ACCOUNT NUMBER: 16-5690-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	1/31/2007	2/28/2007	3/30/2007	4/30/2007	5/31/2007	6/29/2007	7/31/2007	8/31/2007	9/28/2007	10/31/2007	11/30/2007	12/31/2007	TOTAL
WATER IND	[redacted]												
CITY IND CONTRAC													
WATER REVENUE													
WATER PROTECTION													
ELECTRIC SERVICE													
FUEL ADJUSTMENT													
DISPOSAL FEE													
DISPOSAL-EXTRA D													
SANITATION													
COM/IND WATER 2.													
COM/IND WATER 5.													
ELEC 2.0% SALES													
ELEC 5.3% SALES													
SA - 7.3% SALES													
TOTAL													
PAYMENT													

ACCOUNT NUMBER: 16-5700-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	1/31/2007	2/28/2007	3/30/2007	4/30/2007	5/31/2007	6/29/2007	7/31/2007	8/31/2007	9/28/2007	10/31/2007	11/30/2007	12/31/2007	TOTAL
WATER IND	[redacted]												
WATER REVENUE													
WATER PROTECTION													
SEWER													
COM/IND WATER 2.													
COM/IND WATER 5.													
TOTAL													
PAYMENT													

ACCOUNT NUMBER: 16-5710-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	1/31/2007	2/28/2007	3/30/2007	4/30/2007	5/31/2007	6/29/2007	7/31/2007	8/31/2007	9/28/2007	10/31/2007	11/30/2007	12/31/2007	TOTAL
WATER IND	[redacted]												
WATER REVENUE													
WATER PROTECTION													
COM/IND WATER 2.													
COM/IND WATER 5.													
TOTAL													
PAYMENT													

ACCOUNT NUMBER: 16-5720-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	1/31/2007	2/28/2007	3/30/2007	4/30/2007	5/31/2007	6/29/2007	7/31/2007	8/31/2007	9/28/2007	10/31/2007	11/30/2007	12/31/2007	TOTAL
WATER IND	[redacted]												
WATER REVENUE													
WATER PROTECTION													
COM/IND WATER 5.													
COM/IND WATER 2.													
TOTAL													
PAYMENT													

ACCOUNT NUMBER: 16-5721-00 U S ENERGY PARTNERS LLC
ADDRESS: 1068 E 15TH ST

METERED SERVICES:

	1/31/2007	2/28/2007	3/30/2007	4/30/2007	5/31/2007	6/29/2007	7/31/2007	8/31/2007	TOTAL
WATER IND	[redacted]								
CITY IND CONTRAC									
WATER REVENUE									
WATER PROTECTION									
ELECTRIC SERVICE									
FUEL ADJUSTMENT									
COM/IND WATER 2.									
COM/IND WATER 5.									
ELEC 2.0% SALES									
ELEC 5.3% SALES									
TOTAL									
PAYMENT									

ACCOUNT NUMBER: 16-5750-00 U S ENERGY PARTNERS LLC
ADDRESS: 1224 E 15TH ST

METERED SERVICES:

	1/31/2007	2/28/2007	3/30/2007	4/30/2007	5/31/2007	6/29/2007	7/31/2007	8/31/2007	9/28/2007	10/31/2007	11/30/2007	12/31/2007	TOTAL
WATER IND	[redacted]												
WATER REVENUE													
WATER PROTECTIO													
DISPOSAL FEE													
SANITATION													
COM/IND WATER 2													
COM/IND WATER 5													
TOTAL													
PAYMENT													

ACCOUNT NUMBER: 16-5760-00 U S ENERGY PARTNERS LLC
ADDRESS: 1224 E 15TH ST

METERED SERVICES:

	1/31/2007	2/28/2007	4/04/2007	4/30/2007	5/31/2007	6/29/2007	7/31/2007	8/31/2007	9/28/2007	10/31/2007	11/30/2007	12/31/2007	TOTAL
WATER IND	[redacted]												
WATER REVENUE													
WATER PROTECTION													
SEWER													
COM/IND WATER 2.													
COM/IND WATER 5.													
TOTAL													
PAYMENT													

ACCOUNT NUMBER: 16-5770-00 U S ENERGY PARTNERS LLC
ADDRESS: 1224 E 15TH ST

METERED SERVICES:

	1/31/2007	2/28/2007	3/30/2007	4/30/2007	5/31/2007	6/29/2007	7/31/2007	8/31/2007	9/28/2007	10/31/2007	11/30/2007	12/31/2007	TOTAL
CITY IND CONTRAC	[redacted]												
ELECTRIC SERVICE													
FUEL ADJUSTMENT													
ELEC 2.0% SALES													
ELEC 5.3% SALES													
TOTAL													
PAYMENT													

ACCOUNT NUMBER: 16-5830-01 U S ENERGY PARTNERS LLC
ADDRESS: 1299 U S ENERGY DRIVE

METERED SERVICES:

	4/30/2007	5/31/2007	6/29/2007	7/31/2007	8/31/2007	9/28/2007	10/31/2007	11/30/2007	12/31/2007	TOTAL
WATER IND	[redacted]									
WATER REVENUE										
SEWER										
DISPOSAL FEE										
SANITATION										
COM/IND WATER 2.										
COM/IND WATER 5.										
WATER PROTECTION										
TOTAL										
PAYMENT										

SELECTION CRITERIA

ACCOUNT SELECTIONS:

REPORT SELECTION: SELECTED
ACCOUNT NUMBER(S): 16-5690-00, 16-5700-00, 16-5710-00, 16-5720-00, 16-5721-00, 16-5750-00, 16-5760-00, 16-5770-00 16-

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TRANSACTION DATE RANGE: 1/01/2007 THRU 12/31/2007

** END OF REPORT **

C U S T O M E R H I S T O R Y R E P O R T

ACCOUNT NUMBER: 16-5690-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	1/31/2008	2/29/2008	3/31/2008	4/30/2008	5/30/2008	6/30/2008	7/31/2008	8/29/2008	9/30/2008	11/24/2008	11/26/2008	12/29/2008	TOTAL
WATER IND	[redacted]												
CITY IND CONTRAC													
WATER REVENUE													
WATER PROTECTION													
ELECTRIC SERVICE													
FUEL ADJUSTMENT													
DISPOSAL FEE													
SANITATION													
COM/IND WATER 2.													
COM/IND WATER 5.													
ELEC 2.0% SALES													
ELEC 5.3% SALES													
TOTAL													
PAYMENT													
ADJUSTMENT													
PENALTY													

ACCOUNT NUMBER: 16-5700-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	1/31/2008	2/29/2008	3/31/2008	4/30/2008	5/30/2008	6/30/2008	7/31/2008	8/29/2008	9/30/2008	10/31/2008	11/26/2008	12/29/2008	TOTAL
WATER IND	[redacted]												
WATER REVENUE													
WATER PROTECTION													
SEWER													
COM/IND WATER 2.													
COM/IND WATER 5.													
TOTAL													
PAYMENT													
ADJUSTMENT													
PENALTY													

ACCOUNT NUMBER: 16-5710-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	1/31/2008	2/29/2008	3/31/2008	4/30/2008	5/30/2008	6/30/2008	7/31/2008	8/29/2008	9/30/2008	10/31/2008	11/26/2008	12/29/2008	TOTAL
WATER IND	[redacted]												
WATER REVENUE													
WATER PROTECTION													
COM/IND WATER 5.													
COM/IND WATER 2.													
TOTAL													
PAYMENT													

ACCOUNT NUMBER: 16-5720-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	1/31/2008	2/29/2008	3/31/2008	4/30/2008	5/30/2008	6/30/2008	7/31/2008	8/29/2008	9/30/2008	10/31/2008	11/26/2008	12/29/2008	TOTAL
WATER IND	[redacted]												
WATER REVENUE													
WATER PROTECTION													
COM/IND WATER 5.													
COM/IND WATER 2.													
TOTAL													
PAYMENT													
ADJUSTMENT													
PENALTY													

ACCOUNT NUMBER: 16-5750-00 U S ENERGY PARTNERS LLC
ADDRESS: 1224 E 15TH ST

METERED SERVICES:

	1/31/2008	2/29/2008	3/31/2008	4/30/2008	5/30/2008	6/30/2008	7/31/2008	8/29/2008	9/30/2008	10/31/2008	11/26/2008	12/29/2008	TOTAL
WATER IND	[redacted]												
CITY IND CONTRAC	[redacted]												
WATER REVENUE	[redacted]												
WATER PROTECTION	[redacted]												
DISPOSAL FEE	[redacted]												
SANITATION	[redacted]												
COM/IND WATER 2.	[redacted]												
COM/IND WATER 5.	[redacted]												
TOTAL	[redacted]												
PAYMENT	[redacted]												
ADJUSTMENT	[redacted]												
PENALTY	[redacted]												

ACCOUNT NUMBER: 16-5760-00 U S ENERGY PARTNERS LLC
ADDRESS: 1224 E 15TH ST

METERED SERVICES:

	1/31/2008	2/29/2008	3/31/2008	4/30/2008	5/30/2008	6/30/2008	7/31/2008	8/29/2008	9/30/2008	10/31/2008	11/26/2008	12/29/2008	TOTAL
WATER IND	[redacted]												
CITY RESIDENTIAL													
WATER REVENUE													
WATER PROTECTION													
SEWER													
COM/IND WATER 2.													
COM/IND WATER 5.													
TOTAL													
PAYMENT													
ADJUSTMENT													
PENALTY													

ACCOUNT NUMBER: 16-5770-00 U S ENERGY PARTNERS LLC
ADDRESS: 1224 E 15TH ST

METERED SERVICES:

	1/31/2008	2/29/2008	3/31/2008	4/30/2008	5/30/2008	6/30/2008	7/31/2008	8/29/2008	9/30/2008	10/31/2008	11/26/2008	12/29/2008	TOTAL
CITY IND CONTRAC	[redacted]												
ELECTRIC SERVICE													
FUEL ADJUSTMENT													
ELEC 2.0% SALES													
ELEC 5.3% SALES													
TOTAL													
PAYMENT													
ADJUSTMENT													
PENALTY													

ACCOUNT NUMBER: 16-5830-01 U S ENERGY PARTNERS LLC
ADDRESS: 1299 U S ENERGY DRIVE

METERED SERVICES:

	1/31/2008	2/29/2008	3/31/2008	4/30/2008	5/30/2008	6/30/2008	7/31/2008	8/29/2008	9/30/2008	10/31/2008	11/26/2008	12/29/2008	TOTAL
WATER IND	[redacted]												
CITY IND CONTRAC													
WATER REVENUE													
WATER PROTECTION													
SEWER													
DISPOSAL FEE													
SANITATION													
COM/IND WATER 2.													
COM/IND WATER 5.													
TOTAL													
PAYMENT													
ADJUSTMENT													
PENALTY													

SELECTION CRITERIA

ACCOUNT SELECTIONS:

REPORT SELECTION: SELECTED
ACCOUNT NUMBER(S): 16-5690-00, 16-5700-00, 16-5710-00, 16-5720-00, 16-5721-00, 16-5750-00, 16-5760-00, 16-5770-00 16-

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PRINT OPTIONS

TRANSACTION DATE RANGE: 1/01/2008 THRU 12/31/2008

** END OF REPORT **

ACCOUNT NUMBER: 16-5690-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	1/30/2009	2/27/2009	3/31/2009	4/30/2009	6/15/2009	TOTAL
WATER IND	[redacted]					
CITY IND CONTRAC						
WATER REVENUE						
WATER PROTECTION						
ELECTRIC SERVICE						
FUEL ADJUSTMENT						
DISPOSAL FEE						
SANITATION						
COM/IND WATER 2.						
COM/IND WATER 5.						
ELEC 2.0% SALES						
ELEC 5.3% SALES						
TOTAL						
PAYMENT						
ADJUSTMENT						

ACCOUNT NUMBER: 16-5700-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	1/30/2009	2/27/2009	3/31/2009	4/30/2009	6/15/2009	TOTAL
WATER IND	[redacted]					
WATER IND						
WATER REVENUE						
WATER PROTECTION						
SEWER						
COM/IND WATER 2.						
COM/IND WATER 5.						
TOTAL						
PAYMENT						
ADJUSTMENT						
PENALTY						

ACCOUNT NUMBER: 16-5710-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	1/30/2009	2/27/2009	3/31/2009	4/30/2009	6/15/2009	TOTAL
WATER IND	[redacted]					
WATER REVENUE						
WATER PROTECTION						
COM/IND WATER 5.						
COM/IND WATER 2.						
TOTAL						
PAYMENT						
ADJUSTMENT						

ACCOUNT NUMBER: 16-5720-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	1/30/2009	2/27/2009	3/31/2009	4/30/2009	6/15/2009	TOTAL
WATER IND	[redacted]					
WATER REVENUE						
WATER PROTECTION						
COM/IND WATER 2.						
COM/IND WATER 5.						
TOTAL						
PAYMENT						
ADJUSTMENT						
PENALTY						

ACCOUNT NUMBER: 16-5750-00 U S ENERGY PARTNERS LLC
ADDRESS: 1224 E 15TH ST

METERED SERVICES:

	1/30/2009	2/27/2009	3/31/2009	4/30/2009	6/15/2009	TOTAL
WATER IND	[redacted]					
CITY IND CONTRAC						
WATER REVENUE						
WATER PROTECTION						
DISPOSAL FEE						
SANITATION						
COM/IND WATER 2.						
COM/IND WATER 5.						
TOTAL						
PAYMENT						
ADJUSTMENT						
PENALTY						

ACCOUNT NUMBER: 16-5760-00 U S ENERGY PARTNERS LLC
ADDRESS: 1224 E 15TH ST

METERED SERVICES:

	1/30/2009	2/27/2009	3/31/2009	4/30/2009	6/15/2009	TOTAL
WATER IND	[redacted]					
CITY RESIDENTIAL						
WATER IND						
WATER REVENUE						
WATER PROTECTION						
SEWER						
COM/IND WATER 2.						
COM/IND WATER 5.						
TOTAL						
PAYMENT						
ADJUSTMENT						
PENALTY						

ACCOUNT NUMBER: 16-5770-00 U S ENERGY PARTNERS LLC
ADDRESS: 1224 E 15TH ST

METERED SERVICES:

	1/30/2009	2/27/2009	3/31/2009	4/30/2009	6/15/2009	TOTAL
CITY IND CONTRAC	[redacted]					
ELECTRIC SERVICE						
FUEL ADJUSTMENT						
ELEC 2.0% SALES						
ELEC 5.3% SALES						
TOTAL						
PAYMENT						
ADJUSTMENT						
PENALTY						

ACCOUNT NUMBER: 16-5830-01 U S ENERGY PARTNERS LLC
ADDRESS: 1299 U S ENERGY DRIVE

METERED SERVICES:

	1/30/2009	2/27/2009	3/31/2009	4/30/2009	6/15/2009	TOTAL
WATER IND	[redacted]					
CITY IND CONTRAC						
WATER IND						
WATER REVENUE						
WATER PROTECTION						
SEWER						
DISPOSAL FEE						
SANITATION						
COM/IND WATER 2.						
COM/IND WATER 5.						
TOTAL						
PAYMENT						
ADJUSTMENT						
PENALTY						

ACCOUNT NUMBER: 17-5690-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	6/30/2009	7/31/2009	8/05/2009	8/20/2009	8/31/2009	9/17/2009	9/30/2009	10/15/2009	10/30/2009	11/18/2009	11/30/2009	12/17/2009	TOTAL
WATER IND	[redacted]												
CITY IND CONTRAC													
WATER REVENUE													
WATER PROTECTION													
ELECTRIC SERVICE													
FUEL ADJUSTMENT													
DISPOSAL FEE													
SANITATION													
COM/IND WATER 2.													
COM/IND WATER 5.													
ELEC 2.0% SALES													
ELEC 5.3% SALES													
TOTAL													
PAYMENT													
ADJUSTMENT													
DEPOSIT													

ACCOUNT NUMBER: 17-5700-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	6/30/2009	7/17/2009	7/31/2009	8/05/2009	8/20/2009	8/31/2009	9/17/2009	9/30/2009	10/15/2009	10/30/2009	11/18/2009	11/30/2009	TOTAL
WATER IND	[redacted]												
WATER REVENUE													
WATER PROTECTION													
SEWER													
COM/IND WATER 2.													
COM/IND WATER 5.													
TOTAL													
PAYMENT													

ACCOUNT NUMBER: 17-5710-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	6/30/2009	7/17/2009	7/31/2009	8/05/2009	8/20/2009	8/31/2009	9/17/2009	9/30/2009	10/15/2009	10/30/2009	11/18/2009	11/30/2009	TOTAL
WATER IND	[redacted]												
WATER REVENUE													
WATER PROTECTION													
COM/IND WATER 5.													
COM/IND WATER 2.													
TOTAL													
PAYMENT													

ACCOUNT NUMBER: 17-5720-00 U S ENERGY PARTNERS LLC
ADDRESS: 1030 E 15TH ST

METERED SERVICES:

	6/30/2009	7/17/2009	7/31/2009	8/05/2009	8/20/2009	8/31/2009	9/17/2009	9/30/2009	10/15/2009	10/30/2009	11/18/2009	11/30/2009	TOTAL
WATER IND	[redacted]												
WATER REVENUE													
COM/IND WATER 2.													
COM/IND WATER 5.													
TOTAL													
PAYMENT													

ACCOUNT NUMBER: 17-5750-00 U S ENERGY PARTNERS LLC
ADDRESS: 1224 E 15TH ST

METERED SERVICES:

	6/30/2009	7/17/2009	7/31/2009	8/05/2009	8/20/2009	8/31/2009	9/17/2009	9/30/2009	10/15/2009	10/30/2009	11/18/2009	11/30/2009	TOTAL
WATER IND	[redacted]												
WATER REVENUE													
WATER PROTECTION													
DISPOSAL FEE													
SANITATION													
COM/IND WATER 2.													
COM/IND WATER 5.													
TOTAL													
PAYMENT													

ACCOUNT NUMBER: 17-5760-00 U S ENERGY PARTNERS LLC
ADDRESS: 1224 E 15TH ST

METERED SERVICES:

	6/30/2009	7/31/2009	8/05/2009	8/20/2009	8/31/2009	9/17/2009	9/30/2009	10/15/2009	10/30/2009	11/18/2009	11/30/2009	12/17/2009	TOTAL
WATER IND	[redacted]												
WATER REVENUE													
WATER PROTECTION													
SEWER													
COM/IND WATER 2.													
COM/IND WATER 5.													
TOTAL													
PAYMENT													
ADJUSTMENT													
DEPOSIT													

ACCOUNT NUMBER: 17-5770-00 U S ENERGY PARTNERS LLC
ADDRESS: 1224 E 15TH ST

METERED SERVICES:

	7/20/2009	7/31/2009	8/05/2009	8/20/2009	8/31/2009	9/17/2009	9/30/2009	10/15/2009	10/30/2009	11/18/2009	11/30/2009	12/17/2009	TOTAL
CITY IND CONTRAC	[redacted]												
FUEL ADJUSTMENT													
ELECTRIC SERVICE													
ELEC 2.0% SALES													
ELEC 5.3% SALES													
TOTAL													
PAYMENT													
ADJUSTMENT													
DEPOSIT													

ACCOUNT NUMBER: 17-5830-00 U S ENERGY PARTNERS LLC
ADDRESS: 1299 U S ENERGY DRIVE

METERED SERVICES:

	6/30/2009	7/17/2009	7/31/2009	8/05/2009	8/20/2009	8/31/2009	9/17/2009	9/30/2009	10/15/2009	10/30/2009	11/18/2009	11/30/2009	TOTAL
WATER IND	[redacted]												
WATER REVENUE													
SEWER													
DISPOSAL FEE													
SANITATION													
COM/IND WATER 2.													
COM/IND WATER 5.													
WATER PROTECTION													
TOTAL													
PAYMENT													

SELECTION CRITERIA

ACCOUNT SELECTIONS:

REPORT SELECTION: SELECTED
ACCOUNT NUMBER(S): 16-5690-00, 16-5700-00, 16-5710-00, 16-5720-00, 16-5721-00, 16-5750-00, 16-5760-00, 16-5770-00 16-

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PRINT OPTIONS

TRANSACTION DATE RANGE: 1/01/2009 THRU 12/31/2009

** END OF REPORT **

U.S. Energy Partners, LLC
Natural Gas Cost Summary
2008

Month	Usage Dth	ONEOK Energy Marketing	Total Supplier Costs	Kinder Morgan Interstate Pipeline	Kansas Gas Service	Total Nat Gas Costs	Cost/Dth
Jan-08	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Feb-08	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Mar-08	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Apr-08	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
May-08	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Jun-08	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Jul-08	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Aug-08	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Sep-08	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Oct-08	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Nov-08	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Dec-08	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
TOTALS	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

[redacted]

U.S. Energy Partners, LLC
Natural Gas Cost Summary
2009

Month	Usage Dth	ONEOK Energy Marketing	Constellation New Energy	PRG LC	Total Supplier Costs	Kinder Morgan Interstate Pipeline	Kansas Gas Service	Total Nat Gas Costs	Cost/Dth
Jan-09	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Feb-09	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Mar-09	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Apr-09	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
May-09	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Jun-09	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Jul-09	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Aug-09	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Sep-09	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Oct-09	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Nov-09	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Dec-09	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
TOTALS	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

CITY OF

Russell

P.O. Box 112
133 W. 8th
Russell, KS 67665-0112
Phone: (785) 483-6311
Fax: (785) 483-4397

December 8, 2010

Dave Harry, Controller
White Energy
1030 E. 15th
Russell, KS 67665

The electric sources for the Russell municipal electrical system for the years 2008 and 2009 are shown below.

Residual Oil	[redacted]
Natural gas	
Coal	
Nuclear	
Biomass	
Renewable (hydro, Wind, and geothermal)	
Total	

Please call if you have any questions, or need additional information.

Sincerely,

Sheldon Hamilton

Sheldon L. Hamilton
Finance Director, Treasurer, Clerk

MUREX
N.A. LTD.

December 8, 2010

Mr. Ron Dunbar
Vice President – Manufacturing
White Energy
99 Progressive Road
Hereford, TX 79045

Ron,

As you requested, please see below the total ethanol shipments in gallons by year from each of White Energy's plants.

Plant	2008	2009
Russell	[redacted]	
Hereford		
Plainview		

Any questions, please reply.

Best regards,

Trey Morrison

Trey Morrison
Logistics Coordinator

TEL 972-702-0021 5057 KELLER SPRINGS RD. • SUITE 150 • ADDISON, TX 75001 FAX 972-960-2135

10801 Mastin Suite 800
Overland Park, KS 66210-1658
913-338-1474
800-487-1474
Fax: 913-338-2999
www.scoular.com

The Scoular Company

December 8, 2010

Ron Dunbar
White Energy, Inc.
5005 LBJ Freeway, Suite 1400
Dallas, TX 75244

Re: White Energy grain purchases

Mr. Dunbar,

The following tables summarize grain sales to, and distillers grain purchases from, White Energy for The Scoular Company during calendar 2008 and 2009.

Grain Purchases

2008	Russell		Plainview	
Corn	[redacted]	Bushels	[redacted]	Bushels
Milo		Bushels		Bushels
Wheat		Bushels		Bushels
Total		Bushels		Bushels

2009	Russell		Plainview*	
Corn	[redacted]	Bushels	[redacted]	Bushels
Milo		Bushels		Bushels
Wheat		Bushels		Bushels
		Bushels		Bushels

*The Plainview, TX facility was idle for 7-8 months of the year.

Distillers Sales

2008	Russell	
WDGS	[redacted]	Tons
DDGS		Tons
Midds		Tons
Total		Tons

2009	Russell	
WDGS	[redacted]	Tons
DDGS		Tons
Midds		Tons
Total		Tons

Should you need additional data or further assistance please let me know.

Best Regards,

Eric T. Perry

Eric T. Perry
The Scoular Company

As provided for in K.S.A. 65-3008b(e), an owner or operator may request a hearing within 15 days after affirmations, modification or reversal of a permit decision pursuant to subsection (b) of K.S.A. 65-3008a. In the Request for Hearing, the owner or operator shall specify the provision of this act or rule and regulation allegedly violated, the facts constituting the alleged violation and secretary's intended action. Such request must be submitted to: Director, Office of Administrative Hearings, 1020 S. Kansas Avenue, Topeka, Kansas 66612-1327. Failure to submit a timely request shall result in a waiver of the right to hearing.

The source identification number listed above should be used in all communication with the department about the permitted facility.

If you have any questions, please direct any questions to me at (785) 296-1581.

Sincerely,

Terry Tavener

Terry Tavener
Engineering Associate
Air Permitting Section

TTT:saw
Enclosure
c: NWDO
c: Russ Brichacek, BAR Topeka
O-7520

KANSAS

DEPARTMENT OF HEALTH
AND ENVIRONMENT
Division of Environment

Kathleen Sebelius, Governor
Roderick L. Bremby, Secretary

www.kdheks.gov

AIR EMISSION SOURCE
CLASS II OPERATING PERMIT

Source ID No.:	1670029
Effective Date:	February 11, 2008
Expiration Date:	Valid until modified, revoked, or otherwise determined invalid
Source Name:	US Energy Partners, LLC
NAICS:	325193, Ethyl Alcohol Manufacturing
SIC:	2869, Industrial Organic Chemicals Not Elsewhere Classified
Site Location:	1224 E. 15th Street Russell (Russell County), Kansas
Mailing Address:	1224 E. 15th Street Russell, Kansas 67665
Contact Person:	Mike Ernst Plant Manager Telephone Number (785) 483-1090

This permit is issued pursuant to K.S.A. 65-3008 as amended.

DIVISION OF ENVIRONMENT
Bureau of Air & Radiation
Air Permitting Section
CURTIS STATE OFFICE BUILDING, 1000 SW JACKSON ST., STE. 310, TOPEKA, KS 66612-1366
Voice 785-296-1570 Fax 785-291-3953

Description of Activity Subject to Air Pollution Control Regulations

An air construction permit was issued to US Energy Partners, LLC by the Kansas Department of Health and Environment (KDHE) on March 29, 2001, to operate an ethanol plant producing up to forty-five (45) million gallons of fuel grade ethanol per year to be located in Russell, Kansas. On March 1, 2005, an air construction permit was issued to US Energy Partners, LLC by KDHE to increase the fuel grade ethanol per year output to forty-eight (48) million gallons and on March 10, 2006, an air emission source approval was issued by KDHE to increase the fuel grade ethanol per year output to fifty-five (55) million gallons. The plant was constructed and is currently operating under the requirements and emission limitations detailed in the air quality construction permits and approval listed above and pursuant to US Environmental Protection Agency (EPA) Consent Decree, case No. 6:05-cv-1011 of the U.S. District Court of Kansas.

KDHE has reviewed the air quality requirements associated with the Class II operating permit. The proposed activity is subject to the provisions of K.A.R. 28-19-540.

Permit Intent

The purpose of this permit is to limit the potential-to-emit to below major source thresholds in accordance with K.A.R. 28-19-540. For this facility, emissions of carbon monoxide (CO), oxides of nitrogen (NO_x), sulfur dioxide (SO_2), volatile organic compounds (VOC), particulate matter (PM/PM-10) and hazardous air pollutants (HAPs) were evaluated in determining the potential-to-emit. This permit includes restrictions that will limit the potential-to-emit of these pollutants to below major source thresholds.

Air Emission Estimates from the Facility

Table 1: Emissions (Tons per Year)

Pollutants Reviewed	Potential-to-Emit[1] Post-permit	Estimated Operating[2]
Carbon Monoxide (CO)	<95	94.77
Nitrogen Oxides (NO_x)	<95	30.36
Sulfur Dioxide (SO_2)	<95	17.96
VOC	<95	94.88
PM	<95	66.84
PM-10	<95	30.58
Single HAP	<9	7.45
Combined HAPs	<24	12.07

1 Potential-to-emit means the maximum capacity of a stationary source to emit a pollutant under its physical and operational design. Any physical or operational limitation on a capacity of the source to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored or processed, shall be treated as part of its design if the limitation or the effect it would have on emissions is federally enforceable.

2 Estimated operating emissions are those emissions from a stationary source based on expected conditions and hours of operation.

Permit Limitation Requirements

For the duration of this permit:

1. The maximum production rate of the ethanol manufacturing plant shall not exceed fifty-five (55) million gallons of product grade denatured alcohol during each consecutive twelve-month period.

2. The amount of grain used in the alcohol manufacturing process shall be no greater than 550,000 tons during any consecutive twelve (12) month period.

3. The total combined heat input of fuels fed to the existing Superior boiler, plus that of the Nationwide boiler approved on January 28, 2005, shall be no greater than 112.6 million Btu per hour, averaged over each consecutive thirty (30) day period.

4. The total combined heat input of fuels fed to the Superior and Nationwide boilers, plus that of the plant's Distillers Dried Grain and Solubles (DDGS) dryer shall be no greater than 1,336,776 Million Btu during any consecutive twelve (12) month period.

5. The emissions of VOC from the cooling cyclone, measured as the average of three (3) one hour stack tests, utilizing the method(s) specified in the EPA consent decree, shall be no greater than 0.89 pounds per hour.

6. Exhaust from the DDGS dryer, the centrate tank and the distillation units (misc. process vent(s)), shall be captured and routed to the regenerative thermal oxidizer (RTO) for destruction of the organic content of this stream.

    a. Treatment of the exhaust from the DDGS dryer, the centrate tank and the distillation units (misc. process vent(s)), directed to the thermal oxidizer, shall achieve:

        i. either a 95% by weight reduction of VOC, or shall contain no greater than 10 parts per million (PPM) of VOC; and

        ii. either a 98% by weight reduction of total organic HAP, or shall contain no greater than 20 PPM as organic HAP or Total Organic Compounds (TOC); and

        iii. either 90% reduction of CO emissions, or emissions no greater than 100 PPM of CO; and

        iv. reduction of PM measured as the average of three (3) one hour stack tests, utilizing EPA method 5 sampling methodology, shall be no greater than 3.0 pounds per hour.

7. Whenever the dryer is in operation, the RTO must be operating. The minimum RTO operating temperature, measured as a one hour average temperature, shall be maintained at or above 1,655 degrees Fahrenheit. If the RTO is down, then the dryer shall not operate.

8. When the RTO is not in service, the process scrubber shall operate to control process emissions normally controlled by the RTO.

9. US Energy shall only operate under the circumstances listed below. The owner or operator shall operate only one practice at a time and must follow all limits contained there in.

   a. Operating Practice Number One (1)

      i. The dryer and RTO shall operate concurrently

      ii. KDHE does not limit the production of wet cake product

      iii. KDHE does not limit the ethanol loadout by truck or rail. Ethanol may be loaded out 100% by rail, 100% by truck, or any combination in between.

      iv. KDHE does not limit the production of DDGS. (*the owner or operator shall follow all previous and current emission limits set for this facility*).

   b. Operating Practice Number Two (2)

      i. The dryer and RTO shall remain installed to comply with the Consent Agreement, but do not operate.

      ii. The process scrubber shall be in service to control process emissions that the RTO controls in Operating Practice Number 1.

      iii. KDHE does not limit the ethanol loadout by truck or rail. Ethanol may be loaded out 100% by rail, 100% by truck, or any combination in between.

      iv. Wet cake production shall not exceed 457,157 tons per any 12 consecutive month period.

10. Exhaust from the fermentation units (including the beer well) shall be captured and directed to the existing carbon dioxide (CO2) scrubber for removal of the organic content of this stream.

    a. Treatment of the exhaust from the fermentation units (including the beer well), directed to the existing CO2 scrubber shall achieve:

       i. either a 95% reduction of VOC, or no greater than 10 PPM of VOC; and

       ii. either a 98% reduction by weight of total organic HAP or emissions no greater than 20 PPM as organic HAP, or TOC

11. The load-out of product ethanol into trucks shall be operated as a closed vent system. Vent gases from truck load-out operations shall be captured and vented to an existing flare for destruction of the organic content of this vent stream.

12. All railcars employed for transportation of product ethanol from the plant shall be dedicated to ethanol use only.

13. The program described in the approved Control Technology Plan (pursuant to the EPA Consent Decree) shall be implemented to minimize fugitive dust emissions from the facility operations.

14. Beginning no later than 180 days following the start-up of the last piece of control equipment required in the approved Control Technology Plan, U. S. Energy shall continually operate the facility so as not to exceed source-wide allowable emissions of 9.0 TPY for any single HAP or 24.0 TPY for any combination of all HAPs based on a 12-month rolling sum, rolled monthly, and recorded monthly. For the first eleven months, beginning no later than 180 days following start-up of the last piece of control equipment required in the approved Control Technology Plan, compliance with the 12-month rolling sum will be demonstrated based on the schedule to meet applicable emission caps as set forth in the approved Control Technology Plan.

15. Beginning no later than 180 days following start-up of the last piece of control equipment required in its approved Control Technology Plan, U.S. Energy shall continually operate the facility so as not to exceed the source-wide allowable emission caps of 95 TPY for each pollutant for VOCs, PM, PM_{10}, SO_2, NO_X, and CO based on a 12-month rolling sum, rolled monthly, and recorded monthly. For the first 11 months, beginning no later than 180 days following start-up of the last piece of control equipment required in the approved Control Technology Plan, compliance with the 12-month rolling sum will be demonstrated based on a schedule to meet applicable emission caps as set forth in the approved Control Technology Plan.

Facility-Wide Limitations

1. All conditions, requirements, and/or limitations contained in all previously issued air construction permits and/or air construction approvals not explicitly revised or modified by this permit shall remain in effect. In the event conditions, requirements and/or limitations contained herein duplicate a condition, requirement, or limitation contained in any previously issued air quality permit and/or approval, and the condition, requirement, or limitation is not identical, the condition(s), requirement(s) or limitation(s) contained herein shall prevail.

Performance Testing Protocol

The owner or operator shall prepare and submit a performance testing protocol to the department at least thirty (30) days in advance of a performance test meeting required by this permit (see next section). The protocol shall be prepared in accordance with Attachment A to this permit.

Performance Test Meeting

The owner or operator shall arrange a performance test meeting with the department, either in person, or via a telephone conference call, at least thirty (30) days in advance of the date that the performance testing required by this permit is to be conducted. The purpose of the meeting shall be to outline and discuss the schedule and implementation plans for conducting the performance testing required by this permit. The department may elect to have an observer(s) on-site at the facility during any or all performance testing required by this permit.

Performance Test Requirements

1. All performance testing, notifications, reporting of results and performance test compliance time-frames shall be conducted/deadlines met in accordance with the requirements of 40 CFR 60.8.

2. The frequency of performance testing required by this permit shall commence three (3) years following the termination of the Consent Degree. The frequency of testing shall be once during each three (3) year period, so long as each test is completed successfully. In the event that a performance test is not completed successfully, the frequency of testing shall be once annually. The annual tests must be completed no less than nine (9) and no greater than twelve (12) months apart. Upon successful completion of three (3) consecutive annual tests, the frequency of testing may be reduced to once during each three (3) year period.

3. For the purpose of the permit, a *successful performance test* means a test completed in accordance with a performance test protocol approved by the department, during which all of the emissions limitations required by this permit were met.

4. Performance testing shall be conducted in accordance with a performance test protocol approved by the department to verify compliance with the emission limitations, conditions and requirements of this permit.

Permit Recordkeeping Requirements

1. The owner or operator shall monitor and record the value of the parameter(s) (throughput, production rate, heat input rate, etc.) as specified in this permit, to the satisfaction of KDHE, as necessary to demonstrate compliance with the limitation, condition, or requirement. All records shall be in units of the Permit Limitation Requirements section (earlier) and shall reflect totals for the most recent time period.

2. The owner or operator shall monitor and record the quantity of the quantity of fuel grade denatured ethanol produced during each consecutive 12 month period to demonstrate compliance with *Permit Limitation Requirement 1* (earlier) of this permit

3. The owner or operator shall monitor and record the quantity of grain processed during each consecutive 12 month period to demonstrate compliance with *Permit Limitation Requirement 2 (earlier)* of this permit.

4. The owner or operator shall monitor and record the total combined heat input of fuels fed to the Superior boiler, plus that of the Nationwide boiler, averaged over each consecutive thirty (30) day period to demonstrate compliance with *Permit Limitation Requirement 3 (earlier)* of this permit.

5. The owner or operator shall monitor and record the total combined heat input of fuels fed to the Superior and Nationwide boilers, plus that of the plant's Distillers Dried Grain and Solubles (DDGS) dryer during each consecutive 12 month period to demonstrate compliance with *Permit Limitation Requirement 4 (earlier)* of this permit.

6. The owner or operator shall monitor and record the wet cake production during each consecutive 12 month period to demonstrate compliance with *Permit Limitation Requirement 9.b.iv (earlier - Operating Practice Number Two)* of this permit.

7. The owner or operator shall maintain each record required by this section and the *Permit Limitation Requirements* section according for the following time periods:

    a. For **Permit Limitation Requirements 1, 2, 3, 4, 9.b.iv, 14 and 15** which relate to operation processing, production rates and the calculations of source-wide allowable emission caps, records shall be updated monthly, no later than the last day of the following calendar month [K.A.R 28-19-501(c)]. Each record required by this section shall be maintained on-site for a period of at least of two (2) years from the date of the record.

    b. For **Air Emission Limitations specified in** *Permit Limitation Requirements 5, 6.a, and 10.a* (earlier) which relate to air emission rates, performance test records shall be maintained to estimate actual air emissions for the source. Each record required by this section shall be maintained on-site for a period of at least two (2) years from the date of the record during the once annually frequency of testing period. If the testing period increases to a frequency of once each three (3) years, each record required by this section shall be maintained on-site for a period of at least six (6) years from the date of the record.

8. The owner or operator shall maintain a written log showing the date of all routine or other maintenance, malfunction or repair of the regenerative thermal oxidizer, fermentation CO_2 scrubber, baghouses, cooling cyclone, and truck loadout flare; the nature of the action taken on such date and any corrective action or preventive measures taken.

Permit Reporting Requirements

1. In accordance with K.A.R. 28-19-546(a), the owner or operator shall submit all operating or relevant information to estimate actual air emissions for the source for the preceding calendar year to KDHE. This information shall be submitted on forms provided or approved by KDHE. If forms and instructions have not been received 30 days prior to the date specified under K.A.R. 28-19-546(a), the owner or operator should contact KDHE.

2. If, at any time, the facility's actual operations exceed 85% of the operational limitations of this permit (i.e. 46.75 million gallons per year denatured ethanol), the owner or operator shall submit a report to KDHE within 45 days of the last day of the month following the conclusion of the calendar quarter [K.A.R 28-19-501(c)(1)]. **This section applies only to Permit Recordkeeping Requirement 7. (a).** (operational records that are updated monthly)

3. If, at any time, the facility's actual operations exceed the operational limitations of this permit, the owner or operator shall:

   a. notify KDHE in writing of any operational exceedance. This notification shall be mailed or delivered the first working day following discovery of the exceedance.

   b. submit to KDHE a compliance plan stating those actions being taken by the owner or operator to assure future compliance with the operational limitations. This plan shall be submitted within 60 days of discovering the exceedance. This plan will clearly state if an application for a Class II permit modification or if an application for a Class I operating permit will be submitted. Any such application will be filed within 180 days of discovering the exceedence.

   Submitting any or all of these reports does not shield the owner or operator from enforcement action for exceeding the permit limitations or for other violations of the Kansas Air Quality Act or Regulations.

Permit Modification

1. The owner or operator must submit a complete application for modification of this permit if there is any increase of the potential-to-emit (PTE) for the pollutants limited in this permit or if there is an increase in PTE for any regulated pollutant above the major source threshold. This application for modification must be submitted within 180 days of the initial startup of the modification.

2. A construction permit or approval must be issued by KDHE prior to commencing any construction or modification of equipment or processes which results in potential emission increases equal to or greater than the thresholds specified in K.A.R. 28-19-300.

General Provisions

1. Upon presentation of credentials and other documents as may be required by law, representatives of KDHE (including authorized contractors of the KDHE) shall be allowed by the permittee to:

   a. enter upon the premises where a regulated facility or activity is located or conducted or where records must be kept under conditions of this document;

   b. have access to and copies of, at reasonable times, any records that must be kept under conditions of this document;

   c. inspect at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this document; and

   d. sample or monitor, at reasonable times, for the purposes of assuring compliance with this document or as otherwise authorized by the Secretary of the KDHE, any substances or parameters at any location.

2. The emission unit or stationary source which is the subject of this document shall be operated in compliance with all applicable requirements of the Kansas Air Quality Act and the Federal Clean Air Act, and all applicable regulations promulgated under the Kansas Air Quality Act and the Federal Clean Air Act.

3. This document is subject to periodic review and amending as deemed necessary to fulfill the intent and purpose of the Kansas Air Quality Statutes and the Kansas Air Quality Regulations.

4. This document does not relieve the permittee of the obligation to obtain other approvals, permits, licenses, or documents of sanction which may be required by other federal, state, or local government agencies.

Permit Engineer

Terry Tavener

Terry Tavener
Engineering Associate
Permitting Section

2/11/08
Date Signed

TTT:saw
c: NWDO
O-7520

Permit Addendum

The following equipment and operations were evaluated to calculate the potential-to-emit for the facility:

1. Grain Processing Facilities:

    a. Grain Receiving and unloading equipment. The emissions will be vented to a baghouse, identified as FX-150 and will have a rated gas flow of 40,000 cubic feet per minute at 60° F.

    b. Two (2) hammermills. The emissions will be vented to a baghouse.

    c. Equipment necessary for loading distiller's dried grain and solubles (DDGS) into trucks for shipment off-site.

2. One (1) Ethanol Manufacturing Plant: storage tanks, various pumps, piping and valves, fermentation process vessels, a carbon dioxide scrubber, distillation units, a molecular sieve, condensers, centrifuges, evaporators, two boilers and one (1) regenerative thermal oxidizer.

    Specific plant equipment:

    a. Two (2) Tanks (T850 & T851) - Each 39,000 Gallons (147.6 cubic meters) with a vertical fixed roof for the purpose of storing 190 (95%) proof ethanol.

    b. Two (2) Tanks (T860 & T861) - Each 39,000 Gallons (147.6 cubic meters) with a vertical fixed roof for the purpose of storing 200 proof (100%) ethanol.

    c. One (1) Tank (T865) 39,000 Gallon (147.6 cubic meters) with an internal floating roof and seal system for the purpose of storing denaturant.

    d. Two (2) Tanks (T870 & T871) - Each 500,000 Gallons (1,892.7 cubic meters) with an internal floating roof and seal system for the purpose of storing denatured product grade ethanol.

    e. Hard Piping and Equipment (as defined in 40 CFR 60.481), including various piping, approximately 18 pumps, 329 valves in light liquid service, and 132 valves in gas/vapor service.

    f. One (1) Fermentation and Distillation System. The emissions from the fermentation portion will be vented to an ICM packed bed impingement scrubbing tower scrubber.(identified as V-390) The emissions from the distillation portion will be vented to an ICM packed bed impingement scrubbing tower scrubber.(identified as V-380)

g. One (1) Superior Natural Gas Fired Boiler (72.6 MMBtu/hr maximum rated heat input capacity) and One (1) Nationwide Natural Gas Fired Boiler (86 MMBtu/hr maximum rated heat input capacity), each equipped with low NOx burners. The combined heat input of fuel fed to the two boilers shall be no greater than 112.6 million Btu per hour, averaged over each consecutive 30 day period.

h. One (1) Dryer (Duct Burner) with a maximum design heat input rate of 40 MM Btu per hour fired by natural gas only for the purpose of drying the wet distillers grain (WDG).

i. One (1) Cyclone DDGS Cooling and Conveying System, designed to operate at a gas flow rate of 24,000 cubic feet per minute at 85 degrees Fahrenheit, for the purpose of cooling and separating the DDGS prior to storage and load-out areas.

j. One (1) Loading Rack Terminal for the purpose of transferring denatured ethanol to trucks and railcars for shipment off-site. Railcars will be top-submerge filled and trucks will be bottom loaded.

k. One (1) cooling tower with a design water circulation rate of 982,000 gallons per hour.

l. Paved Plant roads

m. Emergency Equipment, One (1) 375 horsepower Diesel powered reciprocating engine (Clarke Diesel Engine, Model JW6H-UF60) for the purpose of driving an emergency fire water pump.

3. Air Pollution Control Equipment

All air pollution control equipment must be properly installed, operated and maintained at all times whenever the emissions source that it is designated to control is operating.

a. One Eisenman regenerative thermal oxidizer equipped with a 350 horsepower electric fan rated at 44,000 scfm, operating at a maximum heat input of 8.0 MM Btu per hour.

b. One (1) Cyclone (E-750B) for the purpose of controlling emissions from the DDGS cooling and conveying system. The cyclone is designed for a gas flow-rate of 24,000 cubic feet per minute at a temperature of 85 degrees Fahrenheit.

c. One (1) Fabric Filter Baghouse (FX-150) for the purpose of controlling particulate matter emissions from the grain receiving and unloading equipment. The baghouse will have a rated gas flow of 40,000 cubic feet per minute at 60° F.

d. One (1) Fabric Filter Baghouse (FX-190) for the purpose of controlling particulate emissions from operation of the two hammer mills. The unit is designed for a 8,000 cubic foot per minute flow rate while operating at 60° F.

e. One (1) Truck Loadout Flare (6.4 MMBtu/hr) for the purpose of controlling emissions from the truck loading/unloading terminal.

f. One (1) Packed Bed Scrubber (V-390) for the purpose of treating the exhaust streams from the beer well and the fermenters. The unit is designed for a control efficiency of a minimum of 95% (overall).

g. One (1) Packed Bed Scrubber (V-380) for the purpose of treating the exhaust streams from the distillation portion. The unit is designed for a control efficiency of approximately 90% (overall).

Attachment A

Performance Test Protocol Requirements

US Energy Partners, LLC
Russell, Kansas

A detailed performance test protocol, describing all test equipment, procedures, and quality assurance (QA) measures is to be prepared. The protocol must describe the specific sample collection method(s), analytical method(s), facility operating conditions, and parameters to be measured/monitored during the each performance test required by this permit. The following outline identifies the required elements of the performance test protocol.

Project Description

The project description should provide a general description of the proposed project and the testing to be performed. Where appropriate, the following shall be included:

a. Description of plant processes and control equipment, including flow diagrams.

b. Proposed operation ranges (production rate(s) temperature(s), flow rate(s), etc.) for the major plant equipment/processes and air pollution control equipment during the stack test program. Performance testing shall be conducted while the plant/processes/air pollution control equipment is operating at conditions representative of how the plant is expected to be operated on an everyday basis, but no less than at 90% of the maximum design rate, unless approved otherwise by the department.

c. List of operation and emission parameters to be measured during the test and typical operating ranges for these parameters.

d. Proposed schedule for conducting the performance testing.

Project Organization and Responsibility

A table or chart that identifies the plant and stack testing personnel responsible for conducting the performance test, showing each persons responsibilities and the chain of command.

Quality Assurance Objectives for Measuring Data

Data quality objectives shall be determined and presented in the report submitted to the department for each measurement to ensure that the data collected is appropriate the intended use.

General Sampling Procedure

For each monitored parameter, a description of the sampling procedures to be used shall be provided. Officially approved EPA procedures and Reference Methods must be used where applicable. The general description shall include the following:

a. Stack diagram showing test ports, their distances from upstream and downstream disturbances, the stack diameter, planned sampling equipment and monitoring locations.

b. The proposed method for the determination of the presence and degree of cyclonic flow.

c. The proposed number of sampling traverse points, sampling time at each point, and total sampling volume.

d. A detailed description of all sampling, sample recovery, and analytical procedures. The entire procedure in the case of nonstandard procedures or modifications should be described with justifications and necessary data for backup. Options offered by the Reference Method should be selected and justified.

e. Any special conditions for the preparation of the sampling equipment and containers to avoid sample contamination.

f. Samples of forms to be used to record sample history, sampling conditions, and plant operating conditions.

g. Methodology for measurement of plant and pollution control device operating conditions.

h. If more than one sampling train is to be used, detailed description of the relevant sequencing and logistics.

i. If Continuous Emission Monitors (CEMs) are to be used, detailed description of the operating and data logging procedures.

Specific Sampling Procedures

1. Performance tests for the **Regenerative Thermal Oxidizer**, shall include the following tests:

Test Method	Parameter/Pollutant
USEPA Method 1:	Sampling Location and Cyclonic Flow Determination
USEPA Method 2:	Determination of Stack Gas Velocity and Volumetric Flow Rate
USEPA Method 3A of 3B:	Stack Gas Molecular Weight
USEPA Method 4:	Stack Gas Moisture Content
USEPA Method 5:	Particulate Matter Emission Rate
USEPA Method 10	Carbon Monoxide Emission Rate
USEPA Method 18	GC/FID analysis with on site testing required (acetaldehyde, acetic acid, acrolein, ethanol, formaldehyde, formic acid, lactic acid and methanol).
USEPA Method 25A	Determination of Total VOC and HAP Emissions
USEPA Method 202	Condensable Particulate Matter Emission Rate

2. Performance tests for the **emergency fire pump**, shall include one of the following methods:

Compliance with emission standards for a 375 hp fire pump engine manufactured prior to 2009 shall be demonstrated by one of the methods listed under 40 CFR 60.4211 (b) as follows:

a. Purchasing a certified engine according to 40 CFR Part 89; **OR**

b. Keeping records of performance test results for each pollutant for a test conducted on a similar engine using methods specified in Subpart IIII; **OR**

c. Keeping records of engine manufacturer data indicating compliance with the emission standards; **OR**

d. Conduct an initial performance test to demonstrate compliance with the emission standards as specified in 40 CFR 60.4212. The performance test shall be conducted according to the in-use testing procedures in 40 CFR part 1039, subpart F.

3. Performance tests for the **Fermentation CO2 Scrubber** shall include the following:

Test Method	Parameter/Pollutant
USEPA Method 1:	Sampling Location and Cyclonic Flow Determination
USEPA Method 2:	Determination of Stack Gas Velocity and Volumetric Flow Rate
USEPA Method 3A of 3B:	Stack Gas Molecular Weight
USEPA Method 4:	Stack Gas Moisture Content
USEPA Method 18	GC/FID analysis with on site testing required (acetaldehyde, acetic acid, acrolein, ethanol, formaldehyde, formic acid, lactic acid and methanol).
USEPA Method 25A	Determination of Total VOC/HAP Emissions

4. Performance tests for the **Cooling Cyclone** shall include the following:

Test Method	Parameter/Pollutant
USEPA Method 1:	Sampling Location and Cyclonic Flow Determination
USEPA Method 2:	Determination of Stack Gas Velocity and Volumetric Flow Rate
USEPA Method 3A of 3B:	Stack Gas Molecular Weight
USEPA Method 4:	Stack Gas Moisture Content
USEPA Method 25A	Determination of Total VOC/HAP Emissions

Detection Limits

The limits of detection for each targeted pollutant shall be calculated and presented in the performance test report submitted to the department.

Sample Custody

The following sample custody procedures shall be addressed in the performance test protocol:

a. Documentation of procedures for preparation of reagents or supplies which become an integral part of the sample (e.g., filters and absorbing reagents).

b. Procedures and forms for recording the exact location and specific considerations associated with sample acquisitions.

c. Prepared sample labels containing all information necessary for effective sample tracking.

Calibration Procedures and Frequency

Calibration procedures are to be identified and the information provided for each measurement device, including coefficients, by reference to a standard method or by providing a written description. The frequency planned for recalibration during the test shall be provided and a list of all calibration standards, including their source and traceability. Equipment to be calibrated includes: dry gas meters, orifice meters, Pitot-tubes, thermometers/thermocouples, nozzles, flow meters and may include various process parameter monitors.

Determination of Compliance with Permit Air Emission Limitations

For the purpose of demonstrating compliance with the air emission limitations in this permit, the average emission rate of each pollutant (in pounds per hour) observed during a successful performance test shall be multiplied by 8,760 hours per year and then dividing by 2,000 pounds per ton.

Documentation

Sample copies of all data log sheets shall be provided and examples of any calculations that are to be performed on the raw data. Note: copies of all raw data sheets, including manually and automatically recorded data (strip charts and data logger or computer printouts) should be submitted with the performance test report and copies must be available at the end of each day's testing.

[redacted]

APPROVED U.S. Energy Partners,LLC	APPROVED Russell, Ks. A-130	CAD FILE NAME A130-1111-005	ICM INDUSTRY CONSULTING & MARKETING	PHONE 316-796-0900 FAX 316-796-0944	P.O.BOX 397 310 N 1st COLWICH KS. 67030-0397
		PLOT SCALE NONE	Russell Plant Flow Diagram – Gen. Plant		
		LAST UPDATE 08:18 02/01/01	[redacted] Steam/Mass Flow Diagram		
		USED ON NEXT ASSY.	DRAWN: V. White DATE: 02/01/01 SCALE: None	DRAWING NUMBER A130-1111-007	REV. B

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A-130

CAD FILE NAME
A130-1111-009

PLOT SCALE
1.0000

LAST UPDATE
14:00
12/08/00

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ICM Russell Plant
Flow Diagram – Gen. Plant
Flow Diagram
Plant Emmissions

DRAWN: V. White
DATE: 11/16/00
SCALE: None

DRAWING NUMBER
A130-1111-009

REV.
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