MARTIN SURVEY ASSOCIATES, INC.

8810 WILL CLAYTON PARKWAY, SUITE F • HUMBLE, TEXAS 77338

PROFESSIONAL SURVEYORS
LANDFILL SPECIALISTS
SITE DEVELOPMENT CONSULTANTS

TELEPHONE: (281) 446-8899
FAX: (281) 446-8609
EMAIL: msahouston@earthlink.com

JONES ROAD

MONITORING WELL/BENCHMARK/ & CPT LOCATIONS
CLIENT: SHAW ENVIRONMENTAL & INFRASTRUCTURE, INC.

DESCRIPTION	NORTHING	EASTING	T/FLANGE	T/PVC	T/CASING	T/CONC.	NAT. GRND.
BM-1	13,905,731.96	3,050,053.20				124.37	
BM-2	13,904,935.79	3,049,958.28				124.57	
BM-3	13,906,712.19	3,049,862.48				126.05	
BM-4 (RESET)	13,905,865.30	3,048,677.21				125.85	
							124.5
MAUCK ACTIVE WELL	13,906,067.5	3,050,226.4					124.4
MAUCK AB WELL	13,906,212.6	3,050,700.1	126.0				128.1
COPENHAVER AB WELL	13,906,505.1	3,046,187.6	129.6				128.3
COPENHAVER ACT W	13,906,510.0	3,046,197.5	129.6				127.6
DAUB AB WELL	13,906,408.8	3,047,867.9	128.8				127.1
DAUB ACTIVE WELL	13,906,432.2	3,047,891.4	128.6				125.5
WILLIAMS ACTIVE WELL	13,905,124.3	3,049,314.0	127.0				125.4
WILLIAMS AB WELL	13,905,049.3	3,049,324.3	126.7				125.3
G C CANDY ACTIVE W	13,903,854.7	3,048,587.3	126.8				
MW-6	13,905,739.5	3,050,053.0		124.09	124.45	124.38	
MW-7	13,905,616.5	3,050,080.2		124.16	125.21		125.0
MW-8	13,906,214.0	3,050,078.0		124.82	127.46*	124.58	124.3
MW-9 ABOVE GROUND	13,905,928.7	3,049,810.5		127.23			
MW-10	13,904,949.5	3,050,825.9		122.89			123.2
MW-11R	13,903,788.2	3,047,131.4		124.70			125.2
MW-12	13,904,960.6	3,047,679.8		124.74			125.1
MW-13	13,905,863.6	3,048,677.1		125.35			125.8
MW-14	13,907,149.0	3,047,178.5		126.27			126.6
MW-15	13,906,726.1	3,049,393.2		124.89			125.5
MW-16	13,906,778.9	3,050,197.2		124.98			125.4
MW-17	13,904,364.6	3,048,938.3		124.00			124.3
MW-18	13,904,365.0	3,048,928.6		123.88			124.2
MW-19	13,903,515.2	3,050,458.1		123.26			123.5
CPT 49	13,905,339	3,050,759					124.4
CPT 48	13,905,317	3,050,736					124.0
CPT 46	13,905,340	3,050,743					124.1
CPT 47	13,905,351	3,050,745					124.3
CPT 44	13,905,263	3,050,494					124.6
CPT 45	13,905,192	3,050,631					125.0
CPT 42	13,905,245	3,050,606					123.9
CPT 43	13,905,222	3,050,703					124.1
CPT 40	13,905,263	3,050,719					124.3
CPT 41	13,905,271	3,050,679					

NOTES:
* DENOTES TOP CASING ELEVATION WITH LID OPEN
AB DENOTES ABANDONED
ACT DENOTES ACTIVE

HORIZONTAL COORDINATES BASED ON: HARRIS COUNTY FLOODPLAIN REFERENCE MARKER NO. 150190
N 13,909,972.02 E 3,051,024.87 NAD 83 TEXAS SOUTH CENTRAL ZONE
ELEVATION: 127.03 NAVD88 - 2001 ADJUSTMENT

ELEVATIONS ARE BASED ON BENCHMARK NO. 2 THRU 4 AS PROVIDED BY CLIENT. TO ADJUST ELEVATIONS TO NAVD88 DATUM (REFERENCE MARK NO. 150190 - ELEV. 127.03) ADD (+) 0.89 FEET.

SURVEYED ON THE GROUND: JANUARY 20, 2005

ADDED MW-10-MW-19 FEBRUARY 09, 2006
RESET BM-4 FEBRUARY 09, 2006

STATE OF TEXAS
REGISTERED
KEVIN A. OLSON
4524
PROFESSIONAL
LAND SURVEYOR