



LABORATORY ANALYTICAL REPORT

Client: AMPP

Report Date: 11/03/03

Project:

Collection Date: 10/08/03 11:30

Lab ID: B03100646-001

Date Received: 10/10/03

Client Sample ID: TIGA:Flood 20, 0-6 in

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	7.4	s.u.		0.1		ASAM10-3.2	10/22/03 13:41 / srm
Conductivity, Saturated Paste	0.95	mmhos/cm		0.01		ASA10-3	10/22/03 13:41 / srm
Saturation	57.6	wt%		0.1		USDA27a	10/22/03 13:41 / srm
Calcium, sat. paste	6.81	meq/l		0.01		SW6010B	10/23/03 16:00 / rth
Magnesium, sat. paste	4.35	meq/l		0.01		SW6010B	10/23/03 16:00 / rth
Sodium, sat. paste	1.23	meq/l		0.01		SW6010B	10/23/03 16:00 / rth
Sodium Adsorption Ratio (SAR)	0.52	unitless		0.01		Calculation	10/24/03 13:18 / srm
CHEMICAL CHARACTERISTICS							
Lime as CaCO ₃ , %	6.5	wt%		0.1		USDA23c	10/24/03 13:18 / srm
Sulfate as S	11	mg/kg		1		ASA10-3	10/22/03 02:28 / jb
Phosphorus, Olsen	3	mg/kg		1		ASA24-5	10/17/03 09:38 / srm
Nitrate as N, KCL Extract	6	mg/kg		1		ASA38-3	10/17/03 11:39 / srm
Nitrate as N, KCL Extract	12	lbs/acre		1		Calculation	10/17/03 13:21 / srm
Organic Matter	3.09	wt%		0.02		ASA29-3	10/22/03 13:41 / srm
METALS, AMMONIUM ACETATE EXTRACTABLE							
Potassium	200	mg/kg	B	10		SW6010B	10/21/03 03:31 / rth

Report Definitions: RL - Analyte reporting limit.

MCL - Maximum contaminant level.

QCL - Quality control limit.

ND - Not detected at the reporting limit.

B - The analyte was detected in the method blank.



LABORATORY ANALYTICAL REPORT

Client: AMPP

Project:

Lab ID: B03100646-002

Client Sample ID: TIGA:Flood 20, 6-24 in

Report Date: 11/03/03

Collection Date: 10/08/03 11:30

Date Received: 10/10/03

Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
PHYSICAL CHARACTERISTICS							
Texture	L					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	0.79	mmhos/cm		0.01		ASA10-3	10/22/03 13:41 / srm
Saturation	43.5	wt%		0.1		USDA27a	10/22/03 13:41 / srm
Calcium, sat. paste	3.19	meq/l		0.01		SW6010B	10/23/03 16:03 / rth
Magnesium, sat. paste	2.67	meq/l		0.01		SW6010B	10/23/03 16:03 / rth
Sodium, sat. paste	3.04	meq/l		0.01		SW6010B	10/23/03 16:03 / rth
Sodium Adsorption Ratio (SAR)	1.77	unitless		0.01		Calculation	10/24/03 13:18 / srm
CHEMICAL CHARACTERISTICS							
Sulfate as S	10	mg/kg		1		ASA10-3	10/22/03 02:39 / jb
Nitrate as N, KCL Extract	2	mg/kg		1		ASA38-3	10/17/03 11:40 / srm
Nitrate as N, KCL Extract	10	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.