	WELL INSTALLATION DIAGRAM
Solutions Today for a Sustainable Tomorrow	WELL NO.: MW-209A
PROJECT: DDMT - Phase 2 Wells	NORTHING: <u>277574.28</u>
PROJECT NUMBER: 3202-019	EASTING: <u>802507.1</u>
SITE LOCATION: <u>MI</u>	GROUND SURFACE ELEVATION (ft, msl): 298.36
e2M PROJECT MANAGER: T. Holmes	TOP OF CASING ELEVATION (ft, msl): 298.05
e2M FIELD STAFF: Jim Anstaett	TOP OF SCREEN ELEVATION (ft, msl): 109.1
DATE COMPLETED: <u>4/3/07</u>	
WELL LOCATION: 245 ft. north of Memphis Depot Pkwy. and 190 ft. west of W.E. Freeman Dr.	
DRILLING CO.: Prosonic	TYPE OF FILTER PACK: Sand
DRILLING METHOD: Sonic	GRADATION OF FILTER PACK: 10-20
BOREHOLE DIAMETER (in): 6	QUANTITY OF FILTER PACK: 8-50lb. Bags
SURFACE COMPLETION: Flush Mount	TYPE OF BENTONITE IN SEAL: <u>3/8" Shur Plug Chips</u>
BOLLARDS: <u>No</u>	QUANTITY OF BENTONITE IN SEAL: <u>2-50lb. Bag</u>
WELL DIAMETER (in): 2	TYPE OF GROUT: Portland Type I
TYPE OF SCREEN/RISER MATERIAL: PVC Schedule	QUANTITY OF GROUT: <u>44-94lb. Bags</u>
SLOT SIZE OF SCREEN: 0.010	DEVELOPMENT METHOD: Grundfos RediFlow II
	DATE DEVELOPED: <u>4/18/2007</u>
	DEPTH TO WATER (ft.btoc): <u>103.73-ft 5/4/2007</u>
NOTES:	
Well Completion	Well
(Not to Scale)	Details
RISERGROUT	DIMENSIONS OF CONCRETE PAD: <u>3-ft. by 3-ft.</u>
	LENGTH OF RISER (ft): <u>188.9</u>
	DEPTH TO TOP OF BENTONITE (ft, bgs): <u>178</u>
	DEF III TO FOR DENTONITE (\mathbf{R}, \mathbf{bgs}). <u>178</u>
	DEPTH TO TOP OF SAND PACK (ft, bgs): <u>184</u>
SAND PACK	
	X
	LENGTH OF SCREEN (ft): <u>15</u>
	LENGTH OF END CAP: 0.3
BENTONITE	TOTAL DEPTH OF WELL (ft, btoc): 204.2
	DEPTH TO TOP OF BACKFILL (ft, bgs): <u>157</u> TOTAL DEPTH OF BOPING (ft, bgs): 210
	TOTAL DEPTH OF BORING (ft, bgs): <u>210</u>
Prepared by: WTR Date: 5/16/2007	Checked by: KMS Date: 5/16/2007