



16 Computer Drive West
Albany, NY 12205
Phone: 518.438.6809
Fax: 518.438.8527

WELL NO MW-9

Date(s) 1/2/08

Weather

Temperature

Cold; Overcast

High 16

Low 11

Well Sampling Field Record

Project	SMC Maestri Groundwater Sampling	Project No.	E07-102
Location	State Fair Blvd		

Well Info

Well #:	MW-9	Well Location:	Generally east side of site – near MW-8	
Well Diameter (in):	2"	Well Condition:	Good	
A. Total Well Depth from TOC (ft):	18.5'	Depth to Bedrock (ft):	17'4"	
B. TOC to Grade (ft):	~1.6'	TOC Elevation (ft):	--	
C. Depth to Water TOC (ft):	10.5'	G. Volume Factors:	2-inch well = 0.163 gal/ft 4-inch well = 0.653 gal/ft 6-inch well = 1.468 gal/ft	
D. Water Column Height (ft):	8'			A - C
E. Total Well Volume (gal):	1.304			=D*G
F. Purge (3 volumes) (gal):	3.912			=E*3

Purge

Purge Date:	1/2/08	Pump/Method:	Submersible 2" Grundfos
Purge Start Time:	1109; 1135	Approx Flow Rate:	< 1 gpm
Purge Stop Time:	1124; 1147	Approx Volume Removed:	20 gallons
Did well dry out?	YES; YES		

Sampling

Sample ID:	MW-9	Time:	1157
Sample Method:	Hand Bailed	pH	7.00
Sample Date:	1/2/08	Temp (F)	7.8
Sample Time:	1157	Conductivity (mS/cm)	1.27
		TDS (ppt)	0.63

Appearance

Slightly cloudy and light brown at first then cleared up. Just before well ran dry, light brown and cloudier. After well recharged, would run clear again. After samples sat for a few hours, sediment noted in bottom of VOA and water was clear.

Comments

Converter setting: 117.45 Hz and 117.64 Hz
 Depth to water before second round of purging: 11.3'
 Depth to water after purging: 14.3'
 Hand bailed 3 times prior to collecting sample
 Collected a duplicate sample.