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Air Quality Sampling

Around

5801Yahl Street
Naples, Florida 34109

Presented by

CLEAN AIR MANAGEMENT, INC.

Report Prepared for:

Wink News
12641 Corporate Lakes Drive
Fort Myers, Florida 33913

CAM Project No.:

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February 12, 2026

Wink News
12641 Corporate Lakes Drive
Fort Myers, Florida 33913

Pursuant to your request, Clean Air Management, Inc. (CAM) performed an air quality sampling of the neighborhood surrounding the recycling plant located at 5801 Yahl Street, Naples, Florida. Clean Air Management's representative, James Kukalis, a Certified IAQ Professional and licensed Mold Assessor in the State of Florida, performed the testing.

Visible dust was observed settled on surfaces surrounding the recycling facility. Neighbors reported that when the wind blows in their direction dust levels increase greatly.

View of sampling on Yahl Street

View of car adjacent to recycling facility on Houchin

Surface Sample Results

Surface samples were gathered from the settled dust to provide identification of the components. Surface samples were gathered using the tape lift method in accordance with the ASTM standard.[1] Analysis was performed direct examination using light microscopy at 1000x with oil immersion.

The following is a summary of the results:

[1] ASTM D7910-14 Standard Practice for Collection of Fungal Material From Surfaces by Tape Lift

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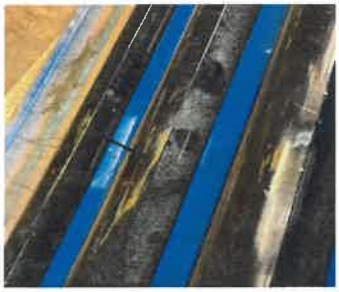
Surface Sample Results

Location Photo	Location	Result
	Car windshield at 5805 Houchin	Fiberglass Gypsum
	Bulk Sample from Inside Mechanic Shop	Cellulose Manmade Fibers Fiberglass Gypsum
	Car windshield at 5805 Houchin	Fiberglass Cellulose Gypsum

The sample results indicate the presence of construction debris, likely insulation and drywall dust.

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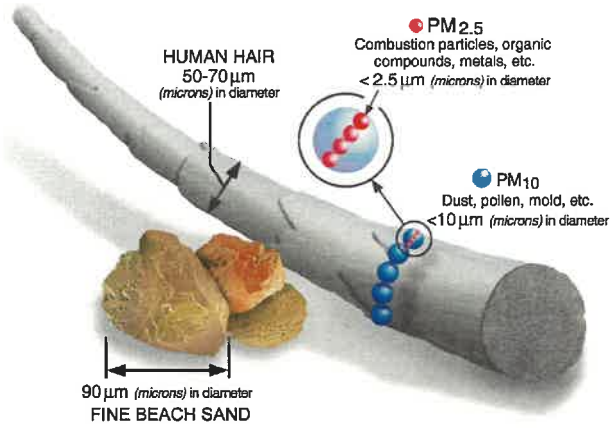
Airborne Particle Counts

Outdoor particulate levels were measured under normal ambient conditions. Airborne particle counts were gathered using a Particles Plus 8301 handheld direct-reading laser particle counter. For a detailed explanation of the operation of the particle counter for Particle Mass Estimation please set this article by the manufacturer.

The naked human eye can only see particles about 40 microns and larger[2]. The particle sizes measured during the inspection ranged between 0.3 and 10 microns; all particles that are not visible to the human eye but are important in terms of respiratory hazards. The following chart produced by the EPA offers a size comparison to help understand the scale and size of the particles discussed in this report.



The body has mechanisms for filtering out larger particles, however smaller particles can bypass these system and large numbers of particles can overwhelm the body's natural defenses, allow some particles to pass.

The smaller the particle the deeper it can travel into the lungs. Some very small particles may even travel through to the bloodstream. People with heart or lung diseases such as coronary artery disease, congestive heart failure, asthma or chronic obstructive pulmonary disease (COPD), children and older adults may be at greater risk of adverse health symptoms from exposure to elevated levels of airborne particulate.

Elevated concentrations of particles in the air can indicate an irritating environment. Exposure to elevated levels of airborne particulate have been documented to cause health symptoms including irritation of the eye, nose and throat, breathing difficulties, lung cancer and aggravation of symptoms in persons with coronary or respiratory diseases.

Overall, very few guidelines exist for particulate levels. Please consult this size chart for information on particles of various sizes. Normally, concentrations lower as particle size increases.

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[2] Engineering toolbox https://www.engineeringtoolbox.com/particle-sizes-d_934.html

Some standards evaluate airborne particles by mass for a certain size of particle (including all collected particles up to and including the listed particle size). The particle counter used for sampling accurately calculates the mass of the particles collected to report mass. This can be helpful for comparison with published environmental and workplace standards.

According to the Environmental Protection Agency (EPA) exposure to inhalable particles can affect the lungs and heart. The EPA has published outdoor standards for particulate matter at the 2.5 and 10 micron sizes.

PM 2.5 is a measure of particles 2.5 microns in aerodynamic diameter and smaller. The United States Environmental Protection Agency (EPA) has established a short-term outdoor standard of 35 micrograms per cubic meter of air ($\mu g/m^3$) and an annual standard of 9 $\mu g/m^3$.

PM 10 is a measure of particles 10 microns and smaller. According to the EPA the 24 hour outdoor concentration should not exceed 150 $\mu g/m^3$.

OSHA, the United States Occupational Safety and Health Administration, has a guideline for the maximum allowable 8-hour time-weighted exposure in an occupational setting, known as a permissible exposure limit (PEL), of 15,000 $\mu g/m^3$ (15 mg/m^3) for total dust and 5,000 $\mu g/m^3$ (5 mg/m^3) for dust less than 5μm in size. The American Council of Governmental Industrial Hygienists (ACGIH) sets a limit (TLV-TWA) for total dust of 10 mg/m^3 (10,000 $\mu g/m^3$) for particulates having a quartz silica content of less than 1 percent.

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Airborne Particulate Mass Concentrations (mg/m^3)

Date	Time	Location	PM02.50	PM10.00
1/8/26	1:10:06 PM	Across Yahl	27.15	268.87
1/8/26	1:14:12 PM	5840 Yahl	36.79	763.77
1/8/26	1:15:49 PM	End of Yahl	5.12	50.47
1/8/26	1:17:52 PM	5735 Yahl	60.45	1991.82
1/14/26	1:03:22 PM	Yahl Street	21.6	501.33
1/14/26	1:08:17 PM	Yahl Street	8.75	115.93
1/14/26	1:17:41 PM	Houchin Street	9.11	123.61
1/14/26	1:19:42 PM	Houchin Street	8.13	94.59
1/14/26	1:33:09 PM	Houchin Street	10.72	169.82
1/14/26	1:51:12 PM	Storage Lot	15.14	371.64
1/22/26	10:26:53 AM	5790 Yahl	6.99	23.27
1/22/26	10:29:29 AM	5830 Yahl	8.2	17.32
1/22/26	10:36:10 AM	End of Yahl	33.43	46.28
1/22/26	10:39:52 AM	Storage Lot	6.97	47.02
1/23/26	11:27:07 AM	5790 Yahl	5.05	36.47
1/23/26	11:29:06 AM	5830 Yahl	8.02	160.32
1/23/26	11:31:08 AM	5840 Yahl	4.58	23.59
1/23/26	11:32:57 AM	End of Yahl	6.14	29.79
1/23/26	11:35:38 AM	Storage lot	12.89	223.01
1/23/26	11:37:34 AM	5805 Houchin	11.12	94.25
2/11/26	2:00:42 PM	5770 Yahl	5.12	48.45
2/11/26	2:02:24 PM	5820 Yahl	22.17	312.32
2/11/26	2:04:24 PM	5840 Yahl	20.93	398.47
2/11/26	2:06:02 PM	End of Yahl	10.97	224.15
2/11/26	2:08:46 PM	Storage Lot	5.83	56.95
2/11/26	2:10:28 PM	5805 Houchin	5.14	50.64
		Average	**14.48**	**240.16**
		EPA Annual Standard	**9**	**150**

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Conclusion and Recommendations:

Clean Air Management, Inc. Certified Indoor Air Quality Professional James Kukalis performed cursory spot checks of air quality in the neighborhood surrounding the recycling center at 5801 Yahl Street, Naples.

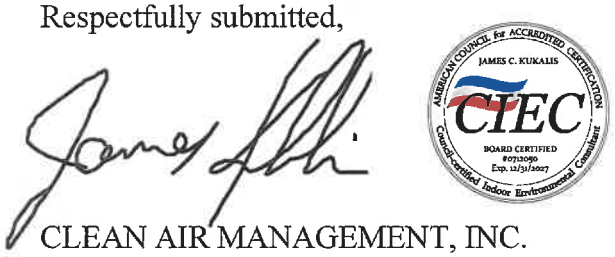
The recycling center reportedly recycled construction materials. Work was underway when sampling was performed and it appeared that workers were spraying water during the operation to keep down dust.. The wind on each day was less than 6-7 miles per hour.

The testing performed shows only a "snapshot in time". A longer sampling period is recommended to determine actual levels of particulate and to track trends of elevation and decline.

The small amount of sampling performed on five random dates and times indicated particle mass concentrations above the EPA recommended annual standards for PM 10 and PM 2.5. It is recommended that a monitoring using EPA approved methods.

Please do not hesitate to contact this office with any questions. Thank you.

Respectfully submitted,



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