

WELL INSTALLATION DIAGRAM

WELL NO.: MW-266

PROJECT: <u>SRI Phase I</u>
PROJECT NUMBER: <u>235772</u>
SITE LOCATION: <u>DDMT MI</u>

PROJECT MANAGER: T. Holmes

FIELD STAFF: S. Gillet

DATE COMPLETED: <u>5/14/2015</u>

WELL LOCATION: NE corner Memphis Depot Pkwy & Truitt St.

NORTHING: <u>277092.39</u> EASTING: 806686.45

GROUND SURFACE ELEVATION (ft, msl): 305.10 TOP OF CASING ELEVATION (ft, msl): 304.68 TOP OF SCREEN ELEVATION (ft, msl): 227.6

DRILLING CO.: Cascade Drilling, L.P.

DRILLING METHOD: <u>Sonic</u> BOREHOLE DIAMETER (in): <u>6</u>

SURFACE COMPLETION: Flush Mount

BOLLARDS: No

WELL DIAMETER (in): 2

TYPE OF SCREEN/RISER MATERIAL: Sch. 40 PVC

SLOT SIZE OF SCREEN: 0.010-in.

TYPE OF FILTER PACK: Silica Sand

GRADATION OF FILTER PACK: <u>8/16 Sand</u>
QUANTITY OF FILTER PACK: <u>4.5 - 50lb bags</u>

TYPE OF BENTONITE IN SEAL: EnviroPlug Med. Chips QUANTITY OF BENTONITE IN SEAL: 1-50lb bag
TYPE OF GROUT: Type I/II cement with 4% bentonite

QUANTITY OF GROUT: 85 gallons

DEVELOPMENT METHOD: Surge & Pump (M.Monsoon)

DATE DEVELOPED: <u>5/15/15</u>
DEPTH TO WATER (ft.btoc): <u>73.81</u>

NOTES: Boring backfilled with bentonite from 88 to 97 ft, bgs prior to well installation.

70 gallons water used during drilling; 70 gallons removed during development. Well pumped dry during development.

Depth to water measured on 5/19/15.

