engineering-environmental Management, Inc.

WELL INSTALLATION DIAGRAM

WELL NO.: PMW85-03

PROJECT: <u>DDMT - Main Installation Remedial Action</u>

PROJECT NUMBER: <u>3202-016</u> SITE LOCATION: <u>TTA-2</u>

e2M PROJECT MANAGER: <u>T. Holmes</u> e2M FIELD STAFF: <u>E. Van Schaik</u> DATE COMPLETED: <u>5/15/2006</u>

WELL LOCATION:

NORTHING: <u>276752.656</u> EASTING: 806217.262

GROUND SURFACE ELEVATION (msl): 305.26 TOP OF CASING ELEVATION (msl): 305.09 TOP OF SCREEN ELEVATION (msl): 233.43

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

SURFACE COMPLETION: Flush Mount

BOLLARDS: No

Prepared by: WTR

WELL DIAMETER (in): 2

TYPE OF SCREEN/RISER MATERIAL: PVC Schedule 40

SLOT SIZE OF SCREEN: 0.010

TYPE OF FILTER PACK: Sand

GRADATION OF FILTER PACK: <u>10-20</u> QUANTITY OF FILTER PACK: <u>6-50lb. Bags</u>

TYPE OF BENTONITE IN SEAL: 3/8" Shur Plug Chips QUANTITY OF BENTONITE IN SEAL: 1/2-50lb. Bag

TYPE OF GROUT: <u>Portland Type I</u>
QUANTITY OF GROUT: <u>8-94lb. Bags</u>
DEVELOPMENT METHOD: <u>Bailer</u>
DATE DEVELOPED: <u>6/6/2006</u>

DEPTH TO WATER (ft.btoc): 79.6

NOTES:

Approximately 3 feet of sand in the well.

Date: 12/13/06

Well Well Completion **Details** (Not to Scale) DIMENSIONS OF CONCRETE PAD: 4-ft. by 4-ft. **GROUT** RISER -LENGTH OF RISER (ft): 71.66 DEPTH TO TOP OF BENTONITE (ft): 62 BENTONITE DEPTH TO TOP OF SAND PACK (ft): 65 SAND PACK SCREEN-LENGTH OF SCREEN (ft): 10 Total depth of well (ground surface LENGTH OF END CAP: 0.17-ft. (Flush) **END CAP** to bottom of **BENTONITE** TOTAL DEPTH OF WELL (ft): 82 end cap). PLUG -TOTAL DEPTH OF BORING (ft): 86

Checked by: KMS

Date: 12/13/06