

WELL INSTALLATION DIAGRAM

WELL NO.: MW-251

PROJECT: Off Depot Remedial Action

PROJECT NUMBER: 3200-064

SITE LOCATION: Offsite NW of Dunn Field

e2M PROJECT MANAGER: Tom Holmes

e2M FIELD STAFF: S. Gillet

DATE COMPLETED: 6/28/09

WELL LOCATION: 200 ft. SW of MLGW gate.

NORTHING: 281211.7

EASTING: 801021.75

GROUND SURFACE ELEVATION (ft, msl): 286.16

TOP OF CASING ELEVATION (ft, msl): 285.83

TOP OF SCREEN ELEVATION (ft, msl): 125.63

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: 8-50 lb. Bags

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

QUANTITY OF BENTONITE IN SEAL: 1-50 lb. Bags

TYPE OF GROUT: Portland Cement

QUANTITY OF GROUT: 16-94 lb. Bags

DEVELOPMENT METHOD: Typhoon submersible pump

DATE DEVELOPED: 7/23/2009

DEPTH TO WATER (ft.btoc): 127.64

NOTES: 7-inch steel surface casing installed to depth of 105 feet bgs, approximately 10 feet into the clay at the base of the fluvial aquifer.

