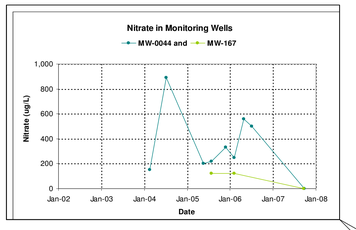

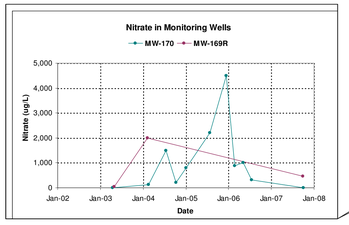

LEGEND:

327 — ABOVEGROUND STORAGE TANK

301 — FORMER ABOVEGROUND STORAGE TANK

MW-0054 — ACTIVE MONITORING WELL, RECOVERY WELL, OR PIEZOMETER ("GW MONITORING LOCATION")

1,660 — SECOND HALF 2007 NITRATE CONCENTRATION (ug/L) IN A SHALLOW WELL. SHALLOW WELLS ARE SCREENED ABOVE THE CONFINING LAYER OF THE SITE.

GROUNDWATER NITRATE DISTRIBUTION BASED ON SECOND HALF 2007 MONITORING DATA:

1,000–10,000 ug/L (TOTAL ESTIMATED AREAL EXTENT ~ 1,090 square yds.)

FORMER TEL BURIAL AREA

NOTES:

1. FOR THE PURPOSES OF CONTOURING THE NITRATE DATA, LOCATIONS WHERE THE CONCENTRATION WAS NON-DETECT HAVE BEEN ASSIGNED A VALUE OF ONE-HALF THE METHOD DETECTION LIMIT AND LABELED WITH U=UNDETECTED.
2. NITRATE CONCENTRATION TRENDS ARE INCLUDED FOR MONITORING WELLS WITH THREE OR MORE HISTORICAL DATA POINTS.

CHEVRON PRODUCTS COMPANY
PERTH AMBOY, NEW JERSEY
CORRECTIVE MEASURES STUDY

SECOND HALF 2007 GROUNDWATER NITRATE DISTRIBUTION

Chevron Asphalt Perth Amboy

DATE: 8/15/08
URS JOB NO: 11130491

FIGURE 19

K:\CHAMP\DRDC\EVERCADD\ Report\CADD Figures\Fig_2H2007_NITRATE FIG 19.dwg, Layout1 (2), 12/12/2008 2:05:09 PM