

Martindale Brightwood Risk Ranking Matrix -- Approved by MBEJC Leadership, March 9, 2010

| | Healthy Homes | | | | | | Land | | | Water | | | Outdoor Air Pollution | | | | Other Issues | | |
|--|---------------------|---|---------------|------------------------------------|--|----------------------|-----------------|-------------|--------------|--------------------------------|-----------------------|---------------------------|-----------------------|----------|--------------|---------------------|-----------------|------------------------|---------------|
| | Lead Paint in Homes | Indoor Air (smoking, carbon monoxide radon, asbestos) | Mold/Moisture | Household Chemicals and Pesticides | Code Violations, Boarded Up & Abandoned Properties | Senior Housing Risks | Illegal Dumping | Brownfields | Lead in Soil | Stormwater Drainage & Flooding | Drinking Water Safety | Groundwater Contamination | Traffic | Industry | Open Burning | Construction & Dust | Noise Pollution | Lack of Beautification | Stray Animals |
| Exposure | | | | | | | | | | | | | | | | | | | |
| Number of People Exposed | 4 | 3 | 2 | 5 | 3 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 5 | 4 | 2 | 2 | 1 | 4 | 1 |
| Children Exposed | 5 | 5 | 3 | 5 | 1 | 1 | 2 | 2 | 5 | 1 | 1 | 1 | 5 | 4 | 2 | 2 | 1 | 1 | 3 |
| Elderly Population Exposed | 1 | 3 | 1 | 3 | 1 | 5 | 2 | 2 | 1 | 1 | 1 | 1 | 5 | 4 | 1 | 2 | 1 | 1 | 3 |
| Frequency of Exposure | 4 | 4 | 2 | 3 | 1 | 5 | 4 | 3 | 3 | 1 | 1 | 1 | 5 | 4 | 2 | 1 | 1 | 3 | 1 |
| Health Effects | | | | | | | | | | | | | | | | | | | |
| Likelihood of Illness | 4 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 1 |
| Seriousness of Illness | 4 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 4 | 1 | 1 | 1 | 3 | 3 | 2 | 1 | 1 | 1 | 2 |
| Duration of Illness | 4 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 4 | 1 | 1 | 1 | 4 | 3 | 2 | 1 | 1 | 1 | 2 |
| Reversibility of Illness | 4 | 3 | 3 | 3 | 1 | 3 | 1 | 3 | 4 | 1 | 1 | 1 | 3 | 3 | 3 | 1 | 1 | 1 | 3 |
| Quality of Life | | | | | | | | | | | | | | | | | | | |
| Intensity of Problem | 3.4 | 3 | 3.2 | 2.7 | 4.4 | 3.6 | 4.5 | 3.7 | 4.1 | 3.8 | 2.6 | 3.1 | 3.6 | 3.1 | 2.4 | 2.7 | 3.6 | 3.4 | 2.8 |
| Psychological Affects | 2.4 | 2.7 | 2.8 | 2.1 | 4 | 2.7 | 3.9 | 2.9 | 3.6 | 3 | 2.7 | 3.1 | 3.6 | 2.8 | 2.3 | 2.5 | 3.3 | 2.8 | 3.3 |
| Data Availability | | | | | | | | | | | | | | | | | | | |
| Amount of Data Available | 5 | 4 | 4 | 4 | 5 | 1 | 5 | 5 | 5 | 3 | 3 | 4 | 5 | 5 | 5 | 5 | 3 | 4 | 3 |
| How Certain is the Data?* | 5 | 5 | 3 | 3 | 3 | 1 | 5 | 5 | 5 | 1 | 1 | 3 | 5 | 5 | 5 | 5 | 1 | 3 | 3 |
| Community Considerations | | | | | | | | | | | | | | | | | | | |
| Level of Community Concern | 3.9 | 3.7 | 3.8 | 3 | 4.5 | 3.9 | 4.5 | 4.3 | 4.5 | 3.5 | 3.4 | 3.4 | 4.1 | 3.7 | 3.2 | 3.3 | 4 | 3.9 | 3.6 |
| Feasibility of Local Action (Education) | | | | | | | | | | | | | | | | | | | |
| Feasibility of Local Action (Mitigation) | | | | | | | | | | | | | | | | | | | |
| Feasibility of Govt. Action | | | | | | | | | | | | | | | | | | | |
| Total Score | 49.7 | 45.4 | 33.8 | 39.8 | 32.9 | 33.2 | 38.9 | 38.9 | 48.2 | 23.3 | 20.7 | 24.6 | 54.3 | 46.6 | 33.9 | 29.5 | 22.9 | 30.1 | 31.7 |

Data is available for a majority of the issues/stressors; however, the data may have some limitations based on number of examples, time of year, duration, amount of available data for the area.