

Residential Sampling Update

Madison Kipp Corp. & Neighboring Properties

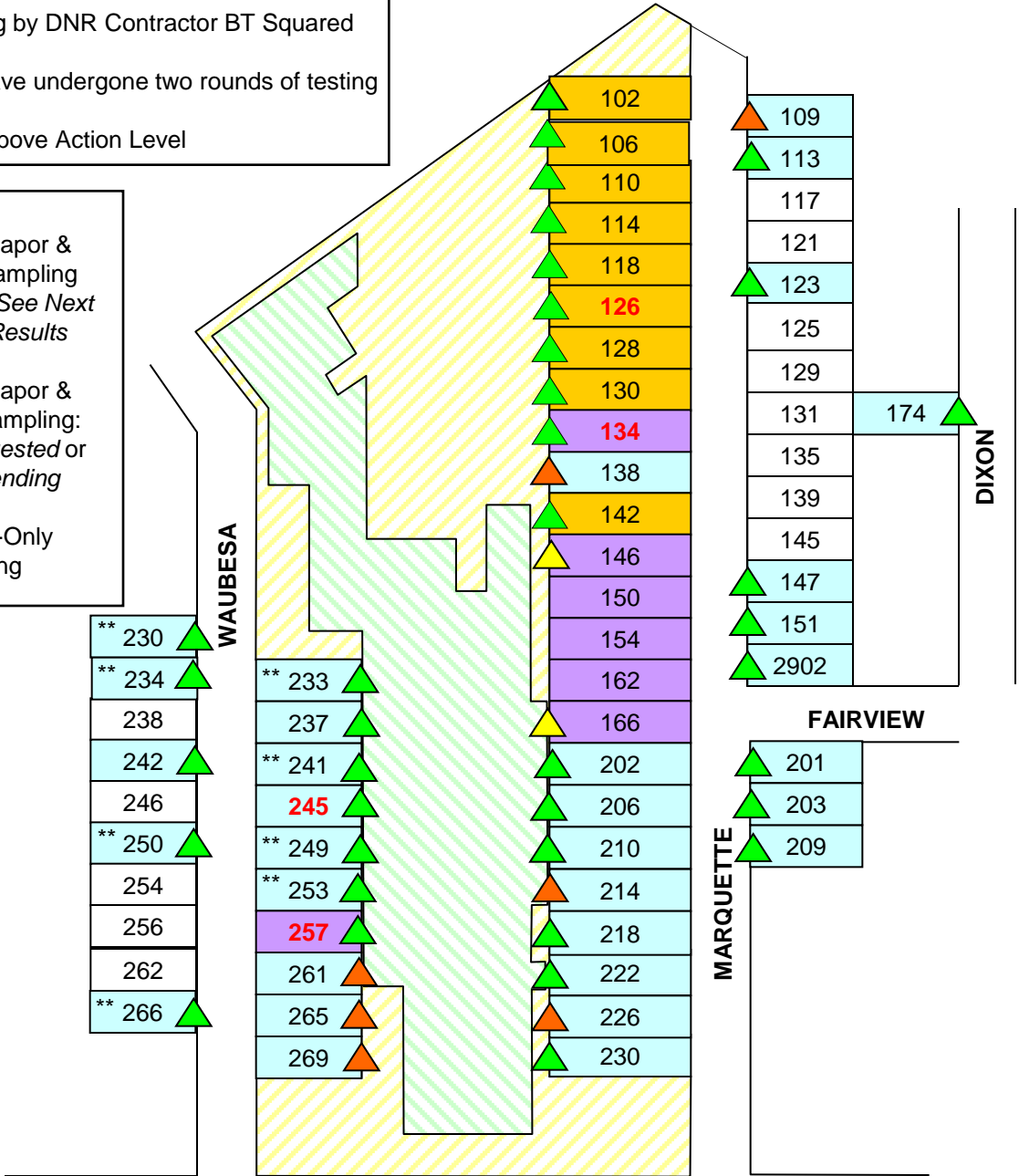
Updated as of June 29, 2012 – Not to Scale

- House with installed mitigation system
- Testing by MKC Contractor Arcadis
- Testing by DNR Contractor BT Squared

** - Houses that have undergone two rounds of testing

Bold – Results Above Action Level

- Sub-Slab Vapor & Indoor Air Sampling Completed – See Next Pages for Results
- Sub-Slab Vapor & Indoor Air Sampling: Access Requested or Results Pending
- Indoor Air-Only Sampling



Residential Vapor Intrusion Testing Near Madison Kipp Corporation

Results for Tetrachloroethylene (PCE) Only
Samples Collected by SCS/BT Squared – June 4-8 2012
All concentrations in *parts-per-billion by volume (ppbv)*

Address	Sub Slab Site	Indoor Air Site
201 S. Marquette	1.5	ND
230 Waubesa**	1.27	0.125
233 Waubesa**	1.45	0.376
234 Waubesa**	0.781	0.182
241 Waubesa**	4.01	ND
242 Waubesa	0.35	ND
249 Waubesa**	5.99	5.88
250 Waubesa**	0.525	ND
253 Waubesa**	5.6	ND
266 Waubesa**	3.97	1.31

Note:

- ND – Not Detected
- No results were found above DNR's established action level for PCE
- ** - Houses that have undergone two rounds of testing

Residential Vapor Intrusion Testing Near Madison Kipp Corporation

Results for Tetrachloroethylene (PCE) Only Samples Collected by SCS/BT Squared – May 14-18 2012

All concentrations in *parts-per-billion by volume (ppbv)*

Address	Sub Slab Site	Indoor Air Site
146 S. Marquette	--	ND
201 S. Marquette	5.36	ND
203 S. Marquette	2.33	ND
245 Waubesa	9.23	0.524
266 Waubesa	2.54	ND

Note:

- ND – Not Detected
- **Bold** – Results Above Action Level

Residential Vapor Intrusion Testing Near Madison Kipp Corporation

Samples Collected by Arcadis – May 2012

Results for Tetrachloroethylene (PCE) Only

All concentrations in *parts-per-billion by volume (ppbv)*

Address	Sub Slab Site #1	Sub Slab Site #2	Indoor Air Site #1	Indoor Air Site #2
106 S. Marquette	2.0	0.52	0.061	0.045

Residential Vapor Intrusion Testing Near Madison Kipp Corporation

Results for Tetrachloroethylene (PCE) Only
Samples Collected by SCS/BT Squared – April 24-26 2012
All concentrations in *parts-per-billion by volume (ppbv)*

Address	Sub Slab Site	Indoor Air Site
113 S. Marquette	0.3	ND
123 S. Marquette	0.715	0.227
151 S. Marquette	0.28	ND
166 S. Marquette	--	0.17
202 S. Marquette	4.46	ND
206 S. Marquette	0.465	ND
222 S. Marquette	0.356	ND
234 Waubesa	0.385	0.297
249 Waubesa	3.49	ND
250 Waubesa	0.324	ND

Note:

- ND – Not Detected
- No results were found above DNR's established action level for PCE

Residential Vapor Intrusion Testing Near Madison Kipp Corporation

Samples Collected by SCS/BT Squared – April 11-13 2012

Results for Tetrachloroethylene (PCE) Only

All concentrations in *parts-per-billion by volume (ppbv)*

Address	Sub Slab Site	Indoor Air
147 S. Marquette	ND	ND
209 S. Marquette	0.256	ND
218 S. Marquette	0.518	ND
230 Waubesa	0.155	ND
233 Waubesa	0.502	0.307
241 Waubesa	2.67	ND
253 Waubesa	4.9	0.099
257 Waubesa	9.99	0.107
174 Dixon	ND	ND
2902 Fairview	0.186	0.119

Note:

- ND – Not Detected
- **Bold** – Results Above Action Level

(Results continued on next page)

Residential Vapor Intrusion Testing Near Madison Kipp Corporation

Samples Collected by Arcadis – March 2012

Results for Tetrachloroethylene (PCE) Only

All concentrations in *parts-per-billion by volume (ppbv)*

Address	Sub Slab Site #1	Sub Slab Site #2	Indoor Air Site #1	Indoor Air Site #2
102 S. Marquette	0.96	0.18	ND	ND
106 S. Marquette				
110 S. Marquette	1.5	0.28	0.060	0.060
<i>DHS Split</i>	-	0.485	-	-
114 S. Marquette	1.7	.50	.084	.092
118 S. Marquette	1.4	0.32	0.14	0.061
126 S. Marquette	5.8	0.79	0.046	0.045
<i>DHS Split</i>	8.43	1.17	-	-
128 S. Marquette	0.18	ND	ND	ND
130 S. Marquette	2.4	0.46	0.036	ND
<i>DHS Split</i>	2.87	0.732	-	-
134 S. Marquette	6.2	1.6	0.14	0.035
138 S. Marquette				
142 S. Marquette	1.4	0.52	ND	ND
<i>DHS Split</i>	0.742	-	-	-

Note:

- ND – Not Detected
- DHS Split – A sample taken at the exact same time and location by the Wisconsin Department of Health Services
- **Bold** – Results Above Action Level
- Empty cell indicates data is not yet available