

**EXTENDED GAS ANALYSIS**

**SAMPLE DATA**

PROJECT NO..... LTE4051  
COMPANY NAME..... LT Environmental  
SITE..... Damfino  
UNIT ID..... Damfino 2-6H  
SAMPLED BY..... DW

SAMPLE ID..... Produced Gas  
ANALYSIS DATE..... 12/18/2014  
SAMPLE DATE..... 12/12/2014  
CYLINDER NO..... GV-88  
LAB ANALYST..... DW

**FIELD DATA**

SAMPLE PRESSURE..... 62 psi  
AMBIENT PRESSURE..... 11.0 psi

SAMPLE TEMP..... 89 degrees F  
AMBIENT TEMP..... 23 degrees F

COMMENTS:

**LABORATORY DATA**

COMPONENT	MOLE %	WT%	GPM
HYDROGEN SULFIDE.....	0.0000	0.0000	0.0000
CARBON DIOXIDE.....	1.8237	3.6213	0.3116
NITROGEN.....	1.1398	1.4407	0.1255
METHANE.....	79.6263	57.6367	13.5152
ETHANE.....	7.6853	10.4267	2.0578
PROPANE.....	4.1144	8.1859	1.1349
ISOBUTANE.....	0.4931	1.2932	0.1616
N-BUTANE.....	1.7073	4.4774	0.5389
ISOPENTANE.....	0.5204	1.6941	0.1905
N-PENTANE.....	0.7321	2.3833	0.2657
CYCLOPENTANE.....	0.1641	0.5194	0.0487
N-HEXANE.....	0.3924	1.5260	0.1616
CYCLOHEXANE.....	0.1806	0.6859	0.0615
OTHER HEXANES.....	0.4118	1.6014	0.1696
HEPTANES.....	0.2493	1.1271	0.1152
METHYLCYCLOHEXANE.....	0.2906	1.2875	0.1169
2,2,4 TRIMETHYLPENTANE.....	0.0920	0.4740	0.0463
BENZENE.....	0.0432	0.1521	0.0121
TOLUENE.....	0.0889	0.3695	0.0298
ETHYLBENZENE.....	0.0303	0.1451	0.0117
XYLENES.....	0.0545	0.2610	0.0212
C8+ HEAVIES.....	0.1242	0.6399	0.0636
SUBTOTAL	99.9642	99.9483	19.1597
OXYGEN/ARGON	0.0358	0.0517	0.0032
<b>TOTAL</b>	<b>100</b>	<b>100</b>	<b>19.1629</b>

**BTU @**

MOLECULAR WEIGHT.....	22.1630	NET DRY REAL	1155.1651 /scf
RELATIVE DENSITY (AIR=1).....	0.7652		
COMPRESSIBILITY FACTOR.....	0.9962	GROSS DRY REAL	1275.3436 /scf
		GROSS WET REAL	1253.5861 /scf