



LABORATORY ANALYTICAL REPORT

Client: AMPP

Project:

Lab ID: B03100646-009

Client Sample ID: TIEA:SW 35, 0-6 in

Report Date: 11/03/03

Collection Date: 10/09/03 12:30

Date Received: 10/10/03

Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
<b>PHYSICAL CHARACTERISTICS</b>							
Texture	SIL					ASA15-5	10/24/03 13:18 / srm
- C = Clay, S = Sand(y), Si = Silt(y), L = Loam(y)							
<b>SATURATED PASTE</b>							
pH, sat. paste	7.5	s.u.		0.1		ASAM10-3.2	10/22/03 13:41 / srm
Conductivity, Saturated Paste	1.37	mmhos/cm		0.01		ASA10-3	10/22/03 13:41 / srm
Saturation	53.6	wt%		0.1		USDA27a	10/22/03 13:41 / srm
Calcium, sat. paste	9.39	meq/l		0.01		SW6010B	10/23/03 16:32 / rth
Magnesium, sat. paste	5.19	meq/l		0.01		SW6010B	10/23/03 16:32 / rth
Sodium, sat. paste	2.14	meq/l		0.01		SW6010B	10/23/03 16:32 / rth
Sodium Adsorption Ratio (SAR)	0.79	unitless		0.01		Calculation	10/24/03 13:18 / srm
<b>CHEMICAL CHARACTERISTICS</b>							
Lime as CaCO <sub>3</sub> , %	6.5	wt%		0.1		USDA23c	10/24/03 13:18 / srm
Sulfate as S	16	mg/kg		1		ASA10-3	10/22/03 04:17 / jb
Phosphorus, Olsen	6	mg/kg		1		ASA24-5	10/17/03 09:44 / srm
Nitrate as N, KCL Extract	6	mg/kg		1		ASA38-3	10/17/03 11:46 / srm
Nitrate as N, KCL Extract	13	lbs/acre		1		Calculation	10/17/03 13:21 / srm
Organic Matter	3.00	wt%		0.02		ASA29-3	10/22/03 13:41 / srm
<b>METALS, AMMONIUM ACETATE EXTRACTABLE</b>							
Potassium	290	mg/kg	B	10		SW6010B	10/21/03 03:56 / rth

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

B - The analyte was detected in the method blank.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP

Project:

Lab ID: B03100646-010

Client Sample ID: TIEA:SW 35, 6-24 in

Report Date: 11/03/03

Collection Date: 10/09/03 12:30

Date Received: 10/10/03

Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
<b>PHYSICAL CHARACTERISTICS</b>							
Texture	SIL					ASA15-5	10/24/03 13:18 / srm
- C = Clay, S = Sand(y), Si = Silt(y), L = Loam(y)							
<b>SATURATED PASTE</b>							
pH, sat. paste	7.8	s.u.		0.1		ASAM10-3.2	10/22/03 13:41 / srm
Conductivity, Saturated Paste	0.72	mmhos/cm		0.01		ASA10-3	10/22/03 13:41 / srm
Saturation	50.8	wt%		0.1		USDA27a	10/22/03 13:41 / srm
Calcium, sat. paste	3.67	meq/l		0.01		SW6010B	10/23/03 16:39 / rth
Magnesium, sat. paste	3.16	meq/l		0.01		SW6010B	10/23/03 16:39 / rth
Sodium, sat. paste	1.70	meq/l		0.01		SW6010B	10/23/03 16:39 / rth
Sodium Adsorption Ratio (SAR)	0.92	unitless		0.01		Calculation	10/24/03 13:18 / srm
<b>CHEMICAL CHARACTERISTICS</b>							
Sulfate as S	15	mg/kg		1		ASA10-3	10/22/03 04:28 / jb
Nitrate as N, KCL Extract	3	mg/kg		1		ASA38-3	10/17/03 11:47 / srm
Nitrate as N, KCL Extract	21	lbs/acre		1		Calculation	10/17/03 13:21 / srm

Report Definitions: RL - Analyte reporting limit.  
 QCL - Quality control limit.

MCL - Maximum contaminant level.  
 ND - Not detected at the reporting limit.