.7	-0.01
BYPW0606	4/12/2016 10:23	53.5	40.2	1.1	5.2	-1.42
BYPW0606	5/6/2016 10:04	31.3	29.3	0.1	39.3	-1.59
BYPW0606	5/20/2016 12:04	57.4	41	0.1	1.5	0.02
BYPW0606	5/20/2016 12:06	56.8	41.9	0	1.3	-1.02
BYPW0606	6/6/2016 9:47	55.9	41	0	3.1	0.32
BYPW0606	6/6/2016 9:49	55.8	41.3	0	2.9	-0.8
BYPW0606	7/8/2016 10:00	44.2	36.8	0.1	18.9	-0.52
BYPW0606	8/1/2016 13:04	45.8	35.5	0.1	18.6	-0.35
BYPW0606	9/13/2016 9:32	45.9	35.2	0.1	18.8	-1.33
BYPW0606	10/4/2016 9:52	44.2	33.6	0.2	22	-0.63
BYPW0606	11/4/2016 10:38	32	29.8	0.2	38	-0.21
BYPW0606	12/2/2016 10:18	57.3	38.7	0.1	3.9	0.13
BYPW0606	12/2/2016 10:20	57.5	38.8	0	3.7	-0.26
	Count	20	20	20	20	20
	Max	58.8	41.9	1.4	51.3	0.52
	Min	22.6	25.9	0	0.4	-2.59
	Ave	48.64	36.735	0.235	14.39	-0.67

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
948	<NO VALU-		0	0	LOW	11.1	1.58	88.9
949	<NO VALU-		0	0	LOW	10.22	1.26	87.4
991	<NO VALU<NO VALU		0	0	LOW	50.55	0.87	48.5
983	<NO VALU<NO VALU		1	4	LOW	0.4	1.44	99.6
983	<NO VALU<NO VALU		0	5	LOW	0.22	1.42	99.3
984	<NO VALU<NO VALU		0	0	LOW	28.9	1.25	69.2
969	<NO VALU<NO VALU		2	0	LOW	0	1.35	93.9
969	<NO VALU<NO VALU		4	0	LOW	1.06	1.33	93.7
976	<NO VALU<NO VALU		7	34	LOW	38.92	1.07	60.6
980	<NO VALU<NO VALU		3	0	LOW	1.12	1.4	98.4
980	<NO VALU<NO VALU		3	0	LOW	1.3	1.36	98.7
986	<NO VALU<NO VALU		3	0	LOW	3.1	1.36	96.9
986	<NO VALU<NO VALU		2	0	LOW	2.9	1.35	97.1
980	<NO VALU<NO VALU		5	65	LOW	18.52	1.2	81
983	<NO VALU<NO VALU		6	31	LOW	18.22	1.29	81.3
976	<NO VALU<NO VALU		0	52	LOW	18.42	1.3	81.1
992	<NO VALU<NO VALU		0	64	LOW	21.25	1.32	77.8
975	<NO VALU<NO VALU		2	21	LOW	37.25	1.07	61.8
992	<NO VALU<NO VALU		7	14	LOW	3.52	1.48	96
992	<NO VALU<NO VALU		7	14	LOW	3.7	1.48	96.3
20	0	0	20	20	0	20	20	20
992	0	0	7	65	0	50.55	1.58	99.6
948	0	0	0	0	0	0	0.87	48.5
978.7	#DIV/0!	#DIV/0!	2.6	15.2	#DIV/0!	13.5335	1.309	85.375

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
0	5 1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	5 1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	0 3. Low CH ₄	<NO VALU	<NO VALU	300895.7	204850.2
0	5 1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	5 1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	0 3. Low CH ₄	<NO VALU	<NO VALU	300895.7	204850.2
0	5 1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	5 1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	0 500. Routir	<NO VALU	<NO VALU	300895.7	204850.2
0	5 1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	5 1. OK	<NO VALU	<NO VALU	300895.7	204850.2
0	5 1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	5 1. OK	<NO VALU	<NO VALU	300895.7	204850.2
5	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	0 2. Rebalan	<NO VALU	<NO VALU	300895.7	204850.2
0	1 1. OK	<NO VALU	<NO VALU	300895.7	204850.2
1	1 1. OK	<NO VALU	<NO VALU	300895.7	204850.2
20	20	0	0	0	
5	5	0	0	0	
0	0	0	0	0	
3.3	3.6 #DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0607	1/5/2016 10:10	45.6	33.5	0.1	20.8	-2.02	949
BYPW0607	1/5/2016 10:12	45.1	34.2	0	20.7	-2.51	949
BYPW0607	2/4/2016 11:10	24.6	26.2	0	49.2	-3.08	991
BYPW0607	2/24/2016 9:58	59	39.5	0.4	1.1	0.51	983
BYPW0607	2/24/2016 10:00	59.1	40.4	0	0.5	0.18	983
BYPW0607	3/10/2016 9:35	42.3	31.5	0	26.2	-2.16	984
BYPW0607	4/12/2016 10:26	57.7	38.1	0.1	4.1	-1.05	969
BYPW0607	5/6/2016 10:06	42.6	33.8	0	23.6	-1.04	976
BYPW0607	6/6/2016 9:51	57	38.7	0	4.3	-0.55	986
BYPW0607	7/8/2016 10:02	45.3	35.7	0	19	-1.06	980
BYPW0607	8/1/2016 13:06	48.2	36	0	15.8	-0.68	983
BYPW0607	9/13/2016 9:34	52.1	36.6	0	11.3	-1.67	975
BYPW0607	10/4/2016 9:54	54.9	37.9	0.1	7.1	-1.36	992
BYPW0607	11/4/2016 10:40	35.2	30.8	0	34	-2.1	975
BYPW0607	12/2/2016 10:22	58.5	36	0	5.5	-0.91	993
	Count	15	15	15	15	15	15
	Max	59.1	40.4	0.4	49.2	0.51	993
	Min	24.6	26.2	0	0.5	-3.08	949
	Ave	48.48	35.26	0.046667	16.21333	-1.3	977.8667

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU -		0	0	LOW	20.42	1.36	79.1	0
<NO VALU -		0	0	LOW	20.7	1.32	79.3	5
<NO VALU <NO VALU		0	0	LOW	49.2	0.94	50.8	5
<NO VALU <NO VALU		0	0	LOW	0	1.49	98.5	0
<NO VALU <NO VALU		0	0	LOW	0.5	1.46	99.5	5
<NO VALU <NO VALU		0	0	LOW	26.2	1.34	73.8	5
<NO VALU <NO VALU		0	0	LOW	3.72	1.51	95.8	5
<NO VALU <NO VALU		7	19	LOW	23.6	1.26	76.4	5
<NO VALU <NO VALU		1	0	LOW	4.3	1.47	95.7	5
<NO VALU <NO VALU		3	21	LOW	19	1.27	81	5
<NO VALU <NO VALU		5	13	LOW	15.8	1.34	84.2	5
<NO VALU <NO VALU		0	19	LOW	11.3	1.42	88.7	5
<NO VALU <NO VALU		0	28	LOW	6.72	1.45	92.8	5
<NO VALU <NO VALU		0	9	LOW	34	1.14	66	5
<NO VALU <NO VALU		5	4	LOW	5.5	1.63	94.5	1
0	0	15	15	0	15	15	15	15
0	0	7	28	0	49.2	1.63	99.5	5
0	0	0	0	0	0	0.94	50.8	0
#DIV/0!	#DIV/0!	1.4	7.533333	#DIV/0!	16.064	1.36	83.74	4.066667

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
5 1. OK		<NO VALU	<NO VALU	300850.9 204838.9
5 1. OK		<NO VALU	<NO VALU	300850.9 204838.9
0 3. Low CH ₄		<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
5 500. Routir		<NO VALU	<NO VALU	300850.9 204838.9
5 1. OK		<NO VALU	<NO VALU	300850.9 204838.9
5 1. OK		<NO VALU	<NO VALU	300850.9 204838.9
5 1. OK		<NO VALU	<NO VALU	300850.9 204838.9
5 1. OK		<NO VALU	<NO VALU	300850.9 204838.9
5 1. OK		<NO VALU	<NO VALU	300850.9 204838.9
1 2. Rebalan		<NO VALU	<NO VALU	300850.9 204838.9
1 1. OK		<NO VALU	<NO VALU	300850.9 204838.9
15	0	0	0	
5	0	0	0	
0	0	0	0	
4.133333	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0608	1/5/2016 10:15	53.6	39.1	0.3	7	-3.05	949
BYPW0608	2/4/2016 11:12	25.2	26.2	0	48.6	-3.31	991
BYPW0608	2/24/2016 10:02	60.7	36.9	0.2	2.2	0.51	983
BYPW0608	2/24/2016 10:04	60.7	37.9	0	1.4	0.25	983
BYPW0608	3/10/2016 9:37	44.2	34.2	0.1	21.5	-2.61	984
BYPW0608	4/12/2016 10:29	51.9	37.5	0.1	10.5	-1.1	969
BYPW0608	5/6/2016 10:09	27.2	26.7	0.1	46	-1	976
BYPW0608	5/20/2016 12:08	60.4	38.3	0	1.3	-0.06	980
BYPW0608	5/20/2016 12:10	58.1	40.6	0	1.3	-0.82	980
BYPW0608	6/6/2016 9:53	56.5	39.9	0	3.6	0.06	986
BYPW0608	6/6/2016 9:55	56.2	40.1	0	3.7	-0.54	986
BYPW0608	7/8/2016 10:04	36.5	32.7	0	30.8	-0.71	980
BYPW0608	7/19/2016 9:11	41.5	36.3	0.1	22.1	-0.42	983
BYPW0608	8/1/2016 13:09	24.9	29.6	0	45.5	-0.34	983
BYPW0608	8/12/2016 11:34	58.4	41.2	0.1	0.3	0.32	989
BYPW0608	8/12/2016 11:36	58.6	41.1	0.1	0.2	-0.29	990
BYPW0608	9/13/2016 9:36	39.2	34.3	0	26.5	-1.66	975
BYPW0608	10/4/2016 9:57	57.2	38.1	0.1	4.6	-0.37	992
BYPW0608	11/4/2016 10:42	23.7	27.1	0.2	49	-1.28	975
BYPW0608	12/2/2016 10:26	30.9	21.7	8.4	39	0.26	992
	Count	20	20	20	20	20	20
	Max	60.7	41.2	8.4	49	0.51	992
	Min	23.7	21.7	0	0.2	-3.31	949
	Ave	46.28	34.975	0.49	18.255	-0.808	981.3
	>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 -		0	0	LOW	5.87	1.37	92.7	5
<NO VALU <NO VALU		0	0	LOW	48.6	0.96	51.4	5
<NO VALU <NO VALU		0	0	LOW	1.45	1.64	97.6	0
<NO VALU <NO VALU		0	1	LOW	1.4	1.6	98.6	5
<NO VALU <NO VALU		0	0	LOW	21.12	1.29	78.4	5
<NO VALU <NO VALU		0	0	LOW	10.12	1.38	89.4	5
<NO VALU <NO VALU		6	3	LOW	45.62	1.02	53.9	5
<NO VALU <NO VALU		2	0	LOW	1.3	1.58	98.7	0
<NO VALU <NO VALU		1	0	LOW	1.3	1.43	98.7	5
<NO VALU <NO VALU		1	0	LOW	3.6	1.42	96.4	0
<NO VALU <NO VALU		1	0	LOW	3.7	1.4	96.3	5
<NO VALU <NO VALU		2	10	LOW	30.8	1.12	69.2	5
<NO VALU <NO VALU		6	13	LOW	21.72	1.14	77.8	1
<NO VALU <NO VALU		4	14	LOW	45.5	0.84	54.5	1
<NO VALU <NO VALU		0	21	LOW	0	1.42	99.6	0
<NO VALU <NO VALU		0	27	LOW	0	1.43	99.7	5
<NO VALU <NO VALU		0	22	LOW	26.5	1.14	73.5	5
<NO VALU <NO VALU		0	16	LOW	4.22	1.5	95.3	1
<NO VALU <NO VALU		0	2	LOW	48.25	0.87	50.8	1
<NO VALU <NO VALU		3	1	LOW	7.42	1.42	52.6	0
0	0	20	20	0	20	20	20	20
0	0	6	27	0	48.6	1.64	99.7	5
0	0	0	0	0	0	0.84	50.8	0
#DIV/0!	#DIV/0!	1.3	6.5	#DIV/0!	16.4245	1.2985	81.255	2.95

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 1. OK		<NO VALU	<NO VALU	300905.6	204831.8
0 3. Low CH4		<NO VALU	<NO VALU	300905.6	204831.8
5 1. OK		<NO VALU	<NO VALU	300905.6	204831.8
5 1. OK		<NO VALU	<NO VALU	300905.6	204831.8
5 1. OK		<NO VALU	<NO VALU	300905.6	204831.8
5 1. OK		<NO VALU	<NO VALU	300905.6	204831.8
0 500. Routir		<NO VALU	<NO VALU	300905.6	204831.8
5 1. OK		<NO VALU	<NO VALU	300905.6	204831.8
5 1. OK		<NO VALU	<NO VALU	300905.6	204831.8
5 1. OK		<NO VALU	<NO VALU	300905.6	204831.8
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
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
0 2. Rebalan		<NO VALU	<NO VALU	300905.6	204831.8
0 2. Rebalan		<NO VALU	<NO VALU	300905.6	204831.8
20	0	0	0		
5	0	0	0		
0	0	0	0		
2.95	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in
BYPW1202	1/12/2016 10:31	47.5	35.8	0.1	16.6	-42.32
BYPW1202	2/4/2016 14:19	46.3	35	0.1	18.6	-47.37
BYPW1202	3/1/2016 14:50	58.7	37.6	0	3.7	-23.04
BYPW1202	4/12/2016 12:41	52	35.8	0.9	11.3	-31.29
BYPW1202	5/12/2016 8:46	52.3	37.8	0	9.9	-19.11
BYPW1202	6/6/2016 13:31	54.3	36.8	0	8.9	-18.02
BYPW1202	7/15/2016 9:11	56.7	39.1	0	4.2	-19.11
BYPW1202	8/1/2016 9:14	47.3	37.8	0.1	14.8	-45.05
BYPW1202	8/19/2016 8:19	55.1	28.8	0.1	16	-0.59
BYPW1202	9/13/2016 11:55	52.2	38.8	0.1	8.9	-34.96
BYPW1202	10/4/2016 11:19	56.4	39	0.1	4.5	-24.71
BYPW1202	10/4/2016 11:21	57.2	39.4	0	3.4	-26.93
BYPW1202	11/4/2016 12:56	53	38.7	0.1	8.2	-31.13
BYPW1202	12/2/2016 13:38	53.6	35.3	0.1	11	-34.87
BYPW1202	12/19/2016 9:24	60.4	42.5	0.1	0	-2.05
BYPW1202	12/19/2016 9:27	60.5	42.9	0	0	-3.03
Count		16	16	16	16	16
Max		60.5	42.9	0.9	18.6	-0.59
Min		46.3	28.8	0	0	-47.37
Ave		53.96875	37.56875	0.1125	8.75	-25.22375

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
962	<NO VALU	<NO VALU	3	0	LOW	16.22	1.33	83.3
989	<NO VALU	<NO VALU	4	0	LOW	18.22	1.32	81.3
968	<NO VALU	<NO VALU	6	1	LOW	3.7	1.56	96.3
969	<NO VALU	<NO VALU	2	1	LOW	7.92	1.45	87.8
967	<NO VALU	<NO VALU	8	140	LOW	9.9	1.38	90.1
984	<NO VALU	<NO VALU	7	0	LOW	8.9	1.48	91.1
989	<NO VALU	<NO VALU	9	139	LOW	4.2	1.45	95.8
983	<NO VALU	<NO VALU	8	65	LOW	14.42	1.25	85.1
972	<NO VALU	<NO VALU	0	26	LOW	15.62	1.91	83.9
974	<NO VALU	<NO VALU	0	195	LOW	8.52	1.35	91
991	<NO VALU	<NO VALU	0	215	LOW	4.12	1.45	95.4
991	<NO VALU	<NO VALU	0	220	LOW	3.4	1.45	96.6
971	<NO VALU	<NO VALU	12	50	LOW	7.82	1.37	91.7
989	<NO VALU	<NO VALU	12	25	LOW	10.62	1.52	88.9
991	<NO VALU	<NO VALU	14	25	LOW	0	1.42	102.9
991	<NO VALU	<NO VALU	17	31	LOW	0	1.41	103.4
16	0	0	16	16	0	16	16	16
991	0	0	17	220	0	18.22	1.91	103.4
962	0	0	0	0	0	0	1.25	81.3
980.0625	#DIV/0!	#DIV/0!	6.375	70.8125	#DIV/0!	8.34875	1.44375	91.5375

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
15	15 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
15	15 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
10	10 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
10	10 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
10	10 500. Routir	<NO VALU	<NO VALU	300980.8	205038.9
10	10 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
10	10 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
10	10 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
1	1 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
10	10 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
10	20 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
20	20 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
20	20 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
20	20 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
20	30 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
30	30 1. OK	<NO VALU	<NO VALU	300980.8	205038.9
16	16	0	0	0	
30	30	0	0	0	
1	1	0	0	0	
13.8125	15.0625	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPW1203	1/5/2016 10:54	59.1	26.2	0.2	14.5	-0.96	951
BYPW1203	1/5/2016 10:56	58.4	26.8	0	14.8	-2.48	951
BYPW1203	2/4/2016 9:51	24.5	22	0.2	53.3	-2.98	992
BYPW1203	3/1/2016 14:32	41.1	23.9	0	35	0.64	973
BYPW1203	4/12/2016 8:35	28.6	20	0.3	51.1	-1.81	969
BYPW1203	5/6/2016 9:18	26.9	21.7	0.1	51.3	-1.11	979
BYPW1203	5/20/2016 9:38	49.8	22.6	0	27.6	-0.57	982
BYPW1203	5/20/2016 9:40	49.6	23	0	27.4	-1.24	981
BYPW1203	6/6/2016 8:52	47.4	22.7	0.1	29.8	-0.37	989
BYPW1203	6/6/2016 8:54	47.1	22.9	0	30	-1.45	988
BYPW1203	7/8/2016 9:20	46.2	22.8	0.1	30.9	-0.35	982
BYPW1203	8/1/2016 13:16	24.8	22.8	0.2	52.2	1.44	984
BYPW1203	8/19/2016 8:14	61.2	24.8	0.1	13.9	-0.04	972
BYPW1203	8/19/2016 8:16	61.2	24.9	0	13.9	-0.23	972
BYPW1203	9/13/2016 8:52	41.2	23.9	0.1	34.8	-1.22	977
BYPW1203	10/4/2016 9:18	34.5	24.1	0.1	41.3	-1.39	995
BYPW1203	11/4/2016 9:48	35.1	27.1	0	37.8	-0.64	978
BYPW1203	12/2/2016 9:22	64.4	24.4	0.1	11.1	0	995
BYPW1203	12/2/2016 9:24	64.4	24.4	0.1	11.1	-0.12	994
Count		19	19	19	19	19	19
Max		64.4	27.1	0.3	53.3	1.44	995
Min		24.5	20	0	11.1	-2.98	951
Ave		45.55263	23.73684	0.089474	30.62105	-0.783158	979.1579
>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 -		0	0	LOW	13.75	2.26	85.3	0
<NO VALU -		0	0	LOW	14.8	2.18	85.2	1
<NO VALU <NO VALU		0	0	LOW	52.55	1.11	46.5	1
<NO VALU <NO VALU		0	0	LOW	35	1.72	65	1
<NO VALU <NO VALU		0	0	LOW	49.97	1.43	48.6	1
<NO VALU <NO VALU		1	20	LOW	50.92	1.24	48.6	0
<NO VALU <NO VALU		0	0	LOW	27.6	2.2	72.4	0
<NO VALU <NO VALU		0	0	LOW	27.4	2.16	72.6	1
<NO VALU <NO VALU		0	0	LOW	29.42	2.09	70.1	0
<NO VALU <NO VALU		0	0	LOW	30	2.06	70	1
<NO VALU <NO VALU		0	1	LOW	30.52	2.03	69	1
<NO VALU <NO VALU		2	0	LOW	51.45	1.09	47.6	0
<NO VALU <NO VALU		0	15	LOW	13.52	2.47	86	0
<NO VALU <NO VALU		0	15	LOW	13.9	2.46	86.1	1
<NO VALU <NO VALU		0	0	LOW	34.42	1.72	65.1	1
<NO VALU <NO VALU		0	23	LOW	40.92	1.43	58.6	1
<NO VALU <NO VALU		0	11	LOW	37.8	1.3	62.2	1
<NO VALU <NO VALU		0	5	LOW	10.72	2.64	88.8	0
<NO VALU <NO VALU		0	5	LOW	10.72	2.64	88.8	1
0	0	19	19	0	19	19	19	19
0	0	2	23	0	52.55	2.64	88.8	1
0	0	0	0	0	10.72	1.09	46.5	0
#DIV/0!	#DIV/0!	0.157895	5	#DIV/0!	30.28316	1.906842	69.28947	0.631579

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
1 1. OK	<NO VALU	<NO VALU	300827.8	204730.9
1 1. OK	<NO VALU	<NO VALU	300827.8	204730.9
0 3. Low CH4	<NO VALU	<NO VALU	300827.8	204730.9
1 1. OK	<NO VALU	<NO VALU	300827.8	204730.9
0 3. Investigate	<NO VALU	<NO VALU	300827.8	204730.9
0 500. Routine	<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 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
1 2. Rebalan	<NO VALU	<NO VALU	300827.8	204730.9
1 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
19	0	0	0	
1	0	0	0	
0	0	0	0	
0.736842	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW1204	1/5/2016 10:59	69.2	30.3	0.3	0.2	0.5	951
BYPW1204	1/5/2016 11:01	69.2	31.2	0	0	-3.33	951
BYPW1204	2/4/2016 9:54	36.4	24.8	0.5	38.3	-5.31	992
BYPW1204	2/24/2016 8:58	70.7	29.9	0.6	0	0.75	986
BYPW1204	2/24/2016 9:00	70.2	30.3	0.1	0	-0.46	987
BYPW1204	3/1/2016 14:29	68.5	28.6	0.1	2.8	-0.71	973
BYPW1204	4/12/2016 8:37	31.8	23.5	0.5	44.2	-5.02	970
BYPW1204	4/22/2016 10:42	67.4	27.9	1	3.7	-0.55	990
BYPW1204	4/22/2016 10:44	70.8	29.3	0.1	0	-2.33	989
BYPW1204	5/6/2016 9:16	40.2	25.7	0	34.1	-1.26	979
BYPW1204	5/20/2016 9:34	55.9	23.9	0	20.2	-0.42	982
BYPW1204	5/20/2016 9:36	65.9	28.1	0	6	-3.09	982
BYPW1204	6/6/2016 8:50	43.9	25.9	0.1	30.1	-1.83	990
BYPW1204	7/8/2016 9:17	69.1	29.7	0.1	1.1	-1.04	984
BYPW1204	8/1/2016 13:19	30.4	26.4	0.1	43.1	-4.18	985
BYPW1204	9/13/2016 8:49	56.3	29.8	0.1	13.8	-1.58	979
BYPW1204	10/4/2016 9:16	40.3	27.9	0.5	31.3	-2.45	997
BYPW1204	11/4/2016 9:45	68.6	30.6	0	0.8	-1.83	978
BYPW1204	12/2/2016 9:19	38.2	24.8	0.1	36.9	-1.83	997
BYPW1204	12/19/2016 10:19	71.8	29.8	0	0	-0.06	994
BYPW1204	12/19/2016 10:21	71.8	29.8	0	0	-1.82	995
Count		21	21	21	21	21	21
Max		71.8	31.2	1	44.2	0.75	997
Min		30.4	23.5	0	0	-5.31	951
Ave		57.45714	28.00952	0.2	14.6	-1.802381	982.4286
>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 -		0		0 LOW	0	2.28	99.5	0
<NO VALU -		0		0 LOW	0	2.22	100.4	5
<NO VALU <NO VALU		0		0 LOW	36.42	1.47	61.2	5
<NO VALU <NO VALU		0		0 LOW	0	2.36	100.6	0
<NO VALU <NO VALU		0		0 LOW	0	2.32	100.5	5
<NO VALU <NO VALU		0		0 LOW	2.42	2.4	97.1	5
<NO VALU <NO VALU		0		0 LOW	42.32	1.35	55.3	5
<NO VALU <NO VALU		0		0 LOW	0	2.42	95.3	0
<NO VALU <NO VALU		0		0 LOW	0	2.42	100.1	5
<NO VALU <NO VALU		1		18 LOW	34.1	1.56	65.9	5
<NO VALU <NO VALU		0		0 LOW	20.2	2.34	79.8	0
<NO VALU <NO VALU		0		0 LOW	6	2.35	94	5
<NO VALU <NO VALU		0		0 LOW	29.72	1.69	69.8	5
<NO VALU <NO VALU		0		20 LOW	0.72	2.33	98.8	5
<NO VALU <NO VALU		2		9 LOW	42.72	1.15	56.8	5
<NO VALU <NO VALU		0		22 LOW	13.42	1.89	86.1	5
<NO VALU <NO VALU		0		31 LOW	29.42	1.44	68.2	5
<NO VALU <NO VALU		0		18 LOW	0.8	2.24	99.2	5
<NO VALU <NO VALU		0		4 LOW	36.52	1.54	63	5
<NO VALU <NO VALU		4		5 LOW	0	2.41	101.6	1
<NO VALU <NO VALU		4		5 LOW	0	2.41	101.6	5
0	0	21	21	0	21	21	21	21
0	0	4	31	0	42.72	2.42	101.6	5
0	0	0	0	0	0	1.15	55.3	0
#DIV/0!	#DIV/0!	0.52381	6.285714	#DIV/0!	14.03714	2.028095	85.46667	3.857143

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 1. OK		<NO VALU	<NO VALU	300830.1	204700.4
5 1. OK		<NO VALU	<NO VALU	300830.1	204700.4
0 3. Low CH ₄		<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
0 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
0 500. Routir		<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 2. Rebalan		<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 2. Rebalan		<NO VALU	<NO VALU	300830.1	204700.4
5 1. OK		<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
21	0	0	0		
5	0	0	0		
0	0	0	0		
3.904762	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G:	Vacuum (r
BYPW1205	1/5/2016 12:03	32.3	22.3	10.4	35	13.26
BYPW1205	2/10/2016 12:31	36	31.3	5.8	26.9	11.7
BYPW1205	3/2/2016 8:23	31.5	25.8	8.5	34.2	4.44
BYPW1205	4/7/2016 10:52	17.4	14	14.9	53.7	3.53
	Count	4	4	4	4	4
	Max	36	31.3	14.9	53.7	13.26
	Min	17.4	14	5.8	26.9	3.53
	Ave	29.3	23.35	9.9	37.45	8.2325

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
951	<NO VALU-		2	0 LOW		0	1.45	54.6
964	<NO VALU<NO VALU		9	0 LOW		5.09	1.15	67.3
963	<NO VALU<NO VALU		8	0 LOW		2.24	1.22	57.3
968	<NO VALU<NO VALU		4	0 LOW		0	1.24	31.4
4	0	0	4	4	0	4	4	4
968	0	0	9	0	0	5.09	1.45	67.3
951	0	0	2	0	0	0	1.15	31.4
961.5	#DIV/0!	#DIV/0!	5.75	0	#DIV/0!	1.8325	1.265	52.65

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	0 2. High O2	<NO VALU	<NO VALU	301078.3	204887.4	
0	0 3. Low CH4	<NO VALU	<NO VALU	301078.3	204887.4	
0	0 28. Damag	<NO VALU	<NO VALU	301078.3	204887.4	
0	0 5. Faulty e	<NO VALU	<NO VALU	301078.3	204887.4	
4	4	0	0	0		
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
BYPW1206	1/5/2016 12:05	58.2	39.9	0.3	1.6	-51.58
BYPW1206	2/10/2016 12:35	59	39.3	0.3	1.4	-52.93
BYPW1206	4/7/2016 10:57	60.1	40.6	0.5	0	-54.37
BYPW1206	5/6/2016 13:06	61.7	40	0.2	0	-43.05
BYPW1206	6/6/2016 13:09	57.2	40.3	0.1	2.4	-31.23
BYPW1206	7/8/2016 13:22	60.9	41.2	0	0	-35.56
BYPW1206	8/1/2016 11:20	60.5	41.2	0.1	0	-48.33
BYPW1206	9/13/2016 12:44	61	41.8	0	0	-51.08
BYPW1206	10/4/2016 13:50	60.4	41.3	0	0	-28.15
BYPW1206	11/4/2016 12:32 -	-	-	-	-	-
BYPW1206	12/8/2016 15:10 -	-	-	-	-	-
Count		9	9	9	9	9
Max		61.7	41.8	0.5	2.4	-28.15
Min		57.2	39.3	0	0	-54.37
Ave		59.88889	40.62222	0.166667	0.6	-44.03111

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
949	<NO VALU-		3	0	LOW	0.47	1.46	98.1
964	<NO VALU<NO VALU		4	0	LOW	0.27	1.5	98.3
969	<NO VALU<NO VALU		3	0	LOW	0	1.48	100.7
975	<NO VALU<NO VALU		22	264	LOW	0	1.54	101.7
986	<NO VALU<NO VALU		6	0	LOW	2.02	1.42	97.5
982	<NO VALU<NO VALU		20	203	LOW	0	1.48	102.1
984	<NO VALU<NO VALU		16	147	LOW	0	1.47	101.7
976	<NO VALU<NO VALU		0	271	LOW	0	1.46	102.8
992	<NO VALU<NO VALU		0	244	LOW	0	1.46	101.7
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
9	0	0	9	9	0	9	9	9
992	0	0	22	271	0	2.02	1.54	102.8
949	0	0	0	0	0	0	1.42	97.5
975.2222	#DIV/0!	#DIV/0!	8.222222	125.4444	#DIV/0!	0.306667	1.474444	100.5111

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100	100 1. OK	<NO VALU	<NO VALU	301054.7	204881.5	
100	100 1. OK	<NO VALU	<NO VALU	301054.7	204881.5	
100	100 1. OK	<NO VALU	<NO VALU	301054.7	204881.5	
100	100 500. Routir	<NO VALU	<NO VALU	301054.7	204881.5	
100	100 1. OK	<NO VALU	<NO VALU	301054.7	204881.5	
100	100 1. OK	<NO VALU	<NO VALU	301054.7	204881.5	
100	100 1. OK	<NO VALU	<NO VALU	301054.7	204881.5	
100	100 1. OK	<NO VALU	<NO VALU	301054.7	204881.5	
100	100 1. OK	<NO VALU	<NO VALU	301054.7	204881.5	
-	- 10. Disconi	<NO VALU	<NO VALU	301054.7	204881.5	
-	- 10. Disconi	<NO VALU	<NO VALU	301054.7	204881.5	
9	9	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 Gas	Vacuum (in)
BYPW1207	1/5/2016 12:07	59.7	39.5	0.1	0.7	-51.51
BYPW1207	2/10/2016 12:38	57.7	37.7	0.8	3.8	-53.6
BYPW1207	3/2/2016 8:27	61.1	39.5	0.2	0	-43.17
BYPW1207	4/7/2016 11:00	60.8	40.3	0.4	0	-54.47
BYPW1207	5/6/2016 13:11	58.4	38.3	0.9	2.4	-43.15
BYPW1207	6/6/2016 13:15	52.3	36.8	1.7	9.2	-31.22
BYPW1207	6/6/2016 13:20	53.2	37.1	1.2	8.5	-30.74
BYPW1207	7/8/2016 13:24	59.2	39.8	0.6	0.4	-35.52
BYPW1207	8/1/2016 11:23	61.7	40.9	0	0	-48.22
BYPW1207	9/13/2016 12:47	62.1	40.8	0.1	0	-51.26
BYPW1207	10/4/2016 13:56	58.7	39.1	0.6	1.6	-29.16
BYPW1207	11/4/2016 12:33 -	-	-	-	-	-
BYPW1207	12/8/2016 15:12 -	-	-	-	-	-
Count		5	5	5	5	5
Max		62.1	40.9	1.2	8.5	-29.16
Min		53.2	37.1	0	0	-51.26
Ave		58.98	39.54	0.5	2.1	-38.98

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
949	<NO VALU	-	3	0	LOW	0.32	1.51	99.2
964	<NO VALU	<NO VALU	4	0	LOW	0.79	1.53	95.4
963	<NO VALU	<NO VALU	10	0	LOW	0	1.55	100.6
970	<NO VALU	<NO VALU	4	0	LOW	0	1.51	101.1
975	<NO VALU	<NO VALU	27	180	LOW	0	1.52	96.7
987	<NO VALU	<NO VALU	7	0	LOW	2.81	1.42	89.1
986	<NO VALU	<NO VALU	6	0	LOW	3.99	1.43	90.3
983	<NO VALU	<NO VALU	23	149	LOW	0	1.49	99
985	<NO VALU	<NO VALU	23	110	LOW	0	1.51	102.6
976	<NO VALU	<NO VALU	0	202	LOW	0	1.52	102.9
993	<NO VALU	<NO VALU	0	172	LOW	0	1.5	97.8
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
5	0	0	5	5	0	5	5	5
993	0	0	23	202	0	3.99	1.52	102.9
976	0	0	0	0	0	0	1.43	90.3
984.6	#DIV/0!	#DIV/0!	10.4	126.6	#DIV/0!	0.798	1.49	98.52

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100	100	1. OK	<NO VALU	<NO VALU	301014.6	204874.5	
100	100	1. OK	<NO VALU	<NO VALU	301014.6	204874.5	
100	100	1. OK	<NO VALU	<NO VALU	301014.6	204874.5	
100	100	1. OK	<NO VALU	<NO VALU	301014.6	204874.5	
100	100	500. Routir	<NO VALU	<NO VALU	301014.6	204874.5	
100	50	2. Rebalan	<NO VALU	<NO VALU	301014.6	204874.5	
50	50	1. OK	<NO VALU	<NO VALU	301014.6	204874.5	
100	100	1. OK	<NO VALU	<NO VALU	301014.6	204874.5	
100	100	1. OK	<NO VALU	<NO VALU	301014.6	204874.5	
100	100	1. OK	<NO VALU	<NO VALU	301014.6	204874.5	
100	100	1. OK	<NO VALU	<NO VALU	301014.6	204874.5	
-	-	10. Discon	<NO VALU	<NO VALU	301014.6	204874.5	
-	-	10. Discon	<NO VALU	<NO VALU	301014.6	204874.5	
5	5		0	0	0		
100	100		0	0	0		
50	50		0	0	0		
90	90	#DIV/0!	#DIV/0!	#DIV/0!			

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW1307	1/5/2016 10:00	46.3	36.8	0	16.9	-25.22	949
BYPW1307	2/4/2016 11:01	35	32.1	0	32.9	-31.93	991
BYPW1307	2/24/2016 10:10	57.8	41.5	0	0.7	-0.76	983
BYPW1307	3/10/2016 9:28	42.4	35.5	0	22.1	-16.93	984
BYPW1307	4/12/2016 10:12	58.9	40.3	0.3	0.5	-7.54	969
BYPW1307	4/12/2016 10:14	57.9	40.7	0.3	1.1	-11.89	969
BYPW1307	5/6/2016 9:58	39.7	35	0	25.3	-15.89	976
BYPW1307	5/20/2016 11:59	57.8	38.7	0	3.5	-4.99	980
BYPW1307	6/6/2016 9:40	57.1	39.6	0	3.3	-2.61	986
BYPW1307	7/8/2016 9:56	48.7	38.4	0	12.9	-7.91	980
BYPW1307	8/1/2016 13:00	46.6	38	0	15.4	-8.77	983
BYPW1307	9/13/2016 9:26	51.6	38.9	0	9.5	-13.97	976
BYPW1307	9/13/2016 9:29	51.6	38.6	0	9.8	-16.87	975
BYPW1307	10/4/2016 9:49	47.6	37.1	0.1	15.2	-13.38	992
BYPW1307	11/4/2016 10:35	41.4	36.1	0	22.5	-15.24	975
BYPW1307	12/2/2016 10:15	55.1	35.7	0	9.2	-7.37	992
	Count	16	16	16	16	16	16
	Max	58.9	41.5	0.3	32.9	-0.76	992
	Min	35	32.1	0	0.5	-31.93	949
	Ave	49.71875	37.6875	0.04375	12.55	-12.57938	978.75
	>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 -		0	0	LOW	16.9	1.26	83.1	10
<NO VALU <NO VALU		1	0	LOW	32.9	1.09	67.1	10
<NO VALU <NO VALU		3	3	LOW	0.7	1.39	99.3	5
<NO VALU <NO VALU		2	12	LOW	22.1	1.19	77.9	5
<NO VALU <NO VALU		2	25	LOW	0	1.46	99.2	5
<NO VALU <NO VALU		2	13	LOW	0	1.42	98.6	10
<NO VALU <NO VALU		9	Off upper s	LOW	25.3	1.13	74.7	10
<NO VALU <NO VALU		3	0	LOW	3.5	1.49	96.5	5
<NO VALU <NO VALU		3	0	LOW	3.3	1.44	96.7	5
<NO VALU <NO VALU		9	438	LOW	12.9	1.27	87.1	5
<NO VALU <NO VALU		8	228	LOW	15.4	1.23	84.6	5
<NO VALU <NO VALU		0	Off upper s	LOW	9.5	1.33	90.5	5
<NO VALU <NO VALU		0	Off upper s	LOW	9.8	1.34	90.2	10
<NO VALU <NO VALU		0	Off upper s	LOW	14.82	1.28	84.7	10
<NO VALU <NO VALU		6	157	LOW	22.5	1.15	77.5	10
<NO VALU <NO VALU		7	46	LOW	9.2	1.54	90.8	10
0	0	16	12	0	16	16	16	16
0	0	9	438	0	32.9	1.54	99.3	10
0	0	0	0	0	0	1.09	67.1	5
#DIV/0!	#DIV/0!	3.4375	76.83333	#DIV/0!	12.42625	1.313125	87.40625	7.5

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
10 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
5 3. Low CH ₄		<NO VALU	<NO VALU	300947.9	204730.2
5 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
5 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
10 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
10 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
5 500. Routir		<NO VALU	<NO VALU	300947.9	204730.2
5 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
5 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
5 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
5 1. OK		<NO VALU	<NO VALU	300947.9	204730.2
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
16	0	0	0		
10	0	0	0		
5	0	0	0		
7.5	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW1308	1/12/2016 8:25	46.5	35.6	0.8	17.1	-37.41	962
BYPW1308	3/10/2016 9:39	49.9	38	0	12.1	-32.1	984
BYPW1308	4/12/2016 10:32	55.2	39.7	0.7	4.4	-16.87	969
BYPW1308	5/6/2016 12:01	54.4	39.2	0.1	6.3	-17.77	975
BYPW1308	6/6/2016 10:08	56.6	39.9	0.1	3.4	-12.95	985
BYPW1308	7/15/2016 8:07	53.7	39.8	0.1	6.4	-16.4	991
BYPW1308	8/1/2016 11:46	50.4	37.9	0.1	11.6	-25.26	982
BYPW1308	9/13/2016 12:56	51.9	38.6	0.1	9.4	-25.13	974
BYPW1308	9/13/2016 12:57	51.9	38.6	0	9.5	-28.63	974
BYPW1308	10/4/2016 13:06	50.3	37.5	0.3	11.9	-20.76	995
BYPW1308	11/8/2016 7:40	50.3	38.1	0.2	11.4	-20.25	971
BYPW1308	12/2/2016 12:29	57	36.1	0.1	6.8	-11.68	991
Count		12	12	12	12	12	12
Max		57	39.9	0.8	17.1	-11.68	995
Min		46.5	35.6	0	3.4	-37.41	962
Ave		52.34167	38.25	0.216667	9.191667	-22.10083	979.4167
>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	2	0	LOW	14.09	1.31	82.1	10
<NO VALU	<NO VALU	1	0	LOW	12.1	1.31	87.9	10
<NO VALU	<NO VALU	2	0	LOW	1.77	1.39	94.9	10
<NO VALU	<NO VALU	10	41	LOW	5.92	1.39	93.6	10
<NO VALU	<NO VALU	4	0	LOW	3.02	1.42	96.5	10
<NO VALU	<NO VALU	5	31	LOW	6.02	1.35	93.5	10
<NO VALU	<NO VALU	7	10	LOW	11.22	1.33	88.3	10
<NO VALU	<NO VALU	0	20	LOW	9.02	1.34	90.5	10
<NO VALU	<NO VALU	0	22	LOW	9.5	1.34	90.5	20
<NO VALU	<NO VALU	0	16	LOW	10.77	1.34	87.8	20
<NO VALU	<NO VALU	0	0	LOW	10.65	1.32	88.4	20
<NO VALU	<NO VALU	10	10	LOW	6.42	1.58	93.1	20
0	0	12	12	0	12	12	12	12
0	0	10	41	0	14.09	1.58	96.5	20
0	0	0	0	0	1.77	1.31	82.1	10
#DIV/0!	#DIV/0!	3.416667	12.5	#DIV/0!	8.375	1.368333	90.59167	13.33333

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
10 1. OK		<NO VALU	<NO VALU	300949.5	204780.5
10 1. OK		<NO VALU	<NO VALU	300949.5	204780.5
10 1. OK		<NO VALU	<NO VALU	300949.5	204780.5
10 500. Routir		<NO VALU	<NO VALU	300949.5	204780.5
10 1. OK		<NO VALU	<NO VALU	300949.5	204780.5
10 1. OK		<NO VALU	<NO VALU	300949.5	204780.5
10 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
12	0	0	0		
20	0	0	0		
10	0	0	0		
14.16667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Macuum (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	1/12/2016 8:42	42.1	29.3	0.2	28.4	-15.28
BYPW0702	2/10/2016 12:06	39.8	28.5	0	31.7	-9.25
BYPW0702	2/24/2016 13:18	64.1	34.8	0	1.1	1.43
BYPW0702	2/24/2016 13:19	63.7	35	0	1.3	-0.39
BYPW0702	3/10/2016 9:54	52.4	33.9	0	13.7	-6.39
BYPW0702	4/12/2016 10:48	57.6	36.6	0.1	5.7	-4.52
BYPW0702	5/6/2016 12:12	47	31	0.1	21.9	-4.3
BYPW0702	6/6/2016 12:20	52.3	32.8	0.1	14.8	-2.77
BYPW0702	7/15/2016 8:18	48.1	33.9	0.1	17.9	-2.95
BYPW0702	8/1/2016 11:59	39.1	32.8	0	28.1	-4.72
BYPW0702	8/12/2016 11:28	64.9	36	0.1	0	0.27
BYPW0702	8/12/2016 11:30	64.7	36.1	0.1	0	-1.05
BYPW0702	9/13/2016 13:11	56.1	37	0.1	6.8	-1.1
BYPW0702	10/4/2016 13:20	54.3	34.8	0.1	10.8	-3.82
BYPW0702	11/8/2016 7:52	47	33.5	0.1	19.4	-4.22
BYPW0702	12/2/2016 12:40	59	34.1	0.1	6.8	-2.71
Count		16	16	16	16	16
Max		64.9	37	0.2	31.7	1.43
Min		39.1	28.5	0	0	-15.28
Ave		53.2625	33.75625	0.075	13.025	-3.860625
>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
961	<NO VALU	<NO VALU	0	0	LOW	27.65	1.44	71.4
963	<NO VALU	<NO VALU	0	0	LOW	31.7	1.4	68.3
980	<NO VALU	<NO VALU	0	0	LOW	1.1	1.84	98.9
980	<NO VALU	<NO VALU	0	0	LOW	1.3	1.82	98.7
983	<NO VALU	<NO VALU	0	0	LOW	13.7	1.55	86.3
969	<NO VALU	<NO VALU	0	0	LOW	5.32	1.57	94.2
975	<NO VALU	<NO VALU	7	15	LOW	21.52	1.52	78
986	<NO VALU	<NO VALU	2	0	LOW	14.42	1.59	85.1
990	<NO VALU	<NO VALU	0	13	LOW	17.52	1.42	82
983	<NO VALU	<NO VALU	4	11	LOW	28.1	1.19	71.9
989	<NO VALU	<NO VALU	0	10	LOW	0	1.8	100.9
989	<NO VALU	<NO VALU	0	11	LOW	0	1.79	100.8
974	<NO VALU	<NO VALU	0	24	LOW	6.42	1.52	93.1
992	<NO VALU	<NO VALU	0	25	LOW	10.42	1.56	89.1
971	<NO VALU	<NO VALU	0	0	LOW	19.02	1.4	80.5
990	<NO VALU	<NO VALU	8	6	LOW	6.42	1.73	93.1
16	0	0	16	16	0	16	16	16
992	0	0	8	25	0	31.7	1.84	100.9
961	0	0	0	0	0	0	1.19	68.3
979.6875	#DIV/0!	#DIV/0!	1.3125	7.1875	#DIV/0!	12.78813	1.57125	87.01875

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
5	5	1. OK	<NO VALU	<NO VALU	300900.3	204919.6
5	0	3. Low CH ₄	<NO VALU	<NO VALU	300900.3	204919.6
0	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	500. Routir	<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	1	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
16	16		0	0	0	
5	5		0	0	0	
0	0		0	0	0	
4.4375	4.4375	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (r	Atm Press
BYPW0703	1/12/2016 8:48	58.2	41.5	0.1	0.2	-58.62	961
BYPW0703	2/10/2016 12:11	57.9	41.8	0.1	0.2	-50.74	963
BYPW0703	3/10/2016 9:59	56.9	41.7	0.2	1.2	-65.69	983
BYPW0703	4/12/2016 10:56	55.2	41.9	0.8	2.1	-29.24	968
BYPW0703	5/6/2016 12:19	57.8	42.4	0.1	0	-39.9	974
BYPW0703	6/6/2016 12:24	55	41.8	0.1	3.1	-29.8	986
BYPW0703	7/15/2016 8:24	58.2	42.9	0.1	0	-31.48	990
BYPW0703	8/1/2016 12:05	57.7	42.7	0	0	-49.42	983
BYPW0703	9/13/2016 13:15	59.3	42.2	0.1	0	-30.54	974
BYPW0703	10/4/2016 13:24	57.7	42.3	0.1	0	-28.57	992
BYPW0703	11/8/2016 7:56	56.9	43.1	0.1	0	-31.31	971
BYPW0703	12/2/2016 12:45	56.9	38.7	0.1	4.3	-32.92	990
	Count	12	12	12	12	12	12
	Max	59.3	43.1	0.8	4.3	-28.57	992
	Min	55	38.7	0	0	-65.69	961
	Ave	57.30833	41.91667	0.158333	0.925	-39.8525	977.9167
	>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	0	0	LOW	0	1.4	99.7	100
<NO VALU	<NO VALU	0	0	LOW	0	1.39	99.7	100
<NO VALU	<NO VALU	0	0	LOW	0.45	1.36	98.6	100
<NO VALU	<NO VALU	2	0	LOW	0	1.32	97.1	100
<NO VALU	<NO VALU	12	102	LOW	0	1.36	100.2	100
<NO VALU	<NO VALU	4	0	LOW	2.72	1.32	96.8	100
<NO VALU	<NO VALU	5	89	LOW	0	1.36	101.1	100
<NO VALU	<NO VALU	8	81	LOW	0	1.35	100.4	100
<NO VALU	<NO VALU	0	178	LOW	0	1.41	101.5	100
<NO VALU	<NO VALU	0	220	LOW	0	1.36	100	100
<NO VALU	<NO VALU	0	0	LOW	0	1.32	100	100
<NO VALU	<NO VALU	12	39	LOW	3.92	1.47	95.6	100
0	0	12	12	0	12	12	12	12
0	0	12	220	0	3.92	1.47	101.5	100
0	0	0	0	0	0	1.32	95.6	100
#DIV/0!	#DIV/0!	3.583333	59.08333	#DIV/0!	0.590833	1.368333	99.225	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
100 500. Routir		<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	1/12/2016 8:50	43.8	33.7	0.1	22.4	-28.38	961
BYPW0704	2/10/2016 12:13	47.6	33.5	0.1	18.8	-24.88	962
BYPW0704	3/10/2016 10:01	48.4	34.3	0	17.3	-34.73	983
BYPW0704	4/12/2016 10:59	54.7	36.9	0.4	8	-11.87	968
BYPW0704	5/6/2016 12:21	45.5	34.8	0	19.7	-15.7	974
BYPW0704	6/6/2016 12:26	56.9	38.7	0.1	4.3	-5.5	985
BYPW0704	7/15/2016 8:26	55.2	39.2	0.1	5.5	-7.05	990
BYPW0704	8/1/2016 12:07	45.3	36.1	0	18.6	-11.07	982
BYPW0704	9/13/2016 13:17	54.2	38.3	0.1	7.4	-6.8	973
BYPW0704	9/13/2016 13:19	54	38.2	0	7.8	-13.51	974
BYPW0704	10/4/2016 13:26	58.6	40.5	0	0.9	-10.88	991
BYPW0704	11/8/2016 7:59	39	33.9	0.1	27	-16.79	971
BYPW0704	12/2/2016 12:47	57.8	38.2	0.1	3.9	-2.58	990
	Count	13	13	13	13	13	13
	Max	58.6	40.5	0.4	27	-2.58	991
	Min	39	33.5	0	0.9	-34.73	961
	Ave	50.84615	36.63846	0.084615	12.43077	-14.59538	977.2308

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	22.02	1.3	77.5	30
<NO VALU	<NO VALU	0	0	LOW	18.42	1.42	81.1	30
<NO VALU	<NO VALU	0	0	LOW	17.3	1.41	82.7	30
<NO VALU	<NO VALU	0	0	LOW	6.5	1.48	91.6	30
<NO VALU	<NO VALU	9	68	LOW	19.7	1.31	80.3	30
<NO VALU	<NO VALU	2	0	LOW	3.92	1.47	95.6	30
<NO VALU	<NO VALU	3	70	LOW	5.12	1.41	94.4	30
<NO VALU	<NO VALU	5	50	LOW	18.6	1.25	81.4	30
<NO VALU	<NO VALU	0	103	LOW	7.02	1.42	92.5	30
<NO VALU	<NO VALU	0	105	LOW	7.8	1.41	92.2	40
<NO VALU	<NO VALU	0	107	LOW	0.9	1.45	99.1	40
<NO VALU	<NO VALU	0	0	LOW	26.62	1.15	72.9	40
<NO VALU	<NO VALU	12	25	LOW	3.52	1.51	96	20
0	0	13	13	0	13	13	13	13
0	0	12	107	0	26.62	1.51	99.1	40
0	0	0	0	0	0.9	1.15	72.9	20
#DIV/0!	#DIV/0!	2.384615	40.61538	#DIV/0!	12.11077	1.383846	87.48462	31.53846

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
30 500. Routir		<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
20 2. Rebalan		<NO VALU	<NO VALU	300929.1	204890.3
20 1. OK		<NO VALU	<NO VALU	300929.1	204890.3
13	0	0	0		
40	0	0	0		
20	0	0	0		
30.76923	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW0705	1/12/2016 9:09	67.2	33.5	0.2	0	-58.12	961
BYPW0705	1/12/2016 9:10	66.3	33.9	0.2	0	-56.73	962
BYPW0705	1/20/2016 11:06	66.7	32.9	0.1	0.3	-49.86	983
BYPW0705	1/20/2016 11:09	66.3	33.2	0	0.5	-50.42	983
BYPW0705	2/10/2016 12:15	67.5	32.3	0.1	0.1	-50.25	963
BYPW0705	3/10/2016 10:03	66.8	33	0.1	0.1	-64.26	983
BYPW0705	4/12/2016 11:07	64.1	33.3	0.7	1.9	-29.28	969
BYPW0705	5/6/2016 12:24	65	33.7	0.1	1.2	-40.81	974
BYPW0705	6/6/2016 12:50	63.8	33.6	0.1	2.5	-29.97	986
BYPW0705	7/15/2016 8:52	65	34.9	0.4	0	-31.02	990
BYPW0705	8/1/2016 12:15	65.8	35.2	0	0	-49.4	983
BYPW0705	9/13/2016 13:27	65.1	35.4	0.1	0	-21.3	973
BYPW0705	10/4/2016 13:37	64.7	35.1	0.1	0.1	-27.09	991
BYPW0705	11/8/2016 8:09	65.1	35.4	0.2	0	-32.91	971
BYPW0705	12/2/2016 13:13	64.3	32.2	0.1	3.4	-34.47	989
	Count	15	15	15	15	15	15
	Max	67.5	35.4	0.7	3.4	-21.3	991
	Min	63.8	32.2	0	0	-64.26	961
	Ave	65.58	33.84	0.166667	0.673333	-41.726	977.4

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	0	2.01	100.7	20
<NO VALU	<NO VALU	0	0	LOW	0	1.96	100.2	50
<NO VALU	<NO VALU	0	0	LOW	0	2.03	99.6	50
<NO VALU	<NO VALU	0	0	LOW	0.5	2	99.5	100
<NO VALU	<NO VALU	0	0	LOW	0	2.09	99.8	100
<NO VALU	<NO VALU	0	0	LOW	0	2.02	99.8	100
<NO VALU	<NO VALU	0	0	LOW	0	1.92	97.4	100
<NO VALU	<NO VALU	9	29	LOW	0.82	1.93	98.7	100
<NO VALU	<NO VALU	0	0	LOW	2.12	1.9	97.4	100
<NO VALU	<NO VALU	5	26	LOW	0	1.86	99.9	100
<NO VALU	<NO VALU	5	22	LOW	0	1.87	101	100
<NO VALU	<NO VALU	0	31	LOW	0	1.84	100.5	100
<NO VALU	<NO VALU	0	70	LOW	0	1.84	99.8	100
<NO VALU	<NO VALU	0	2	LOW	0	1.84	100.5	100
<NO VALU	<NO VALU	4	11	LOW	3.02	2	96.5	100
0	0	15	15	0	15	15	15	15
0	0	9	70	0	3.02	2.09	101	100
0	0	0	0	0	0	1.84	96.5	20
#DIV/0!	#DIV/0!	1.533333	12.73333	#DIV/0!	0.430667	1.940667	99.42	88

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
50 1. OK		<NO VALU	<NO VALU	300950.9 204868.6
50 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
100 500. Routir		<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
15	0	0	0	
100	0	0	0	
50	0	0	0	
93.33333	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPW0706	1/12/2016 9:13	64	36.3	0.1	0	-58.02	962
BYPW0706	2/10/2016 12:17	62.7	37	0	0.3	-50.72	963
BYPW0706	3/10/2016 12:45	60.4	38.1	0.1	1.4	-46.93	984
BYPW0706	4/12/2016 11:27	57.7	38.3	1	3	-28.83	969
BYPW0706	5/6/2016 12:47	59.3	40	0.1	0.6	-41.59	973
BYPW0706	6/6/2016 12:53	57.5	39.7	0	2.8	-30.06	985
BYPW0706	7/15/2016 8:50	60	41.4	0	0	-31.58	990
BYPW0706	8/1/2016 12:18	59.1	41.5	0	0	-48.12	983
BYPW0706	9/13/2016 13:30	59.3	41.4	0.1	0	-30.16	974
BYPW0706	10/4/2016 13:39	59	40.9	0	0.1	-27.05	991
BYPW0706	11/8/2016 8:11	58.7	41.5	0.1	0	-32.66	972
BYPW0706	12/2/2016 13:17	58.1	38	0.1	3.8	-30.85	990
	Count	12	12	12	12	12	12
	Max	64	41.5	1	3.8	-27.05	991
	Min	57.5	36.3	0	0	-58.02	962
	Ave	59.65	39.50833	0.133333	1	-38.0475	978

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	0	1.76	100.3	100
<NO VALU	<NO VALU	0	0	LOW	0.3	1.69	99.7	100
<NO VALU	<NO VALU	1	0	LOW	1.02	1.59	98.5	100
<NO VALU	<NO VALU	1	0	LOW	0	1.51	96	100
<NO VALU	<NO VALU	11	34	LOW	0.22	1.48	99.3	100
<NO VALU	<NO VALU	1	0	LOW	2.8	1.45	97.2	100
<NO VALU	<NO VALU	8	38	LOW	0	1.45	101.4	100
<NO VALU	<NO VALU	6	41	LOW	0	1.42	100.6	100
<NO VALU	<NO VALU	0	56	LOW	0	1.43	100.7	100
<NO VALU	<NO VALU	0	48	LOW	0.1	1.44	99.9	100
<NO VALU	<NO VALU	0	0	LOW	0	1.41	100.2	100
<NO VALU	<NO VALU	9	9	LOW	3.42	1.53	96.1	100
0	0	12	12	0	12	12	12	12
0	0	11	56	0	3.42	1.76	101.4	100
0	0	0	0	0	0	1.41	96	100
#DIV/0!	#DIV/0!	3.083333	18.83333	#DIV/0!	0.655	1.513333	99.15833	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
100 500. Routir		<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 (in Atm Pressu	
BYPW0707	1/12/2016 9:16	0.5	4.7	20.6	74.2	-4.66	962
BYPW0707	2/10/2016 12:19	0.7	3	19.4	76.9	0.35	963
BYPW0707	3/10/2016 12:48	0.9	2.8	18.8	77.5	-0.38	985
BYPW0707	4/12/2016 11:29	0.3	2.3	19.1	78.3	-0.13	970
	Count	4	4	4	4	4	4
	Max	0.9	4.7	20.6	78.3	0.35	985
	Min	0.3	2.3	18.8	74.2	-4.66	962
	Ave	0.6	3.2	19.475	76.725	-1.205	970

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	0	0.11	5.2	0
<NO VALU	<NO VALU	0	0	LOW	3.96	0.23	3.7	0
<NO VALU	<NO VALU	0	0	LOW	6.81	0.32	3.7	0
<NO VALU	<NO VALU	0	0	LOW	6.48	0.13	2.6	0
0	0	4	4	0	4	4	4	4
0	0	0	0	0	6.81	0.32	5.2	0
0	0	0	0	0	0	0.11	2.6	0
#DIV/0!	#DIV/0!	0	0	#DIV/0!	4.3125	0.1975	3.8	0

Comment	X GPS	Y GPS	CH4 + CO2 (%)
0 3. Low CH4 <NO VALU	<NO VALU	<NO VALU	300952.3 204829.3
0 3. Low CH4 <NO VALU	<NO VALU	<NO VALU	300952.3 204829.3
0 3. Low CH4 <NO VALU	<NO VALU	<NO VALU	300952.3 204829.3
0 3. Investigate	<NO VALU	<NO VALU	300952.3 204829.3
4	0	0	0
0	0	0	0
0	0	0	0
0	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (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 (in Atm Pressu	
BYPW1001	1/12/2016 10:49	35.5	32.5	0.1	31.9	-4.09	962
BYPW1001	2/4/2016 14:41	32.5	30.9	0.1	36.5	-3.99	989
BYPW1001	3/1/2016 15:10	58.7	39.6	0	1.7	0.56	969
BYPW1001	3/1/2016 15:12	58.2	40.1	0	1.7	0	968
BYPW1001	4/12/2016 13:08	59.7	41.1	0.1	0	-1.11	969
BYPW1001	5/12/2016 9:08	39.1	32	0	28.9	-2.63	967
BYPW1001	6/6/2016 13:57	56.2	39.8	0.3	3.7	0.36	984
BYPW1001	6/6/2016 13:59	55.2	39.6	0.4	4.8	-0.42	984
BYPW1001	7/15/2016 9:09	47.1	35.4	0	17.5	-0.68	989
BYPW1001	8/1/2016 9:09	32.4	32	0.2	35.4	-3.08	983
BYPW1001	8/12/2016 11:02	59.2	40.9	0.2	0	-0.26	989
BYPW1001	9/13/2016 10:42	45.2	36.5	0.1	18.2	-1.78	974
BYPW1001	10/4/2016 10:49	47.9	36.1	0.1	15.9	-1.14	991
BYPW1001	11/4/2016 13:02	39.7	32.8	0.1	27.4	-1.43	972
BYPW1001	12/2/2016 13:31	37.5	29.5	0.2	32.8	-0.98	989
BYPW1001	12/19/2016 9:01	60.2	42.2	0.1	0	0.06	991
BYPW1001	12/19/2016 9:03	60	42.2	0.1	0	-0.64	991
	Count	17	17	17	17	17	17
	Max	60.2	42.2	0.4	36.5	0.56	991
	Min	32.4	29.5	0	0	-4.09	962
	Ave	48.48824	36.65882	0.123529	15.08235	-1.25	980.0588

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	31.52	1.09	68	5
<NO VALU	<NO VALU	0	0	LOW	36.12	1.05	63.4	5
<NO VALU	<NO VALU	1	0	LOW	1.7	1.48	98.3	0
<NO VALU	<NO VALU	1	0	LOW	1.7	1.45	98.3	5
<NO VALU	<NO VALU	1	0	LOW	0	1.45	100.8	5
<NO VALU	<NO VALU	6	44	LOW	28.9	1.22	71.1	5
<NO VALU	<NO VALU	3	0	LOW	2.57	1.41	96	1
<NO VALU	<NO VALU	3	0	LOW	3.3	1.39	94.8	5
<NO VALU	<NO VALU	4	20	LOW	17.5	1.33	82.5	5
<NO VALU	<NO VALU	2	13	LOW	34.65	1.01	64.4	5
<NO VALU	<NO VALU	0	154	LOW	0	1.45	100.1	1
<NO VALU	<NO VALU	0	52	LOW	17.82	1.24	81.7	1
<NO VALU	<NO VALU	0	94	LOW	15.52	1.33	84	1
<NO VALU	<NO VALU	8	11	LOW	27.02	1.21	72.5	1
<NO VALU	<NO VALU	8	4	LOW	32.05	1.27	67	1
<NO VALU	<NO VALU	10	16	LOW	0	1.43	102.4	0
<NO VALU	<NO VALU	10	22	LOW	0	1.42	102.2	5
0	0	17	17	0	17	17	17	17
0	0	10	154	0	36.12	1.48	102.4	5
0	0	0	0	0	0	1.01	63.4	0
#DIV/0!	#DIV/0!	3.352941	25.29412	#DIV/0!	14.72765	1.307647	85.14706	3

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0 3. Low CH ₄	<NO VALU	<NO VALU	300960.2	205070.3	
0 3. Low CH ₄	<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	
1 500. Routir	<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	
1 1. OK	<NO VALU	<NO VALU	300960.2	205070.3	
1 1. OK	<NO VALU	<NO VALU	300960.2	205070.3	
1 2. Rebalan	<NO VALU	<NO VALU	300960.2	205070.3	
0 2. Rebalan	<NO VALU	<NO VALU	300960.2	205070.3	
5 1. OK	<NO VALU	<NO VALU	300960.2	205070.3	
5 1. OK	<NO VALU	<NO VALU	300960.2	205070.3	
17	0	0	0		
5	0	0	0		
0	0	0	0		
2.705882	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW1002	1/12/2016 10:46	41.2	32.2	0.1	26.5	-15.23	963
BYPW1002	1/20/2016 10:37	42.1	31.7	0.1	26.1	-11.5	983
BYPW1002	2/4/2016 14:38	37	30.5	0.1	32.4	-14.17	989
BYPW1002	3/1/2016 15:05	56.9	34.9	0	8.2	-3.94	969
BYPW1002	3/1/2016 15:07	56.7	35.1	0	8.2	-3.5	969
BYPW1002	4/12/2016 13:05	57.4	36.9	0.2	5.5	-1.62	969
BYPW1002	5/12/2016 9:05	44	33.2	0	22.8	-8.29	968
BYPW1002	6/6/2016 13:54	53.1	34.1	0	12.8	-1.52	985
BYPW1002	7/15/2016 9:29	51.7	35.4	0	12.9	-5.44	990
BYPW1002	8/1/2016 9:06	41.6	34.1	0.1	24.2	-9.16	983
BYPW1002	9/13/2016 10:37	57	37.5	0	5.5	-6.4	974
BYPW1002	9/13/2016 10:40	56.6	37.2	0	6.2	-4.43	974
BYPW1002	10/4/2016 10:46	51.7	35.8	0.1	12.4	-5.35	991
BYPW1002	11/4/2016 13:05	43.1	33.5	0.1	23.3	-2.76	971
BYPW1002	12/2/2016 13:29	43.2	29.9	0.1	26.8	-4.05	989
BYPW1002	12/19/2016 8:56	60.2	42.2	0.1	0	-0.14	991
BYPW1002	12/19/2016 8:58	60.5	41.7	0.1	0	-1.7	991
	Count	17	17	17	17	17	17
	Max	60.5	42.2	0.2	32.4	-0.14	991
	Min	37	29.9	0	0	-15.23	963
	Ave	50.23529	35.05294	0.064706	14.92941	-5.835294	979.3529

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	26.12	1.28	73.4	35
<NO VALU	<NO VALU	0	0	LOW	25.72	1.33	73.8	30
<NO VALU	<NO VALU	0	0	LOW	32.02	1.21	67.5	30
<NO VALU	<NO VALU	0	0	LOW	8.2	1.63	91.8	20
<NO VALU	<NO VALU	0	0	LOW	8.2	1.62	91.8	30
<NO VALU	<NO VALU	0	0	LOW	4.75	1.56	94.3	30
<NO VALU	<NO VALU	6	28	LOW	22.8	1.33	77.2	30
<NO VALU	<NO VALU	3	0	LOW	12.8	1.56	87.2	30
<NO VALU	<NO VALU	4	32	LOW	12.9	1.46	87.1	30
<NO VALU	<NO VALU	1	28	LOW	23.82	1.22	75.7	30
<NO VALU	<NO VALU	0	55	LOW	5.5	1.52	94.5	20
<NO VALU	<NO VALU	0	57	LOW	6.2	1.52	93.8	30
<NO VALU	<NO VALU	0	58	LOW	12.02	1.44	87.5	30
<NO VALU	<NO VALU	6	16	LOW	22.92	1.29	76.6	30
<NO VALU	<NO VALU	7	8	LOW	26.42	1.44	73.1	30
<NO VALU	<NO VALU	10	21	LOW	0	1.43	102.4	10
<NO VALU	<NO VALU	9	22	LOW	0	1.45	102.2	20
0	0	17	17	0	17	17	17	17
0	0	10	58	0	32.02	1.63	102.4	35
0	0	0	0	0	0	1.21	67.5	10
#DIV/0!	#DIV/0!	2.705882	19.11765	#DIV/0!	14.72882	1.428824	85.28824	27.35294

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
30 1. OK		<NO VALU	<NO VALU	300940.2	205038.4
30 1. OK		<NO VALU	<NO VALU	300940.2	205038.4
20 3. Low CH4		<NO VALU	<NO VALU	300940.2	205038.4
30 1. OK		<NO VALU	<NO VALU	300940.2	205038.4
30 1. OK		<NO VALU	<NO VALU	300940.2	205038.4
30 1. OK		<NO VALU	<NO VALU	300940.2	205038.4
30 500. Routir		<NO VALU	<NO VALU	300940.2	205038.4
30 1. OK		<NO VALU	<NO VALU	300940.2	205038.4
30 1. OK		<NO VALU	<NO VALU	300940.2	205038.4
20 1. OK		<NO VALU	<NO VALU	300940.2	205038.4
30 1. OK		<NO VALU	<NO VALU	300940.2	205038.4
30 1. OK		<NO VALU	<NO VALU	300940.2	205038.4
30 1. OK		<NO VALU	<NO VALU	300940.2	205038.4
10 2. Rebalan		<NO VALU	<NO VALU	300940.2	205038.4
20 1. OK		<NO VALU	<NO VALU	300940.2	205038.4
20 1. OK		<NO VALU	<NO VALU	300940.2	205038.4
17	0	0	0		
30	0	0	0		
10	0	0	0		
26.47059	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in Atm Pressu	
BYPW1003	1/12/2016 10:44	42.6	34.4	0	23	-17.96	962
BYPW1003	1/20/2016 10:39	49.6	38	0	12.4	-2.56	983
BYPW1003	1/20/2016 10:41	49	38.1	0.1	12.8	-2.82	983
BYPW1003	2/4/2016 14:36	41.5	31.9	0.1	26.5	-21.02	989
BYPW1003	3/1/2016 15:03	55	36.8	0	8.2	-4.67	969
BYPW1003	4/12/2016 13:01	56.6	38.3	0.2	4.9	-2.2	969
BYPW1003	4/12/2016 13:02	56	39.6	0.2	4.2	-5.04	969
BYPW1003	5/12/2016 9:02	45.5	34	0	20.5	-12.41	967
BYPW1003	6/6/2016 13:47	51.7	36	0	12.3	-4.01	984
BYPW1003	7/15/2016 9:27	52.6	37	0	10.4	-5.77	989
BYPW1003	8/1/2016 9:04	40.9	33.6	0.2	25.3	-19.07	983
BYPW1003	8/12/2016 11:18	59.7	41	0.1	0	0.26	988
BYPW1003	8/12/2016 11:20	59.9	40.9	0.1	0	-1.91	988
BYPW1003	9/13/2016 10:35	52.8	36.5	0	10.7	-14.05	975
BYPW1003	10/4/2016 10:44	51	36.6	0.1	12.3	-8.4	992
BYPW1003	11/4/2016 13:07	43.7	34.7	0.1	21.5	-10.59	972
BYPW1003	12/2/2016 13:26	50	32.7	0.1	17.2	-4.95	989
BYPW1003	12/19/2016 8:51	60.3	41.9	0.1	0	-2.4	991
BYPW1003	12/19/2016 8:53	60.5	42	0.1	0	-4.22	991
	Count	19	19	19	19	19	19
	Max	60.5	42	0.2	26.5	0.26	992
	Min	40.9	31.9	0	0	-21.02	962
	Ave	51.52105	37.05263	0.078947	11.69474	-7.567895	980.6842

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	23	1.24	77	50
<NO VALU	<NO VALU	0	0	LOW	12.4	1.31	87.6	0
<NO VALU	<NO VALU	0	0	LOW	12.42	1.29	87.1	5
<NO VALU	<NO VALU	0	0	LOW	26.12	1.3	73.4	50
<NO VALU	<NO VALU	1	0	LOW	8.2	1.49	91.8	30
<NO VALU	<NO VALU	0	0	LOW	4.15	1.48	94.9	30
<NO VALU	<NO VALU	0	1	LOW	3.45	1.41	95.6	50
<NO VALU	<NO VALU	6	36	LOW	20.5	1.34	79.5	50
<NO VALU	<NO VALU	3	0	LOW	12.3	1.44	87.7	50
<NO VALU	<NO VALU	5	43	LOW	10.4	1.42	89.6	50
<NO VALU	<NO VALU	0	4	LOW	24.55	1.22	74.5	50
<NO VALU	<NO VALU	0	90	LOW	0	1.46	100.7	30
<NO VALU	<NO VALU	0	98	LOW	0	1.46	100.8	50
<NO VALU	<NO VALU	0	96	LOW	10.7	1.45	89.3	50
<NO VALU	<NO VALU	0	99	LOW	11.92	1.39	87.6	50
<NO VALU	<NO VALU	7	13	LOW	21.12	1.26	78.4	50
<NO VALU	<NO VALU	8	10	LOW	16.82	1.53	82.7	50
<NO VALU	<NO VALU	13	44	LOW	0	1.44	102.2	40
<NO VALU	<NO VALU	14	44	LOW	0	1.44	102.5	50
0	0	19	19	0	19	19	19	19
0	0	14	99	0	26.12	1.53	102.5	50
0	0	0	0	0	0	1.22	73.4	0
#DIV/0!	#DIV/0!	3	30.42105	#DIV/0!	11.47632	1.387895	88.57368	41.31579

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
50 1. OK		<NO VALU	<NO VALU	300923.1	205008.8
5 1. OK		<NO VALU	<NO VALU	300923.1	205008.8
5 1. OK		<NO VALU	<NO VALU	300923.1	205008.8
30 3. Low CH ₄		<NO VALU	<NO VALU	300923.1	205008.8
30 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
50 500. Routir		<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 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
50 1. OK		<NO VALU	<NO VALU	300923.1	205008.8
50 1. OK		<NO VALU	<NO VALU	300923.1	205008.8
50 1. OK		<NO VALU	<NO VALU	300923.1	205008.8
40 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
19	0	0	0		
50	0	0	0		
5	0	0	0		
41.57895	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Press)	
BYPW1004	1/12/2016 10:33	57.5	41.9	0	0.6	-68.16	961
BYPW1004	2/4/2016 14:22	57.3	40.9	0.1	1.7	-76.91	989
BYPW1004	3/1/2016 14:52	57.1	40.9	0	2	-44.82	969
BYPW1004	4/12/2016 12:48	54.8	41.2	1.1	2.9	-34.89	969
BYPW1004	5/12/2016 8:49	58.8	42.7	0.1	0	-42.91	967
BYPW1004	6/6/2016 13:35	56	40.7	0.1	3.2	-30.2	984
BYPW1004	7/15/2016 9:14	59.9	42.5	0	0	-31.13	989
BYPW1004	7/15/2016 9:16	60.3	42.4	0	0	-31.15	989
BYPW1004	8/1/2016 9:22	58.1	42.8	0.1	0	-70.3	982
BYPW1004	9/13/2016 11:53	59.8	42.9	0.1	0	-51.98	974
BYPW1004	10/4/2016 11:17	60.3	42	0.1	0	-29.52	991
BYPW1004	11/4/2016 12:59	59	42.2	0.2	0	-33.8	971
BYPW1004	12/2/2016 13:41	59.3	38.4	0.1	2.2	-38.34	989
	Count	13	13	13	13	13	13
	Max	60.3	42.9	1.1	3.2	-29.52	991
	Min	54.8	38.4	0	0	-76.91	961
	Ave	58.32308	41.65385	0.153846	0.969231	-44.93154	978.7692

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart val
<NO VALU	<NO VALU	5	0	LOW	0.6	1.37	99.4	100
<NO VALU	<NO VALU	5	0	LOW	1.32	1.4	98.2	100
<NO VALU	<NO VALU	7	0	LOW	2	1.4	98	100
<NO VALU	<NO VALU	3	5	LOW	0	1.33	96	100
<NO VALU	<NO VALU	9	66	LOW	0	1.38	101.5	80
<NO VALU	<NO VALU	8	0	LOW	2.82	1.38	96.7	80
<NO VALU	<NO VALU	14	52	LOW	0	1.41	102.4	80
<NO VALU	<NO VALU	14	57	LOW	0	1.42	102.7	100
<NO VALU	<NO VALU	12	61	LOW	0	1.36	100.9	100
<NO VALU	<NO VALU	0	126	LOW	0	1.39	102.7	100
<NO VALU	<NO VALU	0	151	LOW	0	1.44	102.3	100
<NO VALU	<NO VALU	15	35	LOW	0	1.4	101.2	100
<NO VALU	<NO VALU	14	22	LOW	1.82	1.54	97.7	100
0	0	13	13	0	13	13	13	13
0	0	15	151	0	2.82	1.54	102.7	100
0	0	0	0	0	0	1.33	96	80
#DIV/0!	#DIV/0!	8.153846	44.23077	#DIV/0!	0.658462	1.401538	99.97692	95.38462

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
80 1. OK		<NO VALU	<NO VALU	300973.5	205023.7
80 500. Routir		<NO VALU	<NO VALU	300973.5	205023.7
80 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
13	0	0	0		
100	0	0	0		
80	0	0	0		
95.38462	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr Atm Pressu	
BYPW1005	1/12/2016 10:28	48	33.6	0.1	18.3	-68.07	962
BYPW1005	1/20/2016 10:43	44.5	31.9	0	23.6	-62.77	983
BYPW1005	1/20/2016 10:45	44.6	31.9	0	23.5	-62.32	983
BYPW1005	2/4/2016 14:17	43.3	32.1	0.1	24.5	-78.78	989
BYPW1005	3/1/2016 14:48	52	33	0	15	-44.5	969
BYPW1005	4/12/2016 12:39	48.8	34.7	1.2	15.3	-34.59	969
BYPW1005	6/6/2016 13:29	49	35.8	0.1	15.1	-30.37	985
BYPW1005	7/15/2016 9:07	50.6	36.2	0.1	13.1	-31.83	990
BYPW1005	8/1/2016 9:12	41.2	34.9	0	23.9	-68.43	982
BYPW1005	9/13/2016 10:45	49.3	36	0	14.7	-54.85	974
BYPW1005	10/4/2016 10:51	53.4	35.6	0.1	10.9	-29.69	991
BYPW1005	10/4/2016 10:53	53.3	35.7	0.1	10.9	-30.37	991
BYPW1005	11/4/2016 12:55	48.8	34.5	0.2	16.5	-33.95	972
BYPW1005	12/2/2016 13:33	45.5	29.7	0.1	24.7	-36.19	989
Count		14	14	14	14	14	14
Max		53.4	36.2	1.2	24.7	-29.69	991
Min		41.2	29.7	0	10.9	-78.78	962
Ave		48.02143	33.97143	0.15	17.85714	-47.62214	980.6429

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	0	0	LOW	17.92	1.43	81.6	80
<NO VALU	<NO VALU	0	0	LOW	23.6	1.39	76.4	80
<NO VALU	<NO VALU	0	0	LOW	23.5	1.4	76.5	100
<NO VALU	<NO VALU	0	0	LOW	24.12	1.35	75.4	100
<NO VALU	<NO VALU	1	0	LOW	15	1.58	85	100
<NO VALU	<NO VALU	0	0	LOW	10.79	1.41	83.5	100
<NO VALU	<NO VALU	4	0	LOW	14.72	1.37	84.8	80
<NO VALU	<NO VALU	4	30	LOW	12.72	1.4	86.8	80
<NO VALU	<NO VALU	2	20	LOW	23.9	1.18	76.1	80
<NO VALU	<NO VALU	0	32	LOW	14.7	1.37	85.3	60
<NO VALU	<NO VALU	0	61	LOW	10.52	1.5	89	60
<NO VALU	<NO VALU	0	75	LOW	10.52	1.49	89	100
<NO VALU	<NO VALU	6	12	LOW	15.75	1.41	83.3	100
<NO VALU	<NO VALU	8	6	LOW	24.32	1.53	75.2	100
0	0	14	14	0	14	14	14	14
0	0	8	75	0	24.32	1.58	89	100
0	0	0	0	0	10.52	1.18	75.2	60
#DIV/0!	#DIV/0!	1.785714	16.85714	#DIV/0!	17.29143	1.415	81.99286	87.14286

Comment	X GPS	Y GPS	CH4 + CO2 (%)	
80 1. OK		<NO VALU	<NO VALU	300984.5 205052.8
100 1. OK		<NO VALU	<NO VALU	300984.5 205052.8
100 1. OK		<NO VALU	<NO VALU	300984.5 205052.8
100 1. OK		<NO VALU	<NO VALU	300984.5 205052.8
100 1. OK		<NO VALU	<NO VALU	300984.5 205052.8
80 1. OK		<NO VALU	<NO VALU	300984.5 205052.8
80 1. OK		<NO VALU	<NO VALU	300984.5 205052.8
80 1. OK		<NO VALU	<NO VALU	300984.5 205052.8
60 1. OK		<NO VALU	<NO VALU	300984.5 205052.8
60 1. OK		<NO VALU	<NO VALU	300984.5 205052.8
100 1. OK		<NO VALU	<NO VALU	300984.5 205052.8
100 1. OK		<NO VALU	<NO VALU	300984.5 205052.8
100 1. OK		<NO VALU	<NO VALU	300984.5 205052.8
30 1. OK		<NO VALU	<NO VALU	300984.5 205052.8
14	0	0	0	
100	0	0	0	
30	0	0	0	
83.57143	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Gt	Vacuum (in
BYPW1006	1/12/2016 10:26	39.1	29.3	0	31.6	-9.62
BYPW1006	1/20/2016 10:49	64.4	28.5	0.1	7	0.18
BYPW1006	1/20/2016 10:51	58.9	25.4	0.1	15.6	-19.81
BYPW1006	2/4/2016 14:14	35.2	27.9	0.1	36.8	-14.62
BYPW1006	3/1/2016 14:44	73.1	24.4	0	2.5	0.23
BYPW1006	3/1/2016 14:46	72.1	25.6	0	2.3	-0.81
BYPW1006	4/12/2016 12:34	54.4	34.2	0.3	11.1	-4.5
BYPW1006	5/12/2016 8:41	53.6	35.3	0.6	10.5	-6.58
BYPW1006	6/6/2016 13:27	55.6	34.5	0.2	9.7	-1.16
BYPW1006	7/15/2016 9:04	54.6	35.8	0.1	9.5	-1.14
BYPW1006	8/1/2016 9:17	36.9	29.6	2.2	31.3	-3.35
BYPW1006	8/12/2016 11:05	60.9	39	0.2	0	0.24
BYPW1006	8/12/2016 11:06	60.9	39	0.1	0	-0.57
BYPW1006	9/13/2016 10:47	52.9	34.4	0.2	12.5	-2.36
BYPW1006	10/4/2016 10:55	58.1	33.8	0.4	7.7	-1.04
BYPW1006	11/4/2016 12:52	50.5	31.8	1	16.7	-2.86
BYPW1006	12/2/2016 13:36	55	27.8	0.7	16.5	-1.18
	Count	17	17	17	17	17
	Max	73.1	39	2.2	36.8	0.24
	Min	35.2	24.4	0	0	-19.81
	Ave	55.07059	31.54706	0.370588	13.01765	-4.055882

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
962	<NO VALU	<NO VALU	0	0	LOW	31.6	1.33	68.4
983	<NO VALU	<NO VALU	0	0	LOW	6.62	2.26	92.9
983	<NO VALU	<NO VALU	0	0	LOW	15.22	2.32	84.3
989	<NO VALU	<NO VALU	1	0	LOW	36.42	1.26	63.1
968	<NO VALU	<NO VALU	0	0	LOW	2.5	3	97.5
969	<NO VALU	<NO VALU	0	0	LOW	2.3	2.82	97.7
971	<NO VALU	<NO VALU	0	0	LOW	9.97	1.59	88.6
968	<NO VALU	<NO VALU	3	20	LOW	8.24	1.52	88.9
986	<NO VALU	<NO VALU	3	0	LOW	8.95	1.61	90.1
990	<NO VALU	<NO VALU	1	31	LOW	9.12	1.53	90.4
982	<NO VALU	<NO VALU	1	15	LOW	23.03	1.25	66.5
988	<NO VALU	<NO VALU	0	206	LOW	0	1.56	99.9
989	<NO VALU	<NO VALU	0	212	LOW	0	1.56	99.9
974	<NO VALU	<NO VALU	0	49	LOW	11.75	1.54	87.3
991	<NO VALU	<NO VALU	0	56	LOW	6.2	1.72	91.9
971	<NO VALU	<NO VALU	4	15	LOW	12.94	1.59	82.3
989	<NO VALU	<NO VALU	5	3	LOW	13.87	1.98	82.8
17	0	0	17	17	0	17	17	17
991	0	0	5	212	0	36.42	3	99.9
962	0	0	0	0	0	0	1.25	63.1
979.5882	#DIV/0!	#DIV/0!	1.058824	35.70588	#DIV/0!	11.69	1.790588	86.61765

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	0	3. Low CH ₄	<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	3. Low CH ₄	<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	500. Routir	<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	5	1. OK	<NO VALU	<NO VALU	301004	205026.3	
5	5	1. OK	<NO VALU	<NO VALU	301004	205026.3	
5	5	1. OK	<NO VALU	<NO VALU	301004	205026.3	
17	17		0	0	0		
5	5		0	0	0		
0	0		0	0	0		
4.117647	4.117647	#DIV/0!	#DIV/0!	#DIV/0!			

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (rr	Atm Pressu
BYPW1101	1/12/2016 10:21	57.6	38.1	0.1	4.2	-63.9	962
BYPW1101	2/4/2016 14:44	54.3	37.2	0.1	8.4	-88.59	989
BYPW1101	3/1/2016 14:41	59.3	38.3	0.1	2.3	-44.99	968
BYPW1101	4/7/2016 11:16	56.4	39.2	0.6	3.8	-51.52	968
BYPW1101	5/6/2016 12:38	54.9	37.8	0.3	7	-42.23	974
BYPW1101	6/6/2016 12:41	56.2	38.5	0.3	5	-31.22	985
BYPW1101	7/15/2016 8:41	58.6	40.4	0	1	-32.35	989
BYPW1101	8/1/2016 9:19	42	35.7	0	22.3	-69	983
BYPW1101	9/13/2016 10:49	55	39.8	0.2	5	-46.72	975
BYPW1101	10/4/2016 10:58	59.2	40.4	0.1	0.3	-27.21	991
BYPW1101	11/4/2016 12:47	52.1	38.8	0.1	9	-33.56	972
BYPW1101	12/2/2016 13:06	54.2	35.1	0.1	10.6	-33.43	989
	Count	12	12	12	12	12	12
	Max	59.3	40.4	0.6	22.3	-27.21	991
	Min	42	35.1	0	0.3	-88.59	962
	Ave	54.98333	38.275	0.166667	6.575	-47.06	978.75

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	3	0	LOW	3.82	1.51	95.7	100
<NO VALU	<NO VALU	0	0	LOW	8.02	1.46	91.5	100
<NO VALU	<NO VALU	6	0	LOW	1.92	1.55	97.6	100
<NO VALU	<NO VALU	2	0	LOW	1.54	1.44	95.6	100
<NO VALU	<NO VALU	15	165	LOW	5.87	1.45	92.7	100
<NO VALU	<NO VALU	5	0	LOW	3.87	1.46	94.7	100
<NO VALU	<NO VALU	9	107	LOW	1	1.45	99	100
<NO VALU	<NO VALU	6	72	LOW	22.3	1.18	77.7	100
<NO VALU	<NO VALU	0	157	LOW	4.25	1.38	94.8	100
<NO VALU	<NO VALU	0	173	LOW	0	1.47	99.6	100
<NO VALU	<NO VALU	15	44	LOW	8.62	1.34	90.9	100
<NO VALU	<NO VALU	14	20	LOW	10.22	1.54	89.3	100
0	0	12	12	0	12	12	12	12
0	0	15	173	0	22.3	1.55	99.6	100
0	0	0	0	0	0	1.18	77.7	100
#DIV/0!	#DIV/0!	6.25	61.5	#DIV/0!	5.9525	1.435833	93.25833	100

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
100 1. OK		<NO VALU	<NO VALU	300994.5	204989.2
100 500. Routir		<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
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 Press)	
BYPW1102	1/12/2016 10:38	58.6	37.9	1.1	2.4	-12.82	962
BYPW1102	2/4/2016 14:27	0.3	4.5	19.8	75.4	-22.62	989
BYPW1102	3/1/2016 14:54	59.8	38.4	0	1.8	1.7	968
BYPW1102	3/1/2016 14:56	57.9	38.2	0.5	3.4	-0.34	969
BYPW1102	4/12/2016 12:53	56.9	40.6	0.8	1.7	-3.03	970
	Count	5	5	5	5	5	5
	Max	59.8	40.6	19.8	75.4	1.7	989
	Min	0.3	4.5	0	1.7	-22.62	962
	Ave	46.7	31.92	4.44	16.94	-7.422	971.6
	>3% O2			#REF!			
	% > 3% O2			#REF!			

Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va	Depart valv
<NO VALU	<NO VALU	1	0	LOW	0	1.55	96.5	5
<NO VALU	<NO VALU	0	0	LOW	0.95	0.07	4.8	5
<NO VALU	<NO VALU	4	0	LOW	1.8	1.56	98.2	0
<NO VALU	<NO VALU	4	0	LOW	1.52	1.52	96.1	5
<NO VALU	<NO VALU	3	0	LOW	0	1.4	97.5	5
0	0	5	5	0	5	5	5	5
0	0	4	0	0	1.8	1.56	98.2	5
0	0	0	0	0	0	0.07	4.8	0
#DIV/0!	#DIV/0!	2.4	0	#DIV/0!	0.854	1.22	78.62	4

Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5 1. OK		<NO VALU	<NO VALU	300950	204990.2
0 3. Low CH4		<NO VALU	<NO VALU	300950	204990.2
5 1. OK		<NO VALU	<NO VALU	300950	204990.2
5 1. OK		<NO VALU	<NO VALU	300950	204990.2
5 1. OK		<NO VALU	<NO VALU	300950	204990.2
5	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 (in Atm Pressu	
BYPW1103	1/12/2016 9:06	6.7	6.2	19.3	67.8	-47.2	961
BYPW1103	2/4/2016 14:47	6.2	6	19.2	68.6	-30.37	989
BYPW1103	3/10/2016 10:19	0.4	1.3	20.7	77.6	-65.84	982
BYPW1103	4/12/2016 11:22	0.2	2.1	19.3	78.4	-26.66	968
	Count	4	4	4	4	4	4
	Max	6.7	6.2	20.7	78.4	-26.66	989
	Min	0.2	1.3	19.2	67.8	-65.84	961
	Ave	3.375	3.9	19.625	73.1	-42.5175	975
	>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	7	0	LOW	0	1.08	12.9	0
<NO VALU	<NO VALU	0	0	LOW	0	1.03	12.2	0
<NO VALU	<NO VALU	0	0	LOW	0	0.31	1.7	0
<NO VALU	<NO VALU	0	0	LOW	5.83	0.1	2.3	0
0	0	4	4	0	4	4	4	4
0	0	7	0	0	5.83	1.08	12.9	0
0	0	0	0	0	0	0.1	1.7	0
#DIV/0!	#DIV/0!	1.75	0	#DIV/0!	1.4575	0.63	7.275	0

Comment	X GPS	Y GPS	CH4 + CO2 (%)
0 3. Low CH4	<NO VALU	<NO VALU	300967.7 204947.7
0 3. Low CH4	<NO VALU	<NO VALU	300967.7 204947.7
0 3. Low CH4	<NO VALU	<NO VALU	300967.7 204947.7
0 3. Investigate	<NO VALU	<NO VALU	300967.7 204947.7
4	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 Gt	Vacuum (m
BYPWM101	1/5/2016 8:29	52.7	24.2	0	23.1	-1.02
BYPWM101	2/4/2016 8:24	74.6	21.5	0	3.9	-1.81
BYPWM101	2/4/2016 8:25	76.1	21.8	0.1	2	-2.18
BYPWM101	3/1/2016 12:40	58.5	23.1	0.1	18.3	0.93
BYPWM101	3/1/2016 12:42	58.6	23.3	0.1	18	-0.14
BYPWM101	4/7/2016 9:28	46.5	23.2	0.2	30.1	-0.37
BYPWM101	5/6/2016 11:40	78.1	20.4	0.1	1.4	-1.2
BYPWM101	6/7/2016 13:48	47.2	22.7	0.1	30	-0.78
BYPWM101	7/8/2016 13:04	47.1	24.1	0	28.8	-0.37
BYPWM101	8/1/2016 8:15	78.7	21.1	0.1	0.1	-0.63
BYPWM101	8/1/2016 8:17	78.8	21.1	0.1	0	-1.12
BYPWM101	9/13/2016 10:05	50.4	26.6	0	23	-2.67
BYPWM101	10/4/2016 10:24	44.1	26.4	0.1	29.4	-2.93
BYPWM101	11/4/2016 7:48	46.3	26	0.1	27.6	-0.75
BYPWM101	11/18/2016 12:17	78.4	20.5	0.1	1	-0.46
BYPWM101	11/18/2016 12:20	74	20.8	0.1	5.1	-3.01
BYPWM101	12/8/2016 8:59	48.9	25.4	0.2	25.5	-0.75
Count		17	17	17	17	17
Max		78.8	26.6	0.2	30.1	0.93
Min		44.1	20.4	0	0	-3.01
Ave		61.11765	23.07059	0.088235	15.72353	-1.132941

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
947	<NO VALU-		0	0	LOW	23.1	2.18	76.9
989	<NO VALU<NO VALU		0	0	LOW	3.9	3.47	96.1
989	<NO VALU<NO VALU		0	0	LOW	1.62	3.49	97.9
971	<NO VALU<NO VALU		0	0	LOW	17.92	2.53	81.6
971	<NO VALU<NO VALU		0	0	LOW	17.62	2.52	81.9
966	<NO VALU<NO VALU		0	0	LOW	29.35	2	69.7
975	<NO VALU<NO VALU		6	67	LOW	1.02	3.83	98.5
988	<NO VALU<NO VALU		1	0	LOW	29.62	2.08	69.9
981	<NO VALU<NO VALU		1	37	LOW	28.8	1.95	71.2
984	<NO VALU<NO VALU		0	31	LOW	0	3.73	99.8
984	<NO VALU<NO VALU		0	33	LOW	0	3.73	99.9
975	<NO VALU<NO VALU		0	32	LOW	23	1.89	77
991	<NO VALU<NO VALU		0	33	LOW	29.02	1.67	70.5
975	<NO VALU<NO VALU		0	15	LOW	27.22	1.78	72.3
959	<NO VALU<NO VALU		5	24	LOW	0.62	3.82	98.9
960	<NO VALU<NO VALU		5	20	LOW	4.72	3.56	94.8
987	<NO VALU<NO VALU		3	0	LOW	24.75	1.93	74.3
17	0	0	17	17	0	17	17	17
991	0	0	6	67	0	29.62	3.83	99.9
947	0	0	0	0	0	0	1.67	69.7
976	#DIV/0!	#DIV/0!	1.235294	17.17647	#DIV/0!	15.42824	2.715294	84.18824

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
5	5 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
0	5 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
5	5 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
5	10 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
10	10 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
10	10 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
5	5 500. Routir	<NO VALU	<NO VALU	300842.7	205092.3
5	5 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
5	5 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
5	10 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
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	10 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
10	10 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
10	15 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
15	15 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
10	10 1. OK	<NO VALU	<NO VALU	300842.7	205092.3
17	17	0	0	0	
15	15	0	0	0	
0	5	0	0	0	
7.647059	8.823529	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Gr	Vacuum (in
BYPZ0001	1/12/2016 8:52	56.3	43.5	0.1	0.1	-58.39
BYPZ0001	2/4/2016 14:58	55.4	43.3	0	1.3	-88.73
BYPZ0001	3/10/2016 10:05	55.5	43.6	0	0.9	-64.45
BYPZ0001	4/12/2016 11:09	54.3	42.6	0.8	2.3	-29.48
BYPZ0001	5/6/2016 12:26	57.6	44	0	0	-40.77
BYPZ0001	6/6/2016 12:28	53.6	43.4	0.1	2.9	-29.74
BYPZ0001	7/15/2016 8:28	56.6	45.5	0	0	-32.62
BYPZ0001	8/1/2016 12:09	56.7	45.3	0	0	-49.42
BYPZ0001	9/13/2016 13:21	57.6	45.5	0	0	-29.33
BYPZ0001	10/4/2016 13:28	57.2	44.9	0	0	-27.59
BYPZ0001	11/8/2016 8:01	55.2	45.4	0.1	0	-32.18
BYPZ0001	12/2/2016 12:53	56.3	40.9	0.1	2.7	-32.03
Count		12	12	12	12	12
Max		57.6	45.5	0.8	2.9	-27.59
Min		53.6	40.9	0	0	-88.73
Ave		56.025	43.99167	0.1	0.85	-42.89417

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
961	<NO VALU	<NO VALU	2	0	LOW	0	1.29	99.8
989	<NO VALU	<NO VALU	4	0	LOW	1.3	1.28	98.7
983	<NO VALU	<NO VALU	5	1	LOW	0.9	1.27	99.1
969	<NO VALU	<NO VALU	3	1	LOW	0	1.27	96.9
974	<NO VALU	<NO VALU	15	42	LOW	0	1.31	101.6
986	<NO VALU	<NO VALU	5	0	LOW	2.52	1.24	97
990	<NO VALU	<NO VALU	11	38	LOW	0	1.24	102.1
983	<NO VALU	<NO VALU	13	31	LOW	0	1.25	102
974	<NO VALU	<NO VALU	0	53	LOW	0	1.27	103.1
992	<NO VALU	<NO VALU	0	49	LOW	0	1.27	102.1
971	<NO VALU	<NO VALU	2	0	LOW	0	1.22	100.6
989	<NO VALU	<NO VALU	18	10	LOW	2.32	1.38	97.2
12	0	0	12	12	0	12	12	12
992	0	0	18	53	0	2.52	1.38	103.1
961	0	0	0	0	0	0	1.22	96.9
980.0833	#DIV/0!	#DIV/0!	6.5	18.75	#DIV/0!	0.586667	1.274167	100.0167

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	100 500. Routir	<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	1/12/2016 10:41	43.2	36	0	20.8	-20.93
BYPW1201	2/4/2016 14:30	37.4	32.5	0.1	30	-28.19
BYPW1201	3/1/2016 15:00	54.6	38.7	0	6.7	-6.11
BYPW1201	4/12/2016 12:57	54.8	40.5	0.2	4.5	-4.86
BYPW1201	5/12/2016 8:59	48.9	37.7	0	13.4	-13.47
BYPW1201	6/6/2016 13:44	51.4	38.1	0	10.5	-6.34
BYPW1201	7/15/2016 9:23	51.9	39.1	0	9	-7.42
BYPW1201	7/15/2016 9:24	52	39.1	0	8.9	-10
BYPW1201	8/1/2016 9:26	37.8	34.6	0	27.6	-26.23
BYPW1201	8/12/2016 11:14	55.6	41.4	0.1	2.9	0.22
BYPW1201	8/12/2016 11:15	55.7	41.4	0.1	2.8	-4.18
BYPW1201	9/13/2016 11:47	46.6	38	0.1	15.3	-15.96
BYPW1201	10/4/2016 11:12	51.3	38.5	0.1	10.1	-10.55
BYPW1201	11/4/2016 13:10	41.3	35.7	0.1	22.9	-12.89
BYPW1201	12/2/2016 13:22	55	36.8	0.1	8.1	-4.71
Count		15	15	15	15	15
Max		55.7	41.4	0.2	30	0.22
Min		37.4	32.5	0	2.8	-28.19
Ave		49.16667	37.87333	0.06	12.9	-11.44133

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
962	<NO VALU	<NO VALU	0	0	LOW	20.8	1.2	79.2
989	<NO VALU	<NO VALU	1	0	LOW	29.62	1.15	69.9
969	<NO VALU	<NO VALU	5	0	LOW	6.7	1.41	93.3
969	<NO VALU	<NO VALU	1	0	LOW	3.75	1.35	95.3
967	<NO VALU	<NO VALU	8	37	LOW	13.4	1.3	86.6
984	<NO VALU	<NO VALU	4	0	LOW	10.5	1.35	89.5
989	<NO VALU	<NO VALU	9	27	LOW	9	1.33	91
989	<NO VALU	<NO VALU	9	41	LOW	8.9	1.33	91.1
982	<NO VALU	<NO VALU	6	23	LOW	27.6	1.09	72.4
988	<NO VALU	<NO VALU	0	49	LOW	2.52	1.34	97
988	<NO VALU	<NO VALU	0	66	LOW	2.42	1.35	97.1
975	<NO VALU	<NO VALU	0	49	LOW	14.92	1.23	84.6
991	<NO VALU	<NO VALU	0	48	LOW	9.72	1.33	89.8
972	<NO VALU	<NO VALU	11	17	LOW	22.52	1.16	77
990	<NO VALU	<NO VALU	13	11	LOW	7.72	1.49	91.8
15	0	0	15	15	0	15	15	15
991	0	0	13	66	0	29.62	1.49	97.1
962	0	0	0	0	0	2.42	1.09	69.9
980.2667	#DIV/0!	#DIV/0!	4.466667	24.53333	#DIV/0!	12.67267	1.294	87.04

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
60	60	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
60	40	3. Low CH4	<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	500. Routir	<NO VALU	<NO VALU	300935.8	204954.6
40	40	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
40	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
50	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
50	30	2. Rebalan	<NO VALU	<NO VALU	300935.8	204954.6
30	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
50	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
50	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
50	50	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
50	40	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
40	40	1. OK	<NO VALU	<NO VALU	300935.8	204954.6
15	15		0	0	0	
60	60		0	0	0	
30	30		0	0	0	
46	44.66667	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Gt Vacuum (m	
BYPW1301	1/12/2016 8:46	57.4	39.2	0	3.4	-8.66
BYPW1301	2/10/2016 12:09	23	13	13.9	50.1	-8.19
BYPW1301	2/24/2016 13:13	59.4	39.3	0	1.3	14.71
BYPW1301	2/24/2016 13:16	59.4	39.4	0	1.2	7.42
BYPW1301	3/10/2016 9:57	0.2	0.9	20.9	78	-15.46
BYPW1301	3/15/2016 13:44	62.1	41.2	0.1	0	11.45
BYPW1301	3/15/2016 13:47	62.6	40	0.1	0	-1.1
BYPW1301	4/12/2016 10:51	60.5	41.9	0	0	5.45
BYPW1301	4/12/2016 10:53	60.9	41.3	0	0	-2.34
BYPW1301	5/6/2016 12:16	52.5	36.3	0.4	10.8	-5.63
BYPW1301	6/6/2016 12:22	57.1	40.2	0.1	2.6	-1.33
BYPW1301	7/15/2016 8:21	58.8	40.8	0.1	0.3	-1.46
BYPW1301	8/1/2016 12:02	59.1	40.8	0	0.1	-1.13
BYPW1301	9/13/2016 13:12	57.5	40.3	0	2.2	-3.2
BYPW1301	10/4/2016 13:21	57.8	39.8	0.4	2	-2.76
BYPW1301	11/8/2016 7:54	44.6	35.6	0.7	19.1	-7.16
BYPW1301	12/2/2016 12:42	57.9	37.4	0.3	4.4	-4.34
	Count	17	17	17	17	17
	Max	62.6	41.9	20.9	78	14.71
	Min	0.2	0.9	0	0	-15.46
	Ave	52.4	35.72941	2.176471	10.32353	-1.395882

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
961	<NO VALU	<NO VALU	0	0	LOW	3.4	1.46	96.6
962	<NO VALU	<NO VALU	0	0	LOW	0	1.77	36
980	<NO VALU	<NO VALU	0	0	LOW	1.3	1.51	98.7
980	<NO VALU	<NO VALU	0	0	LOW	1.2	1.51	98.8
983	<NO VALU	<NO VALU	0	0	LOW	0	0.22	1.1
994	<NO VALU	<NO VALU	9	67	LOW	0	1.51	103.3
994	<NO VALU	<NO VALU	8	91	LOW	0	1.57	102.6
968	<NO VALU	<NO VALU	0	1	LOW	0	1.44	102.4
857	<NO VALU	<NO VALU	0	1	LOW	0	1.47	102.2
974	<NO VALU	<NO VALU	9	92	LOW	9.3	1.45	88.8
986	<NO VALU	<NO VALU	2	0	LOW	2.22	1.42	97.3
990	<NO VALU	<NO VALU	3	63	LOW	0	1.44	99.6
983	<NO VALU	<NO VALU	6	47	LOW	0.1	1.45	99.9
973	<NO VALU	<NO VALU	0	88	LOW	2.2	1.43	97.8
991	<NO VALU	<NO VALU	0	86	LOW	0.5	1.45	97.6
971	<NO VALU	<NO VALU	0	0	LOW	16.47	1.25	80.2
990	<NO VALU	<NO VALU	11	17	LOW	3.27	1.55	95.3
17	0	0	17	17	0	17	17	17
994	0	0	11	92	0	16.47	1.77	103.3
857	0	0	0	0	0	0	0.22	1.1
972.7647	#DIV/0!	#DIV/0!	2.823529	32.52941	#DIV/0!	2.350588	1.405882	88.12941

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
20	20 1. OK	<NO VALU	<NO VALU	300913.3	204915.8	
20	0 3. Low CH ₄	<NO VALU	<NO VALU	300913.3	204915.8	
0	10 1. OK	<NO VALU	<NO VALU	300913.3	204915.8	
10	10 1. OK	<NO VALU	<NO VALU	300913.3	204915.8	
10	0 3. Low CH ₄	<NO VALU	<NO VALU	300913.3	204915.8	
0	10 1. OK	<NO VALU	<NO VALU	300913.3	204915.8	
10	10 1. OK	<NO VALU	<NO VALU	300913.3	204915.8	
10	15 1. OK	<NO VALU	<NO VALU	300913.3	204915.8	
15	15 1. OK	<NO VALU	<NO VALU	300913.3	204915.8	
15	15 500. Routir	<NO VALU	<NO VALU	300913.3	204915.8	
15	15 1. OK	<NO VALU	<NO VALU	300913.3	204915.8	
15	15 1. OK	<NO VALU	<NO VALU	300913.3	204915.8	
15	15 1. OK	<NO VALU	<NO VALU	300913.3	204915.8	
15	15 1. OK	<NO VALU	<NO VALU	300913.3	204915.8	
15	15 1. OK	<NO VALU	<NO VALU	300913.3	204915.8	
15	10 1. OK	<NO VALU	<NO VALU	300913.3	204915.8	
10	10 1. OK	<NO VALU	<NO VALU	300913.3	204915.8	
17	17	0	0	0		
20	20	0	0	0		
0	0	0	0	0		
12.35294	11.76471	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in
BYPW1302	1/12/2016 8:54	56.6	37.1	0	6.3	-31.3
BYPW1302	2/4/2016 14:55	37.2	30.8	0	32	-82.86
BYPW1302	3/10/2016 10:07	61.8	37.4	0	0.8	3.43
BYPW1302	3/10/2016 10:09	61.4	37.7	0	0.9	-0.02
BYPW1302	4/12/2016 11:12	63	37.4	0.2	0	-1.06
BYPW1302	4/12/2016 11:14	60.2	36.9	0.8	2.1	-5.72
BYPW1302	5/6/2016 12:28	43.6	33.1	0	23.3	-16.56
BYPW1302	6/6/2016 12:31	51.7	34.2	0	14.1	-10.77
BYPW1302	7/15/2016 8:30	51.9	36.1	0	12	-11.37
BYPW1302	8/1/2016 12:12	46.4	34.8	0	18.8	-10.72
BYPW1302	9/13/2016 13:23	45.9	35.5	0	18.6	-9.33
BYPW1302	10/4/2016 13:30	49.6	34.5	0	15.9	-7.59
BYPW1302	11/8/2016 8:04	47.9	35.3	0.1	16.7	-6.29
BYPW1302	12/2/2016 12:55	62.3	32.5	0.1	5.1	-3.59
BYPW1302	12/2/2016 12:57	62.2	32.7	0.1	5	-6.76
Count		15	15	15	15	15
Max		63	37.7	0.8	32	3.43
Min		37.2	30.8	0	0	-82.86
Ave		53.44667	35.06667	0.086667	11.44	-13.36733

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
961	<NO VALU	<NO VALU	0	0	LOW	6.3	1.53	93.7
989	<NO VALU	<NO VALU	0	0	LOW	32	1.21	68
983	<NO VALU	<NO VALU	0	0	LOW	0.8	1.65	99.2
983	<NO VALU	<NO VALU	0	0	LOW	0.9	1.63	99.1
969	<NO VALU	<NO VALU	1	0	LOW	0	1.68	100.4
969	<NO VALU	<NO VALU	0	0	LOW	0	1.63	97.1
974	<NO VALU	<NO VALU	10	52	LOW	23.3	1.32	76.7
985	<NO VALU	<NO VALU	1	0	LOW	14.1	1.51	85.9
990	<NO VALU	<NO VALU	2	36	LOW	12	1.44	88
982	<NO VALU	<NO VALU	5	25	LOW	18.8	1.33	81.2
974	<NO VALU	<NO VALU	0	50	LOW	18.6	1.29	81.4
991	<NO VALU	<NO VALU	0	51	LOW	15.9	1.44	84.1
972	<NO VALU	<NO VALU	0	0	LOW	16.32	1.36	83.2
990	<NO VALU	<NO VALU	5	10	LOW	4.72	1.92	94.8
990	<NO VALU	<NO VALU	6	10	LOW	4.62	1.9	94.9
15	0	0	15	15	0	15	15	15
991	0	0	10	52	0	32	1.92	100.4
961	0	0	0	0	0	0	1.21	68
980.1333	#DIV/0!	#DIV/0!	2	15.6	#DIV/0!	11.224	1.522667	88.51333

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
5	5 1. OK	<NO VALU	<NO VALU	300946.6	204881.9	
5	0 3. Low CH4	<NO VALU	<NO VALU	300946.6	204881.9	
0	5 1. OK	<NO VALU	<NO VALU	300946.6	204881.9	
10	10 1. OK	<NO VALU	<NO VALU	300946.6	204881.9	
10	15 1. OK	<NO VALU	<NO VALU	300946.6	204881.9	
15	15 1. OK	<NO VALU	<NO VALU	300946.6	204881.9	
15	15 500. Routir	<NO VALU	<NO VALU	300946.6	204881.9	
15	15 1. OK	<NO VALU	<NO VALU	300946.6	204881.9	
15	15 1. OK	<NO VALU	<NO VALU	300946.6	204881.9	
15	15 1. OK	<NO VALU	<NO VALU	300946.6	204881.9	
15	15 1. OK	<NO VALU	<NO VALU	300946.6	204881.9	
15	15 1. OK	<NO VALU	<NO VALU	300946.6	204881.9	
15	10 1. OK	<NO VALU	<NO VALU	300946.6	204881.9	
10	15 1. OK	<NO VALU	<NO VALU	300946.6	204881.9	
15	15 1. OK	<NO VALU	<NO VALU	300946.6	204881.9	
15	15	0	0	0		
15	15	0	0	0		
0	0	0	0	0		
11.66667	12 #DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Gt	Vacuum (in)
BYPW1303	1/12/2016 9:03	46.9	37	1.2	14.9	-57.9
BYPW1303	2/4/2016 14:50	42.4	33.5	2	22.1	-84.81
BYPW1303	3/10/2016 10:17	43.1	34.5	1.7	20.7	-64.43
BYPW1303	3/15/2016 13:34	62	40.8	0.2	0	-18.78
BYPW1303	3/15/2016 13:36	62.5	40.3	0.1	0	-31.37
BYPW1303	3/23/2016 9:50	48.4	38.2	0.8	12.6	-28.14
BYPW1303	3/23/2016 9:53	47.8	37.6	0.9	13.7	-37.84
BYPW1303	4/12/2016 11:20	49.7	37.7	1.1	11.5	-25.91
BYPW1303	5/6/2016 12:33	53.2	37.9	0.3	8.6	-31.1
BYPW1303	6/6/2016 12:36	51.6	37.6	0.1	10.7	-21.65
BYPW1303	7/15/2016 8:37	54.2	39.2	0.1	6.5	-22.2
BYPW1303	7/15/2016 8:39	54.1	39.5	0.1	6.3	-27.05
BYPW1303	8/1/2016 11:33	40.2	34.1	1.3	24.4	-40.05
BYPW1303	9/13/2016 10:56	49.2	38.4	0.5	11.9	-25.7
BYPW1303	10/4/2016 11:08	51.3	37.5	0.5	10.7	-24.97
BYPW1303	10/4/2016 11:10	51.3	37.5	0.5	10.7	-26.46
BYPW1303	11/4/2016 12:42	44.8	35.2	1.1	18.9	-29.48
BYPW1303	12/2/2016 13:03	45.8	31.5	1.2	21.5	-24.97
Count		18	18	18	18	18
Max		62.5	40.8	2	24.4	-18.78
Min		40.2	31.5	0.1	0	-84.81
Ave		49.91667	37.11111	0.761111	12.53889	-34.60056

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
961	<NO VALU	<NO VALU	1	0	LOW	10.39	1.27	83.9
989	<NO VALU	<NO VALU	2	0	LOW	14.58	1.27	75.9
983	<NO VALU	<NO VALU	5	12	LOW	14.31	1.25	77.6
993	<NO VALU	<NO VALU	9	297	LOW	0	1.52	102.8
993	<NO VALU	<NO VALU	11	266	LOW	0	1.55	102.8
979	<NO VALU	<NO VALU	3	0	LOW	9.59	1.27	86.6
979	<NO VALU	<NO VALU	3	0	LOW	10.32	1.27	85.4
968	<NO VALU	<NO VALU	2	0	LOW	7.36	1.32	87.4
974	<NO VALU	<NO VALU	14	101	LOW	7.47	1.4	91.1
985	<NO VALU	<NO VALU	3	0	LOW	10.32	1.37	89.2
990	<NO VALU	<NO VALU	9	76	LOW	6.12	1.38	93.4
989	<NO VALU	<NO VALU	9	82	LOW	5.92	1.37	93.6
982	<NO VALU	<NO VALU	16	29	LOW	19.51	1.18	74.3
975	<NO VALU	<NO VALU	0	91	LOW	10.02	1.28	87.6
990	<NO VALU	<NO VALU	0	89	LOW	8.82	1.37	88.8
991	<NO VALU	<NO VALU	0	93	LOW	8.82	1.37	88.8
972	<NO VALU	<NO VALU	13	25	LOW	14.76	1.27	80
989	<NO VALU	<NO VALU	12	9	LOW	16.99	1.45	77.3
18	0	0	18	18	0	18	18	18
993	0	0	16	297	0	19.51	1.55	102.8
961	0	0	0	0	0	0	1.18	74.3
982.3333	#DIV/0!	#DIV/0!	6.222222	65	#DIV/0!	9.738889	1.342222	87.02778

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100	80 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
100	80 3. Low CH4	<NO VALU	<NO VALU	300975.2	204943.7	
80	30 3. Low CH4	<NO VALU	<NO VALU	300975.2	204943.7	
30	40 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
40	40 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
40	100 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
100	100 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
30	30 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
30	30 500. Routir	<NO VALU	<NO VALU	300975.2	204943.7	
30	30 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
30	50 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
50	50 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
50	40 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
40	40 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
40	80 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
80	80 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
80	50 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
50	20 1. OK	<NO VALU	<NO VALU	300975.2	204943.7	
18	18	0	0	0		
100	100	0	0	0		
30	20	0	0	0		
55.55556	53.88889	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in
BYPW1305	1/12/2016 10:35	47.2	35.7	0	17.1	-33.07
BYPW1305	1/20/2016 10:32	44.7	34.3	0.3	20.7	-27.47
BYPW1305	1/20/2016 10:34	44.6	33.8	0.2	21.4	-40.4
BYPW1305	2/4/2016 14:25	42	33.2	0.1	24.7	-52.5
BYPW1305	3/1/2016 14:58	52.1	35.6	0	12.3	-18.43
BYPW1305	4/12/2016 12:50	50.9	36.9	0.7	11.5	-9.05
BYPW1305	5/12/2016 8:51	47.9	35.7	0	16.4	-16.44
BYPW1305	6/6/2016 13:37	49.9	35.4	0	14.7	-11.61
BYPW1305	7/15/2016 9:18	52.2	37.8	0.1	9.9	-13.47
BYPW1305	7/15/2016 9:20	51.7	37.5	0	10.8	-17.21
BYPW1305	8/1/2016 9:24	36.7	33.2	0.2	29.9	-39.95
BYPW1305	8/12/2016 11:09	60.3	39.9	0.1	0	-2.36
BYPW1305	8/12/2016 11:11	61	38.7	0.1	0.2	-7.35
BYPW1305	9/13/2016 11:50	50	37.8	0.1	12.1	-18.29
BYPW1305	10/4/2016 11:15	54.4	37.8	0.1	7.7	-13.27
BYPW1305	11/4/2016 13:13	44.6	35.4	0.1	19.9	-17.27
BYPW1305	12/2/2016 13:44	47.7	32.2	0	20.1	-13.43
BYPW1305	12/19/2016 9:20	63.4	40.2	0.1	0	-1.82
BYPW1305	12/19/2016 9:22	64	39.6	0	0	-5.24
Count		6	6	6	6	6
Max		64	40.2	0.1	20.1	-1.82
Min		44.6	32.2	0	0	-18.29
Ave		54.01667	37.16667	0.066667	9.966667	-11.55333

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
962	<NO VALU	<NO VALU	3	0	LOW	17.1	1.32	82.9
983	<NO VALU	<NO VALU	2	0	LOW	19.57	1.3	79
983	<NO VALU	<NO VALU	1	0	LOW	20.65	1.32	78.4
989	<NO VALU	<NO VALU	3	0	LOW	24.32	1.27	75.2
969	<NO VALU	<NO VALU	7	0	LOW	12.3	1.46	87.7
969	<NO VALU	<NO VALU	2	0	LOW	8.87	1.38	87.8
967	<NO VALU	<NO VALU	10	45	LOW	16.4	1.34	83.6
984	<NO VALU	<NO VALU	6	0	LOW	14.7	1.41	85.3
989	<NO VALU	<NO VALU	11	63	LOW	9.52	1.38	90
989	<NO VALU	<NO VALU	10	62	LOW	10.8	1.38	89.2
982	<NO VALU	<NO VALU	9	31	LOW	29.15	1.11	69.9
988	<NO VALU	<NO VALU	0	149	LOW	0	1.51	100.2
988	<NO VALU	<NO VALU	0	132	LOW	0	1.58	99.7
974	<NO VALU	<NO VALU	0	142	LOW	11.72	1.32	87.8
991	<NO VALU	<NO VALU	0	162	LOW	7.32	1.44	92.2
971	<NO VALU	<NO VALU	15	24	LOW	19.52	1.26	80
989	<NO VALU	<NO VALU	13	17	LOW	20.1	1.48	79.9
991	<NO VALU	<NO VALU	21	49	LOW	0	1.58	103.6
991	<NO VALU	<NO VALU	21	46	LOW	0	1.62	103.6
6	0	0	6	6	0	6	6	6
991	0	0	21	162	0	20.1	1.62	103.6
971	0	0	0	17	0	0	1.26	79.9
984.5	#DIV/0!	#DIV/0!	11.66667	73.33333	#DIV/0!	9.776667	1.45	91.18333

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
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
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	500. Routir	<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	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
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	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
20	30	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
30	30	1. OK	<NO VALU	<NO VALU	300959.3	204992.7
6	6		0	0	0	
40	40		0	0	0	
20	20		0	0	0	
35	33.33333	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in
BYPW1306	1/12/2016 8:57	43.7	34.8	0.2	21.3	-56.23
BYPW1306	2/4/2016 14:53	41.3	33.8	0.1	24.8	-82.44
BYPW1306	3/10/2016 10:12	38.7	34	0	27.3	-63.18
BYPW1306	3/15/2016 13:39	62.4	42.2	0.1	0	12.68
BYPW1306	4/12/2016 11:16	54	39.2	0.4	6.4	-11.42
BYPW1306	5/6/2016 12:31	54.6	38.3	0	7.1	-16.42
BYPW1306	6/6/2016 12:33	55.2	38.5	0	6.3	-10.09
BYPW1306	7/15/2016 8:33	56.2	39.8	0	4	-11.92
BYPW1306	7/15/2016 8:34	56.2	39.6	0	4.2	-16.82
BYPW1306	8/1/2016 11:36	40.3	34.9	0	24.8	-30.63
BYPW1306	9/13/2016 13:25	50.3	38.8	0	10.9	-12.96
BYPW1306	10/4/2016 13:33	54.4	38.7	0	6.9	-12.48
BYPW1306	10/4/2016 13:34	54.7	38.7	0	6.6	-14.35
BYPW1306	11/4/2016 12:44	46.8	36.8	0.1	16.3	-19.01
BYPW1306	11/8/2016 8:06	47.5	37.7	0.1	14.7	-19.37
BYPW1306	12/2/2016 13:00	58.5	36.5	0.1	4.9	-3.1
Count		16	16	16	16	16
Max		62.4	42.2	0.4	27.3	12.68
Min		38.7	33.8	0	0	-82.44
Ave		50.925	37.64375	0.06875	11.65625	-22.98375

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
961	<NO VALU	<NO VALU	0	0	LOW	20.55	1.26	78.5
989	<NO VALU	<NO VALU	4	0	LOW	24.42	1.22	75.1
982	<NO VALU	<NO VALU	4	0	LOW	27.3	1.14	72.7
993	<NO VALU	<NO VALU	12	463	LOW	0	1.48	104.6
969	<NO VALU	<NO VALU	2	0	LOW	4.9	1.38	93.2
974	<NO VALU	<NO VALU	14	233	LOW	7.1	1.43	92.9
985	<NO VALU	<NO VALU	5	0	LOW	6.3	1.43	93.7
990	<NO VALU	<NO VALU	10	155	LOW	4	1.41	96
990	<NO VALU	<NO VALU	11	153	LOW	4.2	1.42	95.8
982	<NO VALU	<NO VALU	15	91	LOW	24.8	1.15	75.2
973	<NO VALU	<NO VALU	0	201	LOW	10.9	1.3	89.1
991	<NO VALU	<NO VALU	0	200	LOW	6.9	1.41	93.1
991	<NO VALU	<NO VALU	0	198	LOW	6.6	1.41	93.4
972	<NO VALU	<NO VALU	15	60	LOW	15.92	1.27	83.6
971	<NO VALU	<NO VALU	1	0	LOW	14.32	1.26	85.2
990	<NO VALU	<NO VALU	16	34	LOW	4.52	1.6	95
16	0	0	16	16	0	16	16	16
993	0	0	16	463	0	27.3	1.6	104.6
961	0	0	0	0	0	0	1.14	72.7
981.4375	#DIV/0!	#DIV/0!	6.8125	111.75	#DIV/0!	11.42063	1.348125	88.56875

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)	
100	100 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
100	100 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
100	20 3. Low CH4	<NO VALU	<NO VALU	300963.9	204909.4
20	40 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
20	20 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
20	20 500. Routir	<NO VALU	<NO VALU	300963.9	204909.4
20	20 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
20	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
30	30 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
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	30 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
30	30 1. OK	<NO VALU	<NO VALU	300963.9	204909.4
16	16	0	0	0	
100	100	0	0	0	
20	20	0	0	0	
43.125	40 #DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Gt Vacuum (n	
BYPW1309	1/12/2016 8:33	60.8	38.9	0	0.3	-1.71
BYPW1309	1/12/2016 8:35	62.6	36.8	0.2	0.4	-20.78
BYPW1309	2/10/2016 11:52	42.7	30.2	0.1	27	-36.11
BYPW1309	3/10/2016 9:45	56.6	36.2	0.1	7.1	-5.09
BYPW1309	4/12/2016 10:37	53.9	34.6	0.9	10.6	-18.52
BYPW1309	5/6/2016 12:04	37.4	28.9	0.1	33.6	-27.83
BYPW1309	5/20/2016 12:21	58.9	39.8	0.1	1.2	-2.39
BYPW1309	6/6/2016 10:40	57.7	39.5	0.1	2.7	-1.49
BYPW1309	7/15/2016 8:10	46	33.4	0.1	20.5	-12.83
BYPW1309	8/1/2016 11:50	44.2	32.1	0.1	23.6	-17.17
BYPW1309	9/13/2016 13:00	48.4	33.2	0.1	18.3	-23.53
BYPW1309	10/4/2016 13:10	60.7	39.2	0.1	0	-6.77
BYPW1309	10/4/2016 13:11	62	38.1	0.1	0	-10.96
BYPW1309	11/8/2016 7:43	42.9	32	0.1	25	-19.59
BYPW1309	12/2/2016 12:32	56.7	33.4	0.2	9.7	-12.84
Count		15	15	15	15	15
Max		62.6	39.8	0.9	33.6	-1.49
Min		37.4	28.9	0	0	-36.11
Ave		52.76667	35.08667	0.16	12	-14.50733

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
962	<NO VALU	<NO VALU	0	0	LOW	0.3	1.56	99.7
961	<NO VALU	<NO VALU	0	0	LOW	0	1.7	99.4
963	<NO VALU	<NO VALU	0	0	LOW	26.62	1.41	72.9
984	<NO VALU	<NO VALU	0	3	LOW	6.72	1.56	92.8
969	<NO VALU	<NO VALU	0	0	LOW	7.22	1.56	88.5
975	<NO VALU	<NO VALU	7	18	LOW	33.22	1.29	66.3
980	<NO VALU	<NO VALU	1	0	LOW	0.82	1.48	98.7
986	<NO VALU	<NO VALU	4	0	LOW	2.32	1.46	97.2
991	<NO VALU	<NO VALU	2	23	LOW	20.12	1.38	79.4
983	<NO VALU	<NO VALU	5	13	LOW	23.22	1.38	76.3
974	<NO VALU	<NO VALU	0	35	LOW	17.92	1.46	81.6
992	<NO VALU	<NO VALU	0	77	LOW	0	1.55	99.9
992	<NO VALU	<NO VALU	0	66	LOW	0	1.63	100.1
971	<NO VALU	<NO VALU	0	0	LOW	24.62	1.34	74.9
991	<NO VALU	<NO VALU	9	7	LOW	8.95	1.7	90.1
15	0	0	15	15	0	15	15	15
992	0	0	9	77	0	33.22	1.7	100.1
961	0	0	0	0	0	0	1.29	66.3
978.2667	#DIV/0!	#DIV/0!	1.866667	16.13333	#DIV/0!	11.47	1.497333	87.85333

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)
10	15 1. OK	<NO VALU	<NO VALU	300933.1 204825.7
15	15 1. OK	<NO VALU	<NO VALU	300933.1 204825.7
15	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	5 500. Routir	<NO VALU	<NO VALU	300933.1 204825.7
5	5 1. OK	<NO VALU	<NO VALU	300933.1 204825.7
5	5 1. OK	<NO VALU	<NO VALU	300933.1 204825.7
10	10 11. Valve a	<NO VALU	<NO VALU	300933.1 204825.7
10	10 1. OK	<NO VALU	<NO VALU	300933.1 204825.7
10	10 1. OK	<NO VALU	<NO VALU	300933.1 204825.7
10	20 1. OK	<NO VALU	<NO VALU	300933.1 204825.7
20	20 1. OK	<NO VALU	<NO VALU	300933.1 204825.7
20	20 1. OK	<NO VALU	<NO VALU	300933.1 204825.7
20	20 1. OK	<NO VALU	<NO VALU	300933.1 204825.7
15	15	0	0	0
20	20	0	0	0
5	5	0	0	0
12	12.33333 #DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (r
BYPW1310	1/5/2016 12:10	56.2	43.3	0.1	0.4	-51.4
BYPW1310	2/10/2016 12:27	57.3	42.1	0.1	0.5	-50.18
BYPW1310	3/2/2016 8:31	57.5	42.7	0.2	0	-41.15
BYPW1310	4/7/2016 11:06	58.1	42.7	0.4	0	-49.99
BYPW1310	5/6/2016 13:14	59.3	42.2	0.1	0	-42.89
BYPW1310	6/6/2016 13:04	53.8	41.1	0.5	4.6	-31.21
BYPW1310	7/8/2016 13:19	59	43	0	0	-35.61
BYPW1310	8/1/2016 11:17	59	42.9	0.1	0	-47.53
BYPW1310	9/13/2016 12:40	59.7	43	0.1	0	-50.81
BYPW1310	10/4/2016 13:48	59.3	42.3	0	0	-28.05
BYPW1310	11/4/2016 12:28	59.1	42.6	0.1	0	-31.57
BYPW1310	12/8/2016 13:26	54.9	36.7	0.5	7.9	-39.34
	Count	12	12	12	12	12
	Max	59.7	43.3	0.5	7.9	-28.05
	Min	53.8	36.7	0	0	-51.4
	Ave	57.76667	42.05	0.183333	1.116667	-41.64417

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
949	<NO VALU-		6	0	LOW	0.02	1.3	99.5
963	<NO VALU<NO VALU		4	0	LOW	0.12	1.36	99.4
962	<NO VALU<NO VALU		13	0	LOW	0	1.35	100.2
970	<NO VALU<NO VALU		4	0	LOW	0	1.36	100.8
975	<NO VALU<NO VALU		28	157	LOW	0	1.41	101.5
986	<NO VALU<NO VALU		6	0	LOW	2.72	1.31	94.9
981	<NO VALU<NO VALU		21	133	LOW	0	1.37	102
984	<NO VALU<NO VALU		17	86	LOW	0	1.38	101.9
975	<NO VALU<NO VALU		0	185	LOW	0	1.39	102.7
992	<NO VALU<NO VALU		0	166	LOW	0	1.4	101.6
974	<NO VALU<NO VALU		21	68	LOW	0	1.39	101.7
987	<NO VALU<NO VALU		7	0	LOW	6.02	1.5	91.6
12	0	0	12	12	0	12	12	12
992	0	0	28	185	0	6.02	1.5	102.7
949	0	0	0	0	0	0	1.3	91.6
974.8333	#DIV/0!	#DIV/0!	10.58333	66.25	#DIV/0!	0.74	1.376667	99.81667

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	100 500. Routir	<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	1/12/2016 11:06	50.1	30.2	2.9	16.8	-0.29
BYPW1501	2/10/2016 13:10	44.2	27.7	4.8	23.3	0.58
BYPW1501	3/10/2016 11:59	49.1	28.6	3.4	18.9	0.23
BYPW1501	4/12/2016 13:18	50.9	27.1	3.9	18.1	1.01
BYPW1501	5/12/2016 7:45	54.9	28.8	2.3	14	0.37
BYPW1501	5/12/2016 7:48	54.2	28.5	2.4	14.9	-46.13
BYPW1501	6/7/2016 12:38	34	21.6	7.1	37.3	-28.01
BYPW1501	7/15/2016 9:44	32.2	23	7.6	37.2	0.14
BYPW1501	8/5/2016 9:09	25.3	19.2	9	46.5	0.42
BYPW1501	9/16/2016 8:06	46.7	23.8	2	27.5	-0.37
BYPW1501	9/16/2016 8:09	45.9	23.4	2.4	28.3	-56.98
BYPW1501	10/4/2016 12:19	0.4	0.7	20	78.9	-28.15
BYPW1501	11/8/2016 8:24	39.4	23.7	5.2	31.7	0.64
BYPW1501	12/8/2016 9:38	-	-	-	-	-
Count		13	13	13	13	13
Max		54.9	30.2	20	78.9	1.01
Min		0.4	0.7	2	14	-56.98
Ave		40.56154	23.56154	5.615385	30.26154	-12.04154

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
966	<NO VALU	<NO VALU	0	0	LOW	5.9	1.66	80.3
966	<NO VALU	<NO VALU	0	0	LOW	5.25	1.6	71.9
984	<NO VALU	<NO VALU	0	0	LOW	6.12	1.72	77.7
969	<NO VALU	<NO VALU	0	0	LOW	3.44	1.88	78
969	<NO VALU	<NO VALU	1	0	LOW	5.35	1.91	83.7
971	<NO VALU	<NO VALU	1	0	LOW	5.88	1.9	82.7
991	<NO VALU	<NO VALU	0	0	LOW	10.6	1.57	55.6
989	<NO VALU	<NO VALU	1	0	LOW	8.62	1.4	55.2
987	<NO VALU	<NO VALU	0	1	LOW	12.66	1.32	44.5
979	<NO VALU	<NO VALU	0	0	LOW	19.98	1.96	70.5
982	<NO VALU	<NO VALU	0	33	LOW	19.28	1.96	69.3
992	<NO VALU	<NO VALU	0	2	LOW	3.7	0.57	1.1
974	<NO VALU	<NO VALU	3	0	LOW	12.15	1.66	63.1
-	-	-	-	-	-	-	-	-
13	0	0	13	13	0	13	13	13
992	0	0	3	33	0	19.98	1.96	83.7
966	0	0	0	0	0	3.44	0.57	1.1
978.3846	#DIV/0!	#DIV/0!	0.461538	2.769231	#DIV/0!	9.148462	1.623846	64.12308

Depart	val	Comment	X GPS	Y GPS	CH4 + CO2 (%)
0		0 2. High O2	<NO VALU	<NO VALU	301096.4 204851.7
0		0 2. High O2	<NO VALU	<NO VALU	301096.4 204851.7
0		0 2. High O2	<NO VALU	<NO VALU	301096.4 204851.7
0		0 2. Rebalan	<NO VALU	<NO VALU	301096.4 204851.7
0		5 500. Routir	<NO VALU	<NO VALU	301096.4 204851.7
5		5 500. Routir	<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
0		0 2. Rebalan	<NO VALU	<NO VALU	301096.4 204851.7
0		1 2. Rebalan	<NO VALU	<NO VALU	301096.4 204851.7
1		1 2. Rebalan	<NO VALU	<NO VALU	301096.4 204851.7
1		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
13	13		0	0	0
5	5		0	0	0
0	0		0	0	0
0.923077	0.923077	#DIV/0!	#DIV/0!	#DIV/0!	

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Gt	Vacuum (in)
BYPW1502	1/12/2016 11:09	57	42.9	0.1	0	-69.99
BYPW1502	2/10/2016 13:13	55.7	43.1	0.2	1	-52.43
BYPW1502	3/10/2016 12:02	56.1	41.5	0.2	2.2	-47.15
BYPW1502	4/12/2016 13:24	53.9	42.1	1.1	2.9	-27.3
BYPW1502	5/12/2016 7:50	55.9	42.2	0.7	1.2	-45.91
BYPW1502	5/12/2016 7:52	56.5	42.3	0.6	0.6	-45.93
BYPW1502	6/7/2016 12:41	55.7	41.2	0.2	2.9	-32.54
BYPW1502	7/15/2016 9:46	57.9	42.1	0.5	0	-43.16
BYPW1502	8/5/2016 9:12	57.1	41.8	0.2	0.9	-49.07
BYPW1502	9/16/2016 8:11	58.3	42.2	0.5	0	-56.91
BYPW1502	10/4/2016 12:23	59.6	41.7	0.2	0	-28.08
BYPW1502	11/8/2016 8:30	57.4	42.9	0.1	0	-33.33
BYPW1502	12/8/2016 9:40	56.1	38.3	0.1	5.5	-43.81
Count		13	13	13	13	13
Max		59.6	43.1	1.1	5.5	-27.3
Min		53.9	38.3	0.1	0	-69.99
Ave		56.70769	41.86923	0.361538	1.323077	-44.27769

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
966	<NO VALU	<NO VALU	3	0	LOW	0	1.33	99.9
966	<NO VALU	<NO VALU	7	11	LOW	0.25	1.29	98.8
987	<NO VALU	<NO VALU	9	0	LOW	1.45	1.35	97.6
972	<NO VALU	<NO VALU	5	0	LOW	0	1.28	96
971	<NO VALU	<NO VALU	13	336	LOW	0	1.32	98.1
971	<NO VALU	<NO VALU	14	336	LOW	0	1.34	98.8
991	<NO VALU	<NO VALU	11	0	LOW	2.15	1.35	96.9
993	<NO VALU	<NO VALU	15	273	LOW	0	1.38	100
987	<NO VALU	<NO VALU	0	1	LOW	0.15	1.37	98.9
982	<NO VALU	<NO VALU	0	429	LOW	0	1.38	100.5
995	<NO VALU	<NO VALU	0	480	LOW	0	1.43	101.3
973	<NO VALU	<NO VALU	3	0	LOW	0	1.34	100.3
989	<NO VALU	<NO VALU	12	0	LOW	5.12	1.46	94.4
13	0	0	13	13	0	13	13	13
995	0	0	15	480	0	5.12	1.46	101.3
966	0	0	0	0	0	0	1.28	94.4
980.2308	#DIV/0!	#DIV/0!	7.076923	143.5385	#DIV/0!	0.701538	1.355385	98.57692

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	80 1. OK	<NO VALU	<NO VALU	301093.6	204821.3	
80	100 500. Routir	<NO VALU	<NO VALU	301093.6	204821.3	
100	100 500. Routir	<NO VALU	<NO VALU	301093.6	204821.3	
100	100 1. OK	<NO VALU	<NO VALU	301093.6	204821.3	
100	100 1. OK	<NO VALU	<NO VALU	301093.6	204821.3	
100	100 1. OK	<NO VALU	<NO VALU	301093.6	204821.3	
100	100 1. OK	<NO VALU	<NO VALU	301093.6	204821.3	
100	100 1. OK	<NO VALU	<NO VALU	301093.6	204821.3	
100	100 1. OK	<NO VALU	<NO VALU	301093.6	204821.3	
100	100 1. OK	<NO VALU	<NO VALU	301093.6	204821.3	
13	13	0	0	0		
100	100	0	0	0		
80	80	0	0	0		
98.46154	98.46154 #DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance Gr	Vacuum (in)
BYPW1503	1/12/2016 11:12	45.8	36.1	1.4	16.7	-66.92
BYPW1503	2/10/2016 13:15	49.9	38.1	0.5	11.5	-50.84
BYPW1503	3/10/2016 12:04	51.7	37.7	0.3	10.3	-45.83
BYPW1503	4/12/2016 13:27	57	41.2	0.6	1.2	-26.6
BYPW1503	5/12/2016 7:55	55.7	40.4	0	3.9	-43.62
BYPW1503	5/12/2016 7:58	55.2	40.2	0	4.6	-43.83
BYPW1503	6/7/2016 12:43	56.9	40.4	0.1	2.6	-31.77
BYPW1503	7/15/2016 9:48	55.3	40	0	4.7	-43.85
BYPW1503	8/5/2016 9:14	48.6	37.4	0.3	13.7	-47.37
BYPW1503	9/16/2016 8:13	49.6	37.9	0.5	12	-55.05
BYPW1503	10/4/2016 12:25	57.5	39.8	0.1	2.6	-27.82
BYPW1503	11/8/2016 8:32	54.4	39.8	0.2	5.6	-33.4
BYPW1503	12/8/2016 9:42	55.4	36.3	0.1	8.2	-42.43
Count		13	13	13	13	13
Max		57.5	41.2	1.4	16.7	-26.6
Min		45.8	36.1	0	1.2	-66.92
Ave		53.30769	38.86923	0.315385	7.507692	-43.02538

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
966	<NO VALU	<NO VALU	3	0	LOW	11.44	1.27	81.9
966	<NO VALU	<NO VALU	5	0	LOW	9.62	1.31	88
987	<NO VALU	<NO VALU	8	0	LOW	9.17	1.37	89.4
972	<NO VALU	<NO VALU	4	0	LOW	0	1.38	98.2
971	<NO VALU	<NO VALU	11	148	LOW	3.9	1.38	96.1
971	<NO VALU	<NO VALU	10	135	LOW	4.6	1.37	95.4
991	<NO VALU	<NO VALU	11	0	LOW	2.22	1.41	97.3
993	<NO VALU	<NO VALU	10	177	LOW	4.7	1.38	95.3
987	<NO VALU	<NO VALU	0	1	LOW	12.57	1.3	86
982	<NO VALU	<NO VALU	0	64	LOW	10.12	1.31	87.5
995	<NO VALU	<NO VALU	0	356	LOW	2.22	1.44	97.3
974	<NO VALU	<NO VALU	2	0	LOW	4.85	1.37	94.2
989	<NO VALU	<NO VALU	8	0	LOW	7.82	1.53	91.7
13	0	0	13	13	0	13	13	13
995	0	0	11	356	0	12.57	1.53	98.2
966	0	0	0	0	0	0	1.27	81.9
980.3077	#DIV/0!	#DIV/0!	5.538462	67.76923	#DIV/0!	6.402308	1.370769	92.17692

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
100	80 1. OK	<NO VALU	<NO VALU	301101	204783	
80	80 1. OK	<NO VALU	<NO VALU	301101	204783	
80	80 1. OK	<NO VALU	<NO VALU	301101	204783	
80	80 1. OK	<NO VALU	<NO VALU	301101	204783	
80	100 500. Routir	<NO VALU	<NO VALU	301101	204783	
100	100 500. Routir	<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	
13	13	0	0	0		
100	100	0	0	0		
80	80	0	0	0		
93.84615	93.84615	#DIV/0!	#DIV/0!	#DIV/0!		

Asset ID	Reading Taken On	CH4 (%)	CO2 (%)	O2 (%)	Balance G	Vacuum (in
BYPW1504	1/12/2016 11:14	56.5	40.8	0.1	2.6	-69.6
BYPW1504	2/10/2016 13:17	56.3	41.7	0	2	-51.67
BYPW1504	3/10/2016 12:06	56.5	40.4	0.1	3	-47.38
BYPW1504	4/12/2016 13:29	56.2	42	0.6	1.2	-27.07
BYPW1504	5/12/2016 8:01	58	42.4	0	0	-45.13
BYPW1504	6/7/2016 12:47	56.8	41	0.1	2.1	-31.31
BYPW1504	7/15/2016 9:51	59.7	42.1	0	0	-43.39
BYPW1504	8/5/2016 9:31	56.3	40.3	0.2	3.2	-47.82
BYPW1504	9/16/2016 8:17	56.8	41.3	0	1.9	-56.88
BYPW1504	10/4/2016 12:27	58.8	40.7	0.1	0.4	-27.84
BYPW1504	11/8/2016 8:34	55.5	41	0.1	3.4	-32.45
BYPW1504	12/8/2016 9:45	53	35.7	0.1	11.2	-42.88
Count		12	12	12	12	12
Max		59.7	42.4	0.6	11.2	-27.07
Min		53	35.7	0	0	-69.6
Ave		56.7	40.78333	0.116667	2.583333	-43.61833

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
966	<NO VALU	<NO VALU	0	0	LOW	2.22	1.38	97.3
966	<NO VALU	<NO VALU	3	5	LOW	2	1.35	98
987	<NO VALU	<NO VALU	6	0	LOW	2.62	1.4	96.9
972	<NO VALU	<NO VALU	3	5	LOW	0	1.34	98.2
971	<NO VALU	<NO VALU	11	139	LOW	0	1.37	100.4
991	<NO VALU	<NO VALU	7	0	LOW	1.72	1.39	97.8
993	<NO VALU	<NO VALU	8	124	LOW	0	1.42	101.8
987	<NO VALU	<NO VALU	0	1	LOW	2.45	1.4	96.6
982	<NO VALU	<NO VALU	0	146	LOW	1.9	1.38	98.1
995	<NO VALU	<NO VALU	0	212	LOW	0.02	1.44	99.5
974	<NO VALU	<NO VALU	1	0	LOW	3.02	1.35	96.5
989	<NO VALU	<NO VALU	7	0	LOW	10.82	1.48	88.7
12	0	0	12	12	0	12	12	12
995	0	0	11	212	0	10.82	1.48	101.8
966	0	0	0	0	0	0	1.34	88.7
981.0833	#DIV/0!	#DIV/0!	3.833333	52.66667	#DIV/0!	2.230833	1.391667	97.48333

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
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	100 500. Routir		<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
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 Gr	Vacuum (in
BYPW1505	1/12/2016 11:23	5.6	6.7	19.3	68.4	-0.01
BYPW1505	2/10/2016 13:23	0.3	1.7	20.9	76.8	1.08
BYPW1505	3/10/2016 12:09	0.1	0.7	20.7	78.5	0.14
BYPW1505	4/12/2016 13:32	0.2	1.3	20.4	78.1	0.04
Count		4	4	4	4	4
Max		5.6	6.7	20.9	78.5	1.08
Min		0.1	0.7	19.3	68.4	-0.01
Ave		1.55	2.6	20.325	75.45	0.3125

Atm Press	Flow (M3 /	Temp (oC)	CO (ppm)	H2S (ppm)	H2 (ppm)	Residual N	CH4/CO2 r	Original Va
968	<NO VALU	<NO VALU	0	0	LOW	0	0.84	12.3
966	<NO VALU	<NO VALU	0	0	LOW	0	0.18	2
987	<NO VALU	<NO VALU	0	0	LOW	0.67	0.14	0.8
973	<NO VALU	<NO VALU	0	0	LOW	1.4	0.15	1.5
4	0	0	4	4	0	4	4	4
987	0	0	0	0	0	1.4	0.84	12.3
966	0	0	0	0	0	0	0.14	0.8
973.5	#DIV/0!	#DIV/0!	0	0	#DIV/0!	0.5175	0.3275	4.15

Depart val	Comment	X GPS	Y GPS	CH4 + CO2 (%)		
0	0 3. Low CH ₄	<NO VALU	<NO VALU	<NO VALU	301066.3	204807.3
0	0 3. Low CH ₄	<NO VALU	<NO VALU	<NO VALU	301066.3	204807.3
0	0 28. Damag	<NO VALU	<NO VALU	<NO VALU	301066.3	204807.3
0	0 5. Faulty e	<NO VALU	<NO VALU	<NO VALU	301066.3	204807.3
4	4	0	0	0		
0	0	0	0	0		
0	0	0	0	0		
0	0 #DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		