



LEGEND:

- EXISTING FENCE LINE/APPROXIMATE PROPERTY LINE
- EXISTING PERIMETER DITCH LIMITS
- FEEDER DITCH
- BLOW DOWN LINE
- BL-19 ○ SHALLOW BLOW DOWN LINE SAMPLING LOCATION
- VB-3 ▲ VACUUM BREAKER LOCATION
- VB-3-7 ▲ VACUUM BREAKER SAMPLING LOCATION
- MW-105 ● SHALLOW MONITORING WELL LOCATION
- PW-5 ⊙ PRIVATE WELL LOCATION
- P-11 ○ SHALLOW TEMPORARY WELL LOCATION
- PSG-1 □ STAFF GAUGE LOCATION
- DS-6 △ DITCH SAMPLING LOCATION
- SW-2 ⊙ SURFACE WATER SAMPLING LOCATION
- RW-3 □ SHALLOW RECOVERY WELL LOCATION
- PW-BP ⊙ POND SAMPLING LOCATION

- TRITIUM RESULTS 200,000 TO 250,000 (PICOCURRIES/LITER)
- TRITIUM RESULTS 10,000 TO 200,000
- TRITIUM RESULTS 60,000 TO 100,000
- TRITIUM RESULTS 40,000 TO 60,000
- TRITIUM RESULTS 20,000 TO 40,000
- TRITIUM RESULTS 10,000 TO 20,000
- TRITIUM RESULTS 5,000 TO 10,000
- TRITIUM RESULTS 200 TO 5,000
- TRITIUM RESULTS 0 TO 200

NOTE:
 BACKGROUND TRITIUM CONCENTRATION: 200 pCi/L
 DRINKING WATER STANDARD FOR TRITIUM: 20,000 pCi/L
 TRITIUM DATA FOR SAMPLES COLLECTED THROUGH
 JANUARY 25, 2006. CONTOURS WERE GENERATED
 USING LOG VALUES.

figure 4

**ESTIMATED TRITIUM RESULTS
 SHALLOW GROUNDWATER ZONE
 BRAIDWOOD STATION
 Braceville, Illinois**

DRAFT



P-15