



## WELL INSTALLATION DIAGRAM

WELL NO.: MW-249

PROJECT: Off Depot Remedial Action

PROJECT NUMBER: 3200-064

SITE LOCATION: Offsite NW of Dunn Field

e2M PROJECT MANAGER: Tom Holmes

e2M FIELD STAFF: J. Sperry

DATE COMPLETED: 6/17/09

WELL LOCATION: 350 ft. South of Menager and Ragan intersection.

NORTHING: 281029.63

EASTING: 800789.83

GROUND SURFACE ELEVATION (ft, msl): 285.89

TOP OF CASING ELEVATION (ft, msl): 285.53

TOP OF SCREEN ELEVATION (ft, msl): 207.49

DRILLING CO.: WDC

DRILLING METHOD: Sonic

BOREHOLE DIAMETER (in): 6

SURFACE COMPLETION: Flush Mount

BOLLARDS: No

WELL DIAMETER (in): 2

TYPE OF SCREEN/RISER MATERIAL: PVC Schedule 40

SLOT SIZE OF SCREEN: 0.010 inch

TYPE OF FILTER PACK: Sand

GRADATION OF FILTER PACK: 10/20

QUANTITY OF FILTER PACK: 12-50 lb. Bags

TYPE OF BENTONITE IN SEAL: 3/8" Coarse Grade

QUANTITY OF BENTONITE IN SEAL: 3-50 lb. Bags

TYPE OF GROUT: Portland Cement

QUANTITY OF GROUT: 8-94 lb. Bags

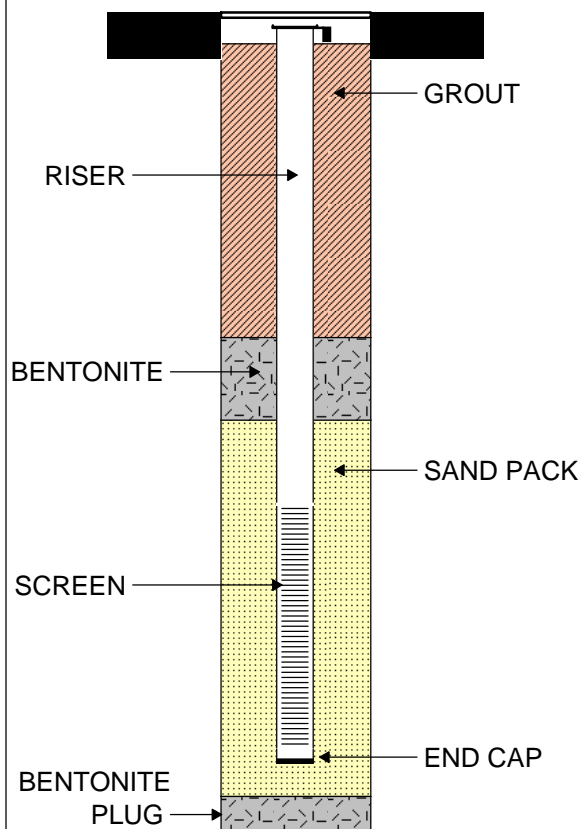
DEVELOPMENT METHOD: Typhoon submersible pump

DATE DEVELOPED: 7/25/2009

DEPTH TO WATER (ft.btoc): 70.59

NOTES:

Well  
Completion  
(Not to Scale)



Well  
Details

DIMENSIONS OF CONCRETE PAD: 2 x 2

LENGTH OF RISER (ft): 78

DEPTH TO TOP OF BENTONITE (ft, bgs): 66

DEPTH TO TOP OF SAND PACK (ft, bgs): 73.3

LENGTH OF SCREEN (ft): 20

LENGTH OF END CAP: 0.3

TOTAL DEPTH OF WELL (ft, btoc): 98.3

DEPTH TO TOP OF BACKFILL (ft, bgs): 99.4

TOTAL DEPTH OF BORING (ft, bgs): 106.5

Prepared by: WTR

Date: 8/27/2009

Checked by: KMS

Date: 8/27/2009