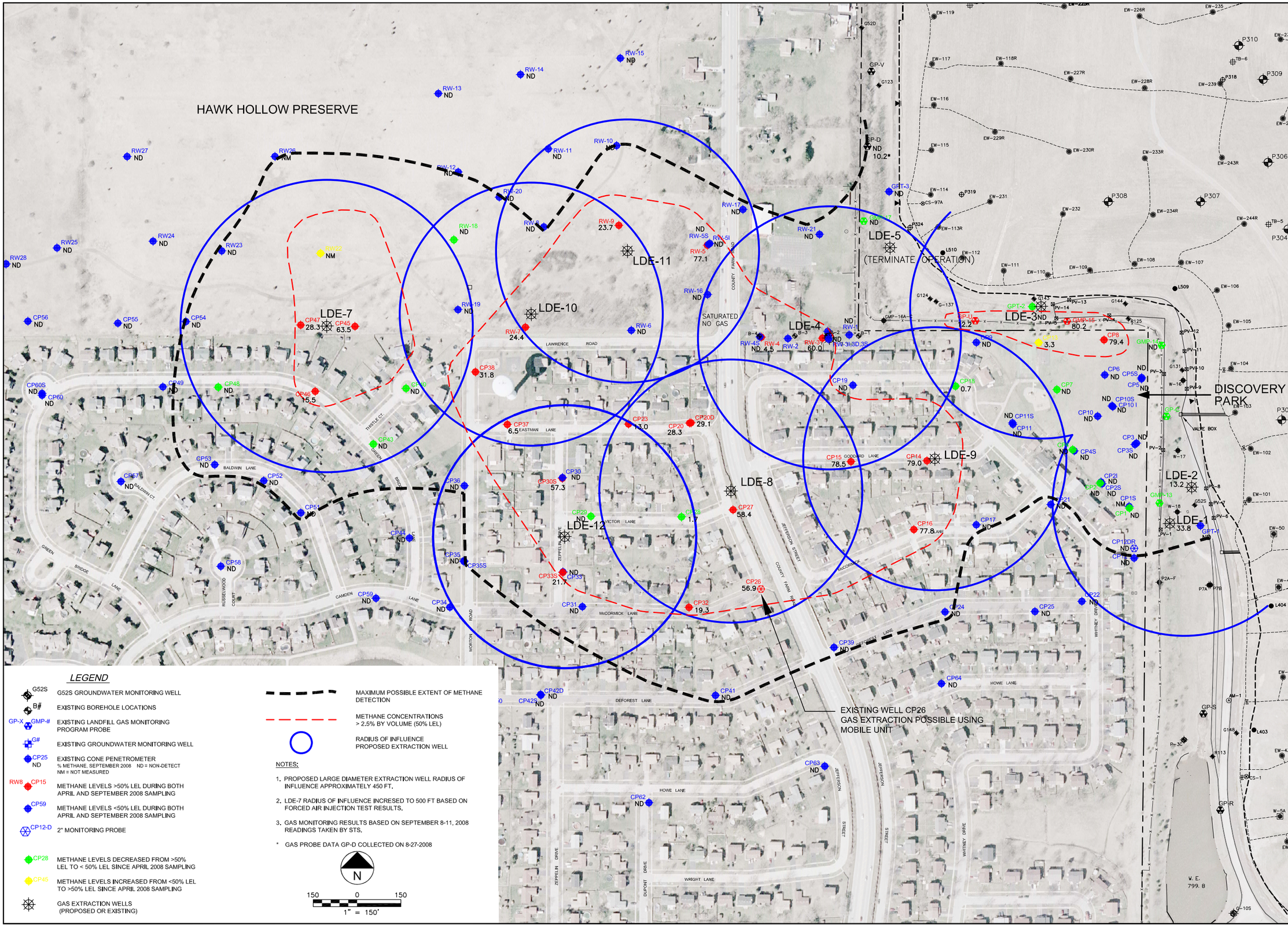

LEGEND

- G52S — G52S GROUNDWATER MONITORING WELL
- B# — EXISTING BOREHOLE LOCATIONS
- GP-X GMP-# — EXISTING LANDFILL GAS MONITORING PROGRAM PROBE
- G# — EXISTING GROUNDWATER MONITORING WELL
- CP25 ND — EXISTING CONE PENETROMETER
  % METHANE, SEPTEMBER 2008 ND = NON-DETECT
  NM = NOT MEASURED
- RW8 CP15 — METHANE LEVELS >50% LEL DURING BOTH APRIL AND SEPTEMBER 2008 SAMPLING
- CP59 — METHANE LEVELS <50% LEL DURING BOTH APRIL AND SEPTEMBER 2008 SAMPLING
- CP12-D — 2" MONITORING PROBE
- CP28 — METHANE LEVELS DECREASED FROM >50% LEL TO < 50% LEL SINCE APRIL 2008 SAMPLING
- CP45 — METHANE LEVELS INCREASED FROM <50% LEL TO >50% LEL SINCE APRIL 2008 SAMPLING
- GAS EXTRACTION WELLS (PROPOSED OR EXISTING)
- MAXIMUM POSSIBLE EXTENT OF METHANE DETECTION
- METHANE CONCENTRATIONS > 2.5% BY VOLUME (50% LEL)
- RADIUS OF INFLUENCE PROPOSED EXTRACTION WELL

NOTES:

1. PROPOSED LARGE DIAMETER EXTRACTION WELL RADIUS OF INFLUENCE APPROXIMATELY 450 FT.
2. LDE-7 RADIUS OF INFLUENCE INCRESED TO 500 FT BASED ON FORCED AIR INJECTION TEST RESULTS.
3. GAS MONITORING RESULTS BASED ON SEPTEMBER 8-11, 2008 READINGS TAKEN BY STS.

* GAS PROBE DATA GP-D COLLECTED ON 8-27-2008

N

150 0 150

1" = 150'

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STS | AECOM

1035 Kepler Dr.
Green Bay, WI 54311

920-468-1978

www.stsconsultants.com

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MALLARD LAKE LANDFILL
OFF SITE GAS COLLECTION SYSTEM UPDATE - EXAMPLE
DuPAGE COUNTY
HANOVER PARK, ILLINOIS
CURRENT METHANE LEVELS AND GAS EXTRACTION PLAN

Issued

Rev	Date	Description

Designed:		
Drawn:	RLD	11/24/2008
Checked:	KJC	11/24/2008
Approved:	MGR	11/24/2008

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