LEGEND:

- 327 — ABOVEGROUND STORAGE TANK
- 301 — FORMER ABOVEGROUND STORAGE TANK
- MW-0054 — ACTIVE MONITORING WELL, RECOVERY WELL, OR PIEZOMETER ("GW MONITORING LOCATION")
- -415 — SECOND HALF 2007 ORP (mV) IN A SHALLOW WELL. SHALLOW WELLS ARE SCREENED ABOVE THE CONFINING LAYER OF THE SITE.
- TEL — FORMER BURIAL AREA

GROUNDWATER ORP DISTRIBUTION BASED ON SECOND HALF 2007 MONITORING DATA:

- < −100 mV
- −100 TO −10 mV
- −10 TO 0 mV

} TOTAL ESTIMATED AREAL EXTENT OF REDUCTIVE ZONE (<−100 TO 0 mV) ~ 245,860 square yds.

- 0 TO 10 mV
- 10 TO 100 mV

} TOTAL ESTIMATED AREAL EXTENT OF OXIDATIVE ZONE (0 TO 100 mV) ~ 138,870 square yds.

NOTES:

1. ESTIMATED AREAL EXTENT OF GROUNDWATER ORP IS BASED ON THE CONTOURED AREA WITHIN THE PROPERTY LIMITS.

ABBREVIATIONS:

ORP = OXIDATION REDUCTION POTENTIAL

CHEVRON PRODUCTS COMPANY
PERTH AMBOY, NEW JERSEY

CORRECTIVE MEASURES STUDY

SECOND HALF 2007 GROUNDWATER ORP DISTRIBUTION

Chevron
Asphalt
Perth Amboy

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

FIGURE 15

K:\CRAMP\DOC\ENVIRONCAD\B Reports\CAD\Figures\Fig_2\2007_ORP FIG 15-Leg Layout1 (2), 12/12/2008 1:50:48 PM