

## Swiss Valley Addendum

### Site Events

Date	Event
11/1/2009	Gas flow begins recording
2/12/2010	Power begins recording
3/9/2010	Verified meters

### Hardware

Device	Serial #	Output	Carbon Catcher Data Point
Sage SRP-05-06	47150	CF & CFM	SCFM_Engine1
Sage SRP-05-06	47151	CF & CFM	SCFM_Flare
Intelisys NT Controller		KWh (acc)	G1_KWH_Output

### Database Setup

<u>Chan Name</u>	<u>Device</u>	<u>column</u>
SCFM_Flare,	FlowRate,	2
SCFM_Engine1,	FlowRate,	3
SCF_Total_Flare,	GasUsage,	2
Flare1_Temp,	GasUsage,	3
SCF_Total_Engine1,	GasUsage,	4
G1_KWH_Output,	GasUsage,	5

### Sensor Verification

#### Power Meters

		WG (kW)
CC Log	3/9/2010 11:30	280
GenTec Meter	3/9/2010 11:13	272
Fluke	3/9/2010 10:45	280

Engine Eff (%) 25.76%

\* Gentec Meter set one hr. ahead

#### Biogas Flow Meters

	Date & Time	FGE (acc)	FGE (scfm)	FGF(acc)	FGF (scfm)
CC Log	3/9/2010 11:45	17202586	110	2582956	26
CC Screen	3/9/2010 11:30	17200940	112	2582577	29
Sage	3/9/2010 10:45	17202143	112		27

\* CC time set one hr ahead



WG1 - Engine Control Panel



FGE & FGF – Carbon Catcher Display



FGE – Sage Flowmeter



WG1 – CT's