



LABORATORY ANALYTICAL REPORT

Client: AMPP
 Project:
 Lab ID: B03100646-011
 Client Sample ID: TIBA:8, 0-6 in

Report Date: 11/03/03
 Collection Date: 10/10/03 10:00
 Date Received: 10/10/03
 Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
PHYSICAL CHARACTERISTICS							
Texture	CL					ASA15-5	10/24/03 13:18 / srm
- C = Clay, S = Sand(y), Si = Silt(y), L = Loam(y)							
SATURATED PASTE							
pH, sat. paste	7.8	s.u.		0.1		ASAM10-3.2	10/22/03 13:41 / srm
Conductivity, Saturated Paste	1.09	mmhos/cm		0.01		ASA10-3	10/22/03 13:41 / srm
Saturation	56.1	wt%		0.1		USDA27a	10/22/03 13:41 / srm
Calcium, sat. paste	5.83	meq/l		0.01		SW6010B	10/23/03 16:45 / rth
Magnesium, sat. paste	3.73	meq/l		0.01		SW6010B	10/23/03 16:45 / rth
Sodium, sat. paste	3.21	meq/l		0.01		SW6010B	10/23/03 16:45 / rth
Sodium Adsorption Ratio (SAR)	1.47	unitless		0.01		Calculation	10/24/03 13:18 / srm
CHEMICAL CHARACTERISTICS							
Lime as CaCO ₃ , %	4.9	wt%		0.1		USDA23c	10/24/03 13:18 / srm
Sulfate as S	49	mg/kg		1		ASA10-3	10/22/03 05:12 / jb
Phosphorus, Olsen	11	mg/kg		1		ASA24-5	10/17/03 09:46 / srm
Nitrate as N, KCL Extract	11	mg/kg		1		ASA38-3	10/17/03 11:49 / srm
Nitrate as N, KCL Extract	21	lbs/acre		1		Calculation	10/17/03 13:21 / srm
Organic Matter	2.45	wt%		0.02		ASA29-3	10/22/03 13:41 / srm
METALS, AMMONIUM ACETATE EXTRACTABLE							
Potassium	180	mg/kg	B	10		SW6010B	10/21/03 04:01 / 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: B03100646-012
 Client Sample ID: TIBA:8, 6-24 in

Report Date: 11/03/03
 Collection Date: 10/10/03 10:00
 Date Received: 10/10/03
 Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
PHYSICAL CHARACTERISTICS							
Texture	SIL					ASA15-5	10/24/03 13:18 / srm
- C = Clay, S = Sand(y), Si = Silt(y), L = Loam(y)							
SATURATED PASTE							
pH, sat. paste	8.0	s.u.		0.1		ASAM10-3.2	10/22/03 13:41 / srm
Conductivity, Saturated Paste	2.16	mmhos/cm		0.01		ASA10-3	10/22/03 13:41 / srm
Saturation	51.0	wt%		0.1		USDA27a	10/22/03 13:41 / srm
Calcium, sat. paste	5.86	meq/l	D	0.02		SW6010B	10/23/03 16:49 / rth
Magnesium, sat. paste	6.19	meq/l	D	0.02		SW6010B	10/23/03 16:49 / rth
Sodium, sat. paste	11.7	meq/l	D	0.02		SW6010B	10/23/03 16:49 / rth
Sodium Adsorption Ratio (SAR)	4.78	unitless		0.01		Calculation	10/24/03 13:18 / srm
CHEMICAL CHARACTERISTICS							
Sulfate as S	106	mg/kg		1		ASA10-3	10/22/03 05:23 / jb
Nitrate as N, KCL Extract	10	mg/kg		1		ASA38-3	10/17/03 11:50 / srm
Nitrate as N, KCL Extract	58	lbs/acre		1		Calculation	10/17/03 13:21 / srm

Report Definitions:
 RL - Analyte reporting limit.
 QCL - Quality control limit.
 D - RL increased due to sample matrix interference.

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