



LABORATORY ANALYTICAL REPORT

Client: HydroSolutions Inc
Project: TRIP Tier II (formerly referred to as AMPP)
Lab ID: H06120103-001
Client Sample ID: T2/MA-10- (0-6")-Composite

Report Date: 01/16/07
Collection Date: 12/04/06 17:00
Date Received: 12/09/06
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE							
pH-SatPst	7.5	s.u.		0.1		ASAM10-3.2	12/29/06 15:02 / jjm
COND	1.11	mmhos/cm		0.01		ASAM10-3	12/29/06 15:02 / jjm
Percent Sat	48.0	%		0.1		USDA27a	12/29/06 15:02 / jjm
SAR	0.99	unitless		0.01		Calculation	12/29/06 15:02 / jjm
HCO3 SatPst	7.99	meq/L		0.02		ASA10-3	01/03/07 14:30 / jjm
SATURATED PASTE							
Ca-SatPst	5.88	meq/l		0.05		SW6010B	01/03/07 11:57 / rp
Mg-SatPst	3.29	meq/l		0.08		SW6010B	01/03/07 11:57 / rp
Na-SatPst	2.13	meq/l		0.04		SW6010B	01/03/07 11:57 / rp
SO4-SatPst	4.18	meq/l		0.02		SW6010B	01/03/07 11:57 / rp
Cl-SatPst	0.36	meq/L		0.03		SW6010B	01/03/07 11:57 / rp
PHYSICAL CHARACTERISTICS							
Sand	36	%		1		ASA15-5	12/29/06 15:02 / jjm
Silt	45	%		1		ASA15-5	12/29/06 15:02 / jjm
Clay	19	%		1		ASA15-5	12/29/06 15:02 / jjm
Texture	L	unitless				ASA15-5	12/29/06 15:02 / jjm
CHEMICAL CHARACTERISTICS							
F	< 1.0	mg/kg		1.0		A4500-F C	01/15/07 10:45 / abb
K-NH4OAc	365	meq/100g		1		ASA13-3	01/03/07 15:48 / rp
OM-WB	2.21	%		0.02		ASA29-3	01/02/07 08:38 / jjm
CEC	26.6	meq/100g		0.09		SW6010B	01/09/07 19:14 / rp
Lime	8.5	%		0.1		USDA23c	12/29/06 00:00 / jjm
P	10	mg/kg		0.1		ASA24-5	01/05/07 13:55 / sld
NO3	20	mg/kg	D	2.5		ASA38-3	01/08/07 14:06 / sld
METALS, AMMONIUM ACETATE EXTRACTABLE							
Na-Ext	0.54	meq/100g		0.04		SW6010B	01/03/07 15:48 / rp
EXCHANGEABLES							
Exch Na	0.4	meq/100g		0.1		Calculation	12/29/06 15:02 / jjm
ESP	1.7	%		0.1		USDA20a	12/29/06 15:02 / jjm
METALS, DTPA EXTRACTABLE							
Zn-DTPA	2.05	mg/kg		0.02		SW6010B	01/04/07 16:18 / rp
METALS, CACL2 EXTRACTABLE							
Ba-H2O	0.90	mg/kg		0.20		SW6010B	01/04/07 13:58 / rp
B-H2O	< 0.20	mg/kg		0.20		SW6010B	01/04/07 13:58 / rp

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.



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Client: HydroSolutions Inc
Project: TRIP Tier II (formerly referred to as AMPP)
Lab ID: H06120103-001
Client Sample ID: T2/MA-10- (0-6")-Composite

Report Date: 01/16/07
Collection Date: 12/04/06 17:00
Date Received: 12/09/06
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, CACL2 EXTRACTABLE							
Se-H2O	0.055	mg/kg		0.010		SW6010B	01/04/07 13:58 / rp

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

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



LABORATORY ANALYTICAL REPORT

Client: HydroSolutions Inc
Project: TRIP Tier II (formerly referred to as AMPP)
Lab ID: H06120103-002
Client Sample ID: T2/MA-10-(6-12")-Composite

Report Date: 01/16/07
Collection Date: 12/04/06 17:00
Date Received: 12/09/06
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE							
pH-SatPst	7.8	s.u.		0.1		ASAM10-3.2	12/29/06 15:02 / jjm
COND	0.49	mmhos/cm		0.01		ASAM10-3	12/29/06 15:02 / jjm
Percent Sat	42.5	%		0.1		USDA27a	12/29/06 15:02 / jjm
SAR	1.1	unitless		0.01		Calculation	12/29/06 15:02 / jjm
HCO3 SatPst	3.60	meq/L		0.02		ASA10-3	01/03/07 14:30 / jjm
SATURATED PASTE							
Ca-SatPst	2.58	meq/l		0.05		SW6010B	01/03/07 12:00 / rp
Mg-SatPst	1.44	meq/l		0.08		SW6010B	01/03/07 12:00 / rp
Na-SatPst	1.50	meq/l		0.04		SW6010B	01/03/07 12:00 / rp
SO4-SatPst	2.10	meq/L		0.02		SW6010B	01/03/07 12:00 / rp
Cl-SatPst	0.10	meq/L		0.03		SW6010B	01/03/07 12:00 / rp
PHYSICAL CHARACTERISTICS							
Sand	27	%		1		ASA15-5	12/29/06 15:02 / jjm
Silt	53	%		1		ASA15-5	12/29/06 15:02 / jjm
Clay	20	%		1		ASA15-5	12/29/06 15:02 / jjm
Texture	SiL	unitless				ASA15-5	12/29/06 15:02 / jjm
CHEMICAL CHARACTERISTICS							
CEC	25.8	meq/100g		0.09		SW6010B	01/09/07 19:17 / rp
Lime	9.6	%		0.1		USDA23c	12/29/06 00:00 / jjm
NO3	7.5	mg/kg		1.0		ASA38-3	01/08/07 12:16 / sld
METALS, AMMONIUM ACETATE EXTRACTABLE							
Na-Ext	0.49	meq/100g		0.04		SW6010B	01/03/07 15:50 / rp
EXCHANGEABLES							
Exch Na	0.4	meq/100g		0.1		Calculation	12/29/06 15:02 / jjm
ESP	1.7	%		0.1		USDA20a	12/29/06 15:02 / jjm

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

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



LABORATORY ANALYTICAL REPORT

Client: HydroSolutions Inc
Project: TRIP Tier II (formerly referred to as AMPP)
Lab ID: H06120103-003
Client Sample ID: T2/MA-10-(12-24")

Report Date: 01/16/07
Collection Date: 12/04/06 17:00
Date Received: 12/09/06
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE							
pH-SatPst	8.0	s.u.		0.1		ASAM10-3.2	12/29/06 15:02 / jjm
COND	0.60	mmhos/cm		0.01		ASAM10-3	12/29/06 15:02 / jjm
Percent Sat	42.1	%		0.1		USDA27a	12/29/06 15:02 / jjm
SAR	1.5	unitless		0.01		Calculation	12/29/06 15:02 / jjm
HCO3 SatPst	4.00	meq/L		0.02		ASA10-3	01/03/07 14:30 / jjm
SATURATED PASTE							
Ca-SatPst	2.30	meq/l		0.05		SW6010B	01/03/07 12:03 / rp
Mg-SatPst	2.21	meq/l		0.08		SW6010B	01/03/07 12:03 / rp
Na-SatPst	2.30	meq/l		0.04		SW6010B	01/03/07 12:03 / rp
SO4-SatPst	3.25	meq/L		0.02		SW6010B	01/03/07 12:03 / rp
Cl-SatPst	0.05	meq/L		0.03		SW6010B	01/03/07 12:03 / rp
PHYSICAL CHARACTERISTICS							
Sand	27	%		1		ASA15-5	12/29/06 15:02 / jjm
Silt	53	%		1		ASA15-5	12/29/06 15:02 / jjm
Clay	20	%		1		ASA15-5	12/29/06 15:02 / jjm
Texture	SiL	unitless				ASA15-5	12/29/06 15:02 / jjm
CHEMICAL CHARACTERISTICS							
CEC	26.8	meq/100g		0.09		SW6010B	01/09/07 19:20 / rp
Lime	10.5	%		0.1		USDA23c	12/29/06 00:00 / jjm
NO3	6.2	mg/kg		1.0		ASA38-3	01/08/07 12:18 / sld
METALS, AMMONIUM ACETATE EXTRACTABLE							
Na-Ext	0.65	meq/100g		0.04		SW6010B	01/03/07 15:53 / rp
EXCHANGEABLES							
Exch Na	0.6	meq/100g		0.1		Calculation	12/29/06 15:02 / jjm
ESP	2.1	%		0.1		USDA20a	12/29/06 15:02 / jjm

Report Definitions: RL - Analyte reporting limit.
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 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: HydroSolutions Inc
Project: TRIP Tier II (formerly referred to as AMPP)
Lab ID: H06120103-004
Client Sample ID: T2/MA-10-(24-36")

Report Date: 01/16/07
Collection Date: 12/04/06 17:00
Date Received: 12/09/06
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE							
pH-SatPst	8.0	s.u.		0.1		ASAM10-3.2	12/29/06 15:02 / jjm
COND	3.23	mmhos/cm		0.01		ASAM10-3	12/29/06 15:02 / jjm
Percent Sat	40.6	%		0.1		USDA27a	12/29/06 15:02 / jjm
SAR	4.0	unitless		0.01		Calculation	12/29/06 15:02 / jjm
HCO3 SatPst	2.60	meq/L		0.02		ASA10-3	01/03/07 14:30 / jjm
SATURATED PASTE							
Ca-SatPst	11.1	meq/l		0.05		SW6010B	01/03/07 12:06 / rp
Mg-SatPst	21.0	meq/l		0.08		SW6010B	01/03/07 12:06 / rp
Na-SatPst	16.0	meq/l		0.04		SW6010B	01/03/07 12:06 / rp
Cl-SatPst	1.16	meq/L		0.03		SW6010B	01/03/07 12:06 / rp
PHYSICAL CHARACTERISTICS							
Sand	34	%		1		ASA15-5	12/29/06 15:02 / jjm
Silt	48	%		1		ASA15-5	12/29/06 15:02 / jjm
Clay	18	%		1		ASA15-5	12/29/06 15:02 / jjm
Texture	L	unitless				ASA15-5	12/29/06 15:02 / jjm
CHEMICAL CHARACTERISTICS							
CEC	21.0	meq/100g		0.09		SW6010B	01/09/07 19:23 / rp
Lime	11.4	%		0.1		USDA23c	12/29/06 00:00 / jjm
METALS, AMMONIUM ACETATE EXTRACTABLE							
Na-Ext	1.70	meq/100g		0.04		SW6010B	01/03/07 15:56 / rp
EXCHANGEABLES							
Exch Na	1.0	meq/100g		0.1		Calculation	12/29/06 15:02 / jjm
ESP	5.0	%		0.1		USDA20a	12/29/06 15:02 / jjm

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 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: HydroSolutions Inc
Project: TRIP Tier II (formerly referred to as AMPP)
Lab ID: H06120103-005
Client Sample ID: T2/MA-10-(36-60")

Report Date: 01/16/07
Collection Date: 12/04/06 17:00
Date Received: 12/09/06
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE							
pH-SatPst	7.9	s.u.		0.1		ASAM10-3.2	12/29/06 15:02 / jjm
COND	2.90	mmhos/cm		0.01		ASAM10-3	12/29/06 15:02 / jjm
Percent Sat	37.6	%		0.1		USDA27a	12/29/06 15:02 / jjm
SAR	3.3	unitless		0.01		Calculation	12/29/06 15:02 / jjm
HCO3 SatPst	2.40	meq/L		0.02		ASA10-3	01/03/07 14:30 / jjm
SATURATED PASTE							
Ca-SatPst	8.80	meq/l		0.05		SW6010B	01/03/07 12:09 / rp
Mg-SatPst	19.1	meq/l		0.08		SW6010B	01/03/07 12:09 / rp
Na-SatPst	12.4	meq/l		0.04		SW6010B	01/03/07 12:09 / rp
Cl-SatPst	0.39	meq/L		0.03		SW6010B	01/03/07 12:09 / rp
PHYSICAL CHARACTERISTICS							
Sand	42	%		1		ASA15-5	12/29/06 15:02 / jjm
Silt	40	%		1		ASA15-5	12/29/06 15:02 / jjm
Clay	18	%		1		ASA15-5	12/29/06 15:02 / jjm
Texture	L	unitless				ASA15-5	12/29/06 15:02 / jjm
CHEMICAL CHARACTERISTICS							
F	< 1.0	mg/kg		1.0		A4500-F C	01/15/07 10:45 / abb
CEC	17.7	meq/100g		0.09		SW6010B	01/09/07 19:26 / rp
Lime	9.5	%		0.1		USDA23c	12/29/06 00:00 / jjm
METALS, AMMONIUM ACETATE EXTRACTABLE							
Na-Ext	1.34	meq/100g		0.04		SW6010B	01/03/07 15:59 / rp
EXCHANGEABLES							
Exch Na	0.9	meq/100g		0.1		Calculation	12/29/06 15:02 / jjm
ESP	5.0	%		0.1		USDA20a	12/29/06 15:02 / jjm
METALS, CACL2 EXTRACTABLE							
Ba-H2O	0.25	mg/kg		0.20		SW6010B	01/04/07 14:01 / rp
B-H2O	< 0.20	mg/kg		0.20		SW6010B	01/04/07 14:01 / rp
Se-H2O	0.039	mg/kg		0.010		SW6010B	01/04/07 14:01 / rp

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ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: HydroSolutions Inc
Project: TRIP Tier II (formerly referred to as AMPP)
Lab ID: H06120103-006
Client Sample ID: T2/MA-10-(60-96")

Report Date: 01/16/07
Collection Date: 12/04/06 17:00
Date Received: 12/09/06
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE							
pH-SatPst	7.8	s.u.		0.1		ASAM10-3.2	12/29/06 15:02 / jjm
COND	1.84	mmhos/cm		0.01		ASAM10-3	12/29/06 15:02 / jjm
Percent Sat	27.0	%		0.1		USDA27a	12/29/06 15:02 / jjm
SAR	1.9	unitless		0.01		Calculation	12/29/06 15:02 / jjm
HCO3 SatPst	2.40	meq/L		0.02		ASA10-3	01/03/07 14:30 / jjm
SATURATED PASTE							
Ca-SatPst	6.35	meq/l		0.05		SW6010B	01/03/07 12:12 / rp
Mg-SatPst	8.94	meq/l		0.08		SW6010B	01/03/07 12:12 / rp
Na-SatPst	5.19	meq/l		0.04		SW6010B	01/03/07 12:12 / rp
Cl-SatPst	0.05	meq/L		0.03		SW6010B	01/03/07 12:12 / rp
PHYSICAL CHARACTERISTICS							
Sand	72	%		1		ASA15-5	12/29/06 15:02 / jjm
Silt	19	%		1		ASA15-5	12/29/06 15:02 / jjm
Clay	9	%		1		ASA15-5	12/29/06 15:02 / jjm
Texture	SL	unitless				ASA15-5	12/29/06 15:02 / jjm
CHEMICAL CHARACTERISTICS							
CEC	12.2	meq/100g		0.09		SW6010B	01/09/07 19:29 / rp
Lime	7.7	%		0.1		USDA23c	12/29/06 00:00 / jjm
METALS, AMMONIUM ACETATE EXTRACTABLE							
Na-Ext	0.60	meq/100g		0.04		SW6010B	01/03/07 16:02 / rp
EXCHANGEABLES							
Exch Na	0.5	meq/100g		0.1		Calculation	12/29/06 15:02 / jjm
ESP	3.8	%		0.1		USDA20a	12/29/06 15:02 / jjm

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

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



LABORATORY ANALYTICAL REPORT

Client: HydroSolutions Inc
Project: TRIP Tier II (formerly referred to as AMPP)
Lab ID: H06120103-007
Client Sample ID: T2/MA-10-(0-2")

Report Date: 01/16/07
Collection Date: 12/04/06 17:00
Date Received: 12/09/06
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE							
pH-SatPst	7.5	s.u.		0.1		ASAM10-3.2	12/29/06 15:02 / jjm
COND	1.64	mmhos/cm		0.01		ASAM10-3	12/29/06 15:02 / jjm
Percent Sat	48.2	%		0.1		USDA27a	12/29/06 15:02 / jjm
SAR	0.59	unitless		0.01		Calculation	12/29/06 15:02 / jjm
HCO3 SatPst	6.99	meq/L		0.02		ASA10-3	01/03/07 14:30 / jjm
SATURATED PASTE							
Ca-SatPst	7.81	meq/l		0.05		SW6010B	01/03/07 12:15 / rp
Mg-SatPst	5.34	meq/l		0.08		SW6010B	01/03/07 12:15 / rp
Na-SatPst	1.51	meq/l		0.04		SW6010B	01/03/07 12:15 / rp
Cl-SatPst	0.54	meq/L		0.03		SW6010B	01/03/07 12:15 / rp
PHYSICAL CHARACTERISTICS							
Sand	32	%		1		ASA15-5	12/29/06 15:02 / jjm
Silt	47	%		1		ASA15-5	12/29/06 15:02 / jjm
Clay	21	%		1		ASA15-5	12/29/06 15:02 / jjm
Texture	L	unitless				ASA15-5	12/29/06 15:02 / jjm
CHEMICAL CHARACTERISTICS							
CEC	29.2	meq/100g		0.09		SW6010B	01/09/07 19:32 / rp
Lime	8.8	%		0.1		USDA23c	12/29/06 00:00 / jjm
METALS, AMMONIUM ACETATE EXTRACTABLE							
Na-Ext	0.44	meq/100g		0.04		SW6010B	01/03/07 16:05 / rp
EXCHANGEABLES							
Exch Na	0.4	meq/100g		0.1		Calculation	12/29/06 15:02 / jjm
ESP	1.3	%		0.1		USDA20a	12/29/06 15:02 / jjm

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

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