

TABLE 1.1
SUBSURFACE VAPOUR CONCENTRATIONS
(% LEL)

DATE	BH1	BH2	BH3	BH5	BH6	BH7	BH8	BH9	BH11	BH12
93/05/05	NM	NM	NM	NM	NM	>100	NM	NM	NM	NM
93/05/20	<1	1	14	4	2	>100	<1	<1	<1	<1
93/07/16	1	1	NM ^r	20	2	NM ^r	NM ^r	<1	<1	2
93/09/09	<1	1	<1	2	1	>100	NM	<1	<1	ND
93/11/30	<1	<1	<1	10	<1	>100	NM	<1	<1	<1

DATE	BH13	BH14	BH16	BH17	BH18	P1	P2	P3	P4
93/05/05	NM	NM	11	<1	NM	NM	NM	NM	NM
93/05/20	1	2	14	2	<1	<1	<1	<1	<1
93/07/16	1	2	10	2	1	<1	<1	<1	4
93/09/09	1	2	3	2	2	<1	<1	<1	<1
93/11/30	<1	<1	2	<1	<1	<1	<1	<1	<1

ND - not detected (<5 ppm)

NM - not monitored

r - piezometer flooded

NOTES: Vapour concentrations less than 5% LEL were measured in ppm but reported in % LEL.
All reported values are rounded to the nearest whole number.



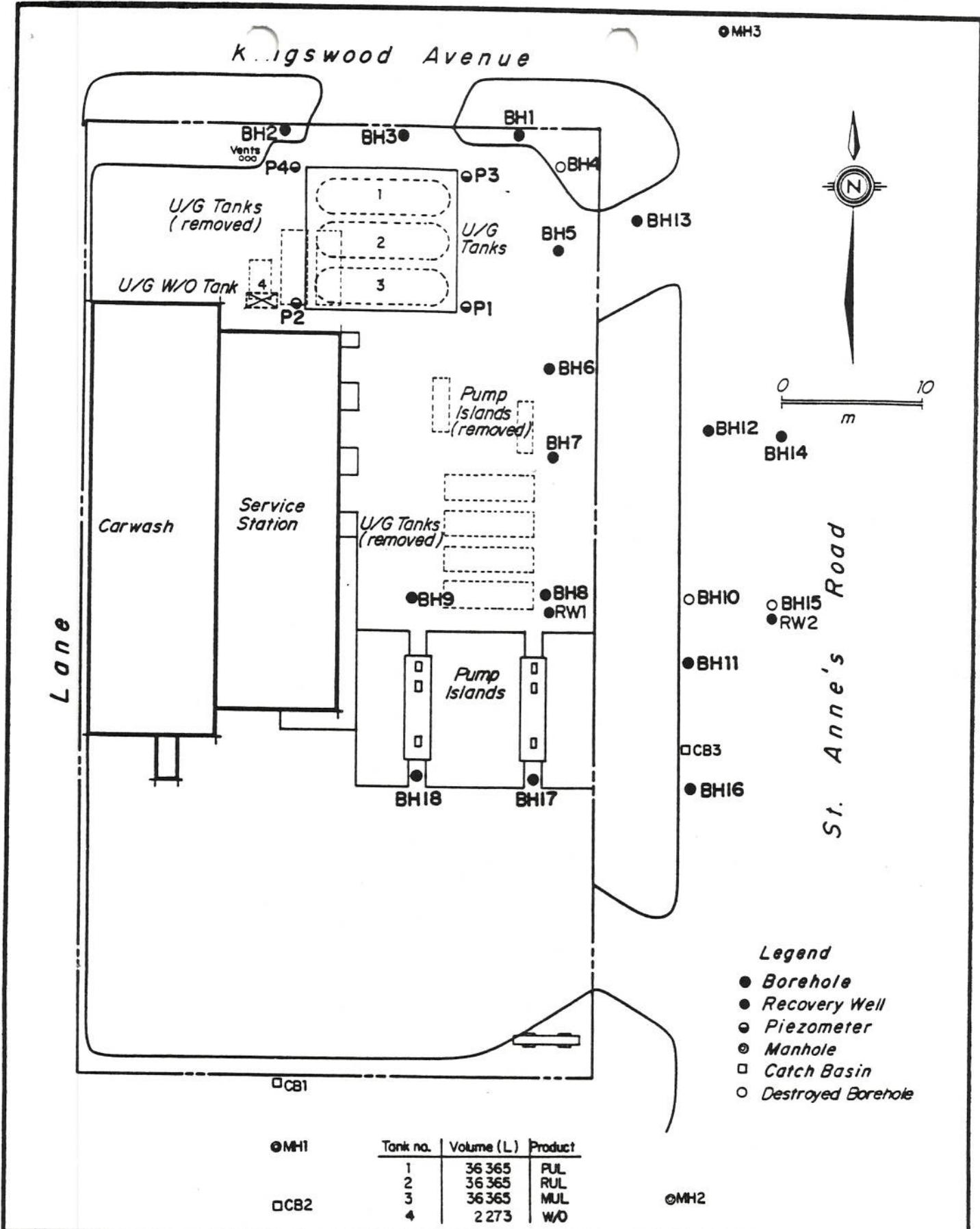
TABLE 1.2
 VAPOUR EXTRACTION SYSTEM PERFORMANCE DATA
 (connected to Horizontal Header)
 (VES 154)

<u>DATE</u>	<u>TIMER READING</u> (hours)	<u>VAPOUR CONCENTRATION</u> (% LEL)	<u>FLOW VELOCITY</u> (m/s)	<u>TEMPERATURE</u> (°C)	<u>ESTIMATED EXTRACTION RATE</u> (L/DAY)	<u>CUMULATIVE VOLUME EXTRACTED</u> (L)
89/06/10-92/11/26	6486.0					2267
93/01/19	7753.0	0.3	23.8	0.0	0.8	2309
93/04/23	6031.8	0.4	24.2	14.0	0.8	2309
93/05/05	6304.0	0.2	23.3	20.0	0.4	2314
93/05/20	6646.0	0.6	22.6	23.0	1.3	2332
93/06/15 ^{a,b,c}	7242.0	0.2	22.7	30.0	0.4	2364
93/07/16 ^d	NR	0.3	22.9	21.0	0.6	2382
93/08/09 ^{d,e}	NR	0.1	24.9	28.0	0.3	2388
93/09/09 ^f	9142.9	0.1	24.0	20.0	0.3	2394
93/10/12 ^e	9932.3	<0.1	21.2	17.0	<0.1	2397
93/11/30 ^g	9932.7				<0.1	2397

- a - VES 154 was inoperative on arrival; operated for 25 of a possible 26 days
 b - parameters recorded after 20 minutes of operation
 c - the volume extracted was calculated using the previous estimated extraction rate
 d - timer reading not recorded, assume continuous operation
 e - VES 154 deactivated on trial basis
 f - VES 154 operating on arrival; activated by persons other than OAEI
 g - VES 154 remains inactive on-site
 NR - no reading

NOTE: Vapour concentrations less than 5% LEL were measured in ppm but are reported in % LEL.





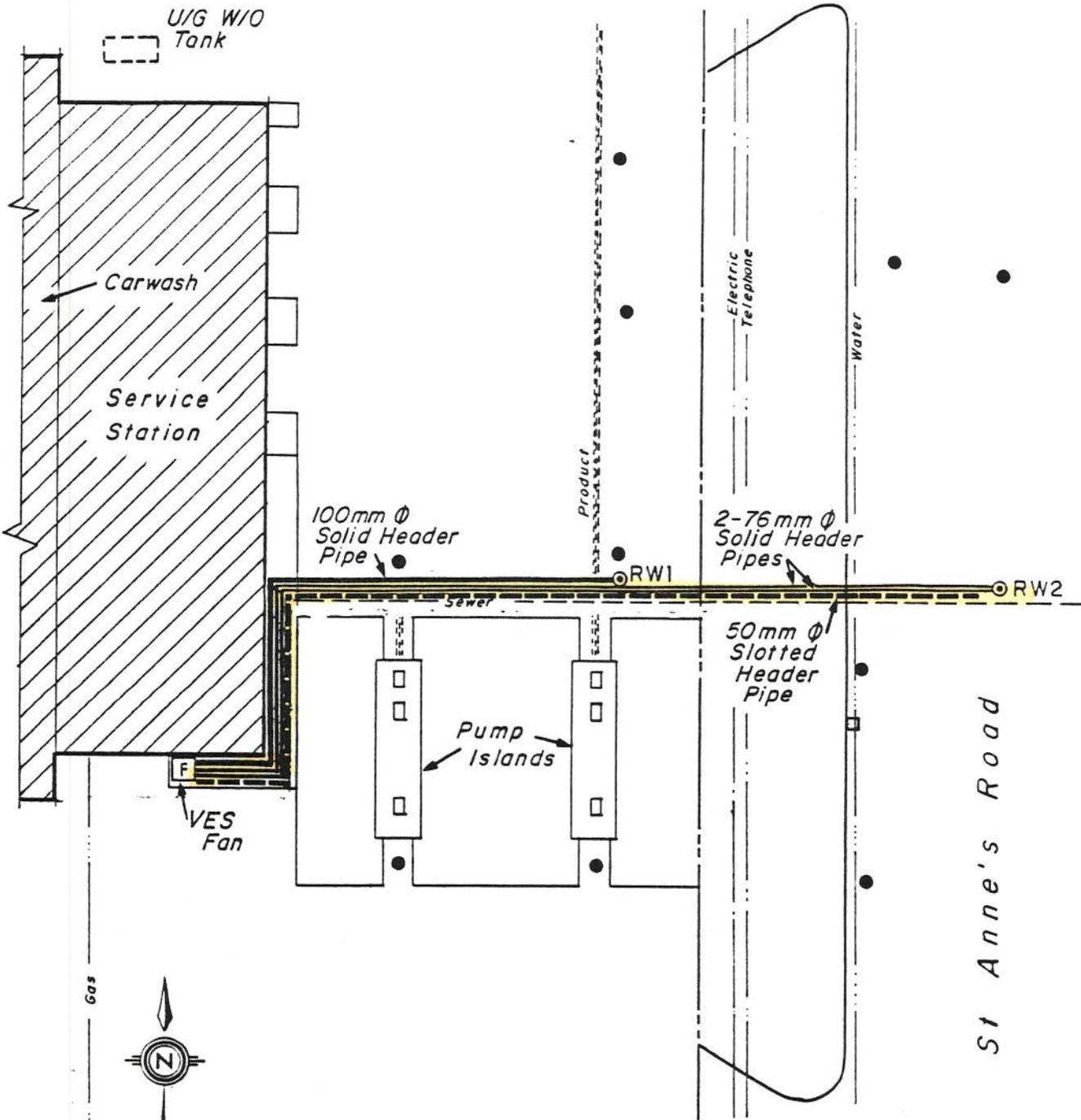
- Legend**
- Borehole
 - Recovery Well
 - ⊙ Piezometer
 - ⊗ Manhole
 - Catch Basin
 - Destroyed Borehole

Tank no.	Volume (L)	Product
1	36 365	PUL
2	36 365	RUL
3	36 365	MUL
4	2 273	W/O

O'CONNOR ASSOCIATES

JOB NO.:	10-1177	DATE:	93/07/07
DRAWN BY:	JR	DWG. NO.:	1.1

Site Plan



LEGEND

- Borehole
- Recovery Well
- Catch Basin



Header Piping Configurations

O'CONNOR ASSOCIATES	
JOB NO.: 10-1177	DATE: 92/10/16
DRAWN BY: MG	DWG. NO.: 1.2

