

WELL INSTALLATION DIAGRAM

WELL NO.: MW-255

PROJECT: Memphis Aquifer Drilling
 PROJECT NUMBER: 121842-005
 SITE LOCATION: DDMT-MI
 e2M PROJECT MANAGER: T. Holmes
 e2M FIELD STAFF: B. Sperry
 DATE COMPLETED: 7/30/2010
 WELL LOCATION: DDMT-MI

NORTHING: 279304.76
 EASTING: 801226.84
 GROUND SURFACE ELEVATION (ft, msl): 292.38
 TOP OF CASING ELEVATION (ft, msl): 291.84
 TOP OF SCREEN ELEVATION (ft, msl): 7.34

DRILLING CO.: WDC
 DRILLING METHOD: Sonic
 BOREHOLE DIAMETER (in): 6 x 10 and 4 x 6
 SURFACE COMPLETION: Flush Mount
 BOLLARDS: No
 WELL DIAMETER (in): 2
 TYPE OF SCREEN/RISER MATERIAL: PVC Schedule 80
 SLOT SIZE OF SCREEN: 0.010 inch

TYPE OF FILTER PACK: Sand
 GRADATION OF FILTER PACK: 10-20
 QUANTITY OF FILTER PACK: 7-50 lb. Bags
 TYPE OF BENTONITE IN SEAL: Enviro plug chips
 QUANTITY OF BENTONITE IN SEAL: 2-50 lb. Bags
 TYPE OF GROUT: Portland Cement with bentonite powder
 QUANTITY OF GROUT: 80 / 42 lb bags
 DEVELOPMENT METHOD: Pneumatic reclaimer pump
 DATE DEVELOPED: 8/3/10
 DEPTH TO WATER (ft.btoc): 135.17

NOTES: 6-inch schedule 80 PVC surface casing installed to depth of 82 feet bgs, approximately 10 feet into the clay at the base of the fluvial aquifer.

