



May 24, 2012

Steven Lindblom
Colorado Oil and Gas Conservation Commission
1120 Lincoln, Suite 801
Denver, CO 80203

Re: Closure request for remediation project number 6618
Hagemann 19-03 API # 05-125-10875
NENW/4, Sec. 19-T1S-R44W, 6th pm
Yuma County, Colorado

Steve,

We would like to request closure on the above referenced well. The Soil analysis submitted with Form 27 on 09/15/11 and the resample analysis submitted 01/12/12 had PH & SAR levels outside the allowable limits per the COGCC Table 910-1. The area was treated per the recommendation on the Form 27. The location was resampled again on 04/21/12 and the PH & SAR levels are now within the allowable limits of the COGCC Table 910-1.

We feel no treatment or further sampling is required, but will continue to monitor the location for re-growth and/or erosion and take any necessary measures to promote the reclamation of the affected area.

If you have any questions or require additional information please feel free to contact me.

Sincerely,

Augustus Energy Partners, LLC

Loni J. Davis
Operations Accounting and Regulatory Specialist

cc: AEP Well File

SOIL ANALYSIS REPORT



6921 S. Bell
Amarillo, TX 79109
800.557.7509
806.677.0093
Fax 806.677.0329

CLIENT: 6224	ENVIRO-AG ENGINEERING INC 3404 AIRWAY BLVD AMARILLO, TX 79118
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LAB NO:	35355
INVOICE NO:	121224
DATE RECEIVED:	4/25/2012
DATE REPORTED:	5/3/2012

SOIL ANALYSIS RESULTS FOR: AUGUSTUS ENERGY **FIELD IDENTIFICATION:** HAGEMAN 19-04 Proj # 6618

METHOD USED:		2:1 Water-Soil	2:1 Water-Soil	Ammonium Acetate	Ammonium Acetate													
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Excess Lime	% Organic Matter	Phosphorus ppm P	Potassium ppm K	Sulfur ppm S/A	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B
35355	RETEST	0 - 12	8.9		0.26	Hi			590		4713	374	328					

METHOD USED:		Sat. Paste																
Lab Number	Sample ID	Sample Depth	Saturation % Sat	Electrical Conductivity mmho/cm	Calcium mg/L Ca	Magnesium mg/L Mg	Sodium mg/L Na	Sodium Adsorption Ratio SAR										
35355	RETEST	0 - 12	39	0.54	19	3	93	5.2										

FERTILIZER RECOMMENDATIONS:																	POUNDS ACTUAL NUTRIENT PER ACRE						Cation Exchange Capacity					
Lab Number	Sample ID	Crop To Be Grown	Yield Goal	Lime, ECC Tons/A to raise pH to:			N	P2O5	K2O	Zn	S	Mn	Cu	MgO	B	Ca	Cl											
				6.0	6.5	7.0												CEC	%H	%K	%Ca	%Mg	%Na					
35355	RETEST																	30	0	5	80	11	5					

SPECIAL COMMENTS AND SUGGESTIONS:

Lab Number(s): 35355

CAUTION: Soil sodium (% Na) is higher than normal and may indicate a developing problem. If irrigated, an irrigation water analysis can help identify the sodium source. Contact the laboratory for details.

Lab Number(s): 35355

CEC calculated by cation summation may overestimate true CEC and underestimate exchangeable sodium percentage (ESP) in soils containing excess lime.

Lab Number(s): 35355

Servi-Tech Laboratory fertilizer recommendations were not requested.

Additional Well: Hagemann 19-03

Analyses are representative of the samples submitted Samples are retained 30 days after report of analysis Explanations of soil analysis terms are available upon request

Reviewed and
Approved By:

