

**TABLE 3-2  
CSI ON SITE BORING LOCATION RATIONALE  
CHAMPAIGN MGP SITE  
CHAMPAIGN, ILLINOIS  
AMERENIP**

BORING NUMBER	LOCATION RATIONALE *
B-501	Located near central west property line adjacent to Phase 1 probe locations where visible and odor impacts were noted and where elevated levels of BETX were measured in soil gas. Also near boring UTB-26 where both BETX and PAH's were noted in analytical samples.
B-502	Located near northwest corner within area where gas plant process buildings were located near the offsite probe locations where visible impacts and soil gas impacts were noted. West of IRM tar well and GH-1 removal area and UTB-26 boring where BETX and PAH's were noted between 6 and 23 ft. bgs.
B-503	Located along fence north of tar well removal area. Between probe holes PH-6 and PH-114 which were unimpacted and off-site probe (PH-103 & PH-113) and boring (UTB-11) locations which were impacted at shallow (8'-13') depths.
B-504	Located along north property line between IRM removal area (GH-1) and off-site well (UMW-101) where NAPL was observed. Final location for B-504 will be based on field observations in test pits TP-502 and TP-503. Also located north of possible tar well which could not be located during IRM.
B-505	Located within footprint of former gas holder GH-2 to characterize holder tank contents and depth if test pits determine the presence of a below grade structure. If no below grade structure exists, this boring will help characterize vertical and lateral extent and determine if impacts are present under GH-2 foundation.
B-506	Located within an area between several probe holes and a boring (UTB-28) that have odor, visual and laboratory evidence of MGP impacts.
B-507	Located between historical tar tanks and the "Gas Experiment Station" at northeast corner of the site. Also located in an area between several probe locations have impacts. Investigate source and /or pathway for residuals observed off-site to the east.
B-508	Located within the structure area of the "Gas Experiment Station". There have been no probe holes or borings in this area during previous investigations.
B-509	Located in area along potential off-site pathway where minimal investigation done during previous phases. Areas north and west tend to be impacted and the area south and east are either not impacted or have only minor impacts.
B-510	Located near southeast corner, an area similar to B-509, but possible down gradient of heavily impacted well UMW-114.
B-511	Located on slab for former gas holder GH-3 to confirm presence or absence of residuals under the slab.
B-512	Located along southern property line near former above ground fuel tanks and between two impacted monitoring wells (UMW-114 & UMW-115). Within an area where probe holes had no or minor impacts.
B-513	Located at southwest corner of site, area where several above ground tanks were located.
B-514	Located in area between both probe holes and borings where significant impacts were observed. Also in area where IRM removal activities occurred. Located near middle of site to aid in general aerial coverage of site.

\* General objective of the rationale is to provide complete aerial coverage of the site.