

Validation of Hand Dryer Microbial Amplification Using Broad-Spectrum Growth Media: A Replication Study with Enhanced Detection Methodology

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Abstract

This validation study using refined methodologies gleaned from prior testing replicates and extends findings from our original 18-month investigation of microbial contamination in commercial hand dryers (Paper 1) and paper towels (Paper 4). Using tryptic soy agar (TSA), a broad-spectrum growth medium, we conducted 116 microbiological tests across 97 restrooms at 78 commercial establishments, employing a single-intervention design with several dual-intervention opportunities that randomly presented themselves by testing multiple drying interventions in the same restroom on the same day. All 116 control dishes remained sterile, confirming methodological integrity. We have eliminated environmental confounders, tightened up technique, improved efficacy from prior work, and established causal relationships between drying method and contamination outcome. Hand dryer validation (n=49) confirmed 100% amplification of bacterial and fungal counts of dryer output air over ambient room air sampled directly in front of the devices. We see dramatically higher dryer detection than our original LB agar methodology with a median dryer output of 200 CFU compared to 67 CFU in Paper 1—a 3.0× increase attributable to TSA's broader detection spectrum. Plate CFU counts were higher for hand dryer output air (mean 88 CFU Paper 1 versus mean 373 CFU, 4.2×) than for ambient air (mean 1.78 CFU Paper 1 versus 3.73 CFU, 2.1×), suggesting that dryer contamination is qualitatively different from room air. Some unknown mechanism of action cultivates novel microbial communities rather than simply concentrating ambient organisms. Median amplification factor was 110× (versus 49.6× in Paper 1 [1]), confirming that our original findings were methodologically conservative. The minimum dryer output observed was 70 CFU in room air that tested at 6 CFU. Maximum dryer output was 5,431 CFU with a room air count of 20 CFU. Testing of HEPA-filtered dryers (n=11) showed no significant contamination advantage over non-HEPA units (Mann-Whitney U, p=0.18), demonstrating that intake air filtration does not address the contamination mechanism. Paper towel validation (n=67) confirmed the contamination hierarchy established in Paper 4 [2]. White paper towels

(n=41) showed no significant difference from ambient air (median 1 CFU, Wilcoxon $p=0.245$), with 29.3% of samples completely sterile. Brown paper towels (n=26) significantly amplified contamination above ambient levels (median 46 CFU, Wilcoxon $p<0.001$), with 0% sterile. The complete contamination hierarchy was preserved: Hand Dryers (200 CFU) >> Brown Paper Towels (46 CFU) >> Ambient Air (2 CFU) $\approx$ White Paper Towels (1 CFU). An unexpected finding emerged from cross-comparison of ambient air measurements: restrooms with hand dryers and brown paper towels showed double the ambient contamination (mean 3.73 CFU) than restrooms with white paper towels (mean 1.68 CFU; Mann-Whitney U, $p=0.018$). This 2.2 $\times$ elevation in room air contamination suggests that dryers may be contaminating not just users but the restroom environment itself—consistent with the visible wall contamination documented in Paper 10. These findings establish that our original research program significantly underestimated true contamination levels. The dual-intervention comparisons provide causal evidence that contamination differences result from drying method choice, not environmental variation.

This paper is part of an eleven-study series examining hand hygiene practices in public restrooms. The papers were written in chronological order as testing evolved. Earlier papers are left largely as they were written at the time for detail, historicity, and clarity. Studies in this series may be referenced in each document by series number (Paper 1-11) or by citation number in the reference list.

Paper 1: *Transmission of Bacteria and Fungus via Dyson and Xlerator Hand Dryers in Starbucks, Home Depot and Whole Foods Restrooms: A Comparative Analysis* Blouch, R.A. Jr. (2025) [Preprint] Retrieved from www.handdryerstudy.com/. DOI: 10.5281/zenodo.15504115

Paper 2: *Testing the Validity of Hand Dryer Drying Time Specifications: A Quantitative Study of Residual Water on Dyson and Xlerator Dryers in Retail Store Environments* Blouch, R.A. Jr. (2025) [Preprint] Retrieved from www.handdryerstudy.com/. DOI: 10.5281/zenodo.15503698

Paper 3: *Visual Analysis of Water Dispersion Patterns During Hand Drying: A Qualitative Comparison of High-Speed Air Dryers and Paper Towels* Blouch, R.A. Jr. (2025) [Preprint] Retrieved from www.handdryerstudy.com/. DOI: 10.5281/zenodo.15503304

Paper 4: *Bacterial and Fungal Contamination Assessment of Paper Towel Types: A Quantitative Analysis of White versus Brown Varieties in Retail Restrooms* Blouch, R.A.

Jr. (2025) [Preprint] Retrieved from www.handdryerstudy.com/. DOI: 10.5281/zenodo.15504144

Paper 5: *Systematic Performance Failure in Commercial Hand Dryers: A Large-Scale Quantitative Analysis of Time-To-Dry on Hands in Dyson and Xlerator Hand Dryers in Public Restrooms* Blouch, R.A. Jr. (2025) [Preprint] Retrieved from www.handdryerstudy.com/. DOI: 10.5281/zenodo.17858443

Paper 6: *Baseline Water Mass on Freshly Washed Hands: Establishing Reference Values* Blouch, R.A. Jr. (2025) [Preprint] Retrieved from www.handdryerstudy.com/. DOI: 10.5281/zenodo.17858834

Paper 7: *An Empirical Refutation of Green Energy Claims for Dyson and Xlerator Hand Dryers in Use in Public Restrooms* Blouch, R.A. Jr. (2025) [Preprint] Retrieved from www.handdryerstudy.com/. DOI: 10.5281/zenodo.17859198

Paper 8: *Catastrophic Time-To-Dry Failures by Dyson, Excel and World Dryer Hand Dryers via the Bi-Modal Loose Water and Bound Water Mechanism: A Comprehensive Definitive Analysis* Blouch, R.A. Jr. (2025) [Preprint] Retrieved from www.handdryerstudy.com/. DOI: 10.5281/zenodo.17869567

Paper 9: *Validation of Hand Dryer Microbial Amplification Using Broad-Spectrum Growth Media: A Replication Study with Enhanced Detection Methodology (this paper)* Blouch, R.A. Jr. (2025) [Preprint] Retrieved from www.handdryerstudy.com/. DOI: 10.5281/zenodo.17859894

Paper 10: *The Wandering Plume of Filth: A Randomized, Empirical Assessment of Visible Wall Contamination Radiating from Commercial Hand Dryers Versus Paper Towel Dispensers in Functioning Public Restrooms* Blouch, R.A. Jr. (2025) [Preprint] Retrieved from www.handdryerstudy.com/. DOI: 10.5281/zenodo.17860971

Paper 11: *Performance Failures in Commercial Hand Dryers: An Historical Synthesis and Sequential Summary Review of an Eleven-Study Research Program* Blouch, R.A. Jr. (2025) [Preprint] Retrieved from www.handdryerstudy.com/. DOI: 10.5281/zenodo.18322481

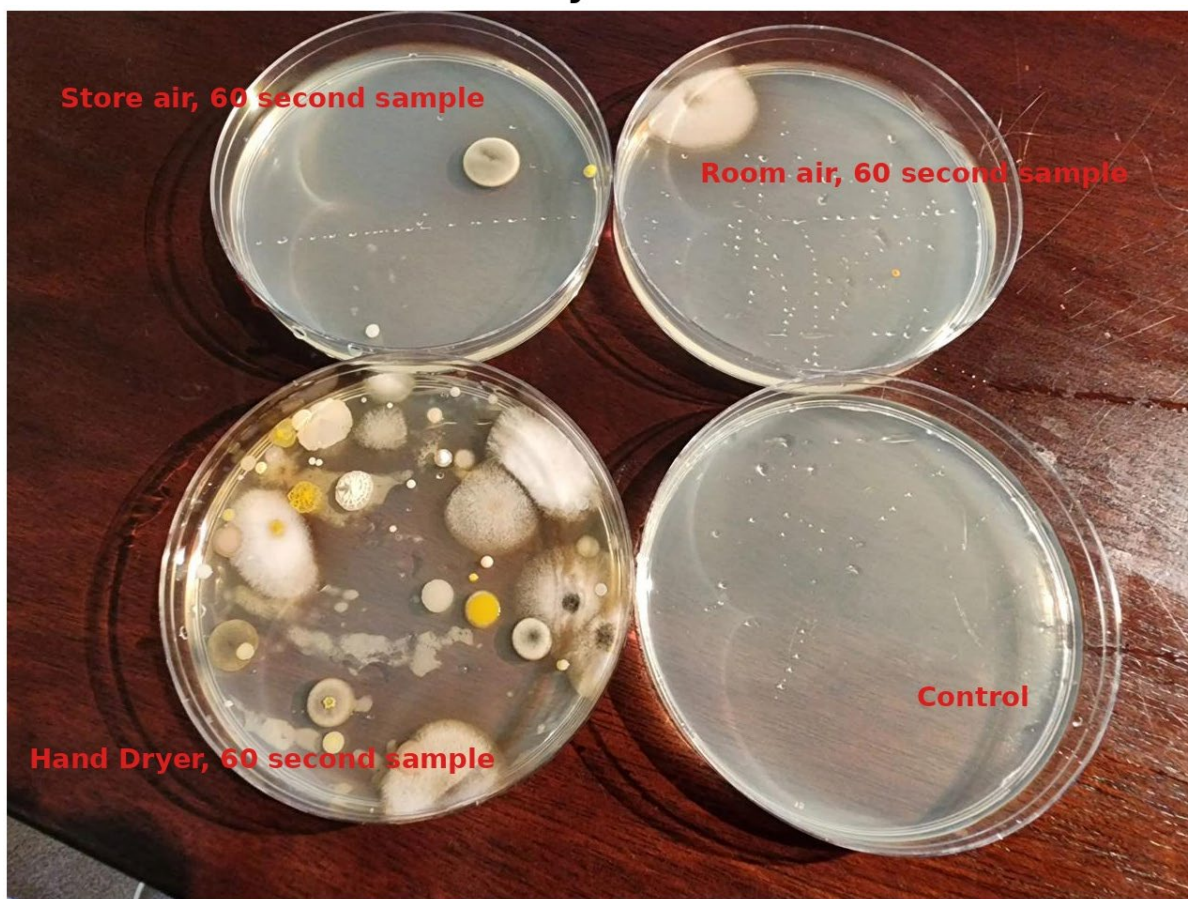
1. Introduction

Our original 18-month investigation (Paper 1) documented universal microbial amplification in commercial hand dryers, with 87 of 87 tests showing contamination levels exceeding ambient restroom air by a median factor of 49.6×. That foundational study

employed Luria-Bertani (LB) agar, a selective medium optimized for gram-negative bacteria. While LB agar provided robust detection of enteric organisms commonly associated with fecal contamination, multi-media validation testing revealed that LB captures only approximately 48.7% of total culturable organisms present in hand dryer emissions. (Blouch, 2025, [1]) Prior research has established that hand drying method significantly impacts bacterial transfer (Patrick et al., 1997 [3]; Huang et al., 2012 [4]), with multiple studies documenting elevated contamination from air dryers compared to paper towels (Best et al., 2014 [5]; Huesca-Espitia et al., 2018 [6]).

This methodological limitation raised an important question: were our original findings conservative estimates of true contamination levels? Our early attempts to address this through multi-agar testing were statistically significant, but the piecemeal approach left us unsatisfied. Further, the testing in Paper 1 began as a science experiment done out of curiosity that generated a shocking first result:

First Dryer Test Set



Subsequent testing began out of continued curiosity, and while consistently done with care, it was happening without a plan until we reached 30 tests and understood that a comprehensive test set was required. Improved sampling and incubating techniques were developed. In the intervening months, with further spot testing being done, continuing sampling and incubation refinements were made and pressure to do another comprehensive test set increased.

To address these questions, we designed a validation study using tryptic soy agar (TSA), a broad-spectrum nutrient medium that supports growth of a wider range of bacteria and fungi than selective media. TSA's non-selective formulation captures gram-positive organisms, environmental bacteria, and fungal species that LB agar may suppress or fail to detect. We created a two-stage incubation process along with meticulous sampling and transport protocols that had been less rigorous in prior tests. We extended the study beyond hand dryers to include paper towels in support of our work done in Paper 4, which documented complete distributional separation between white and brown paper towel contamination levels (n=29) using LB agar. Here we validate those findings with TSA detection and substantially expanded sample sizes (n=67 total paper towel tests).

Although the study employed a single-intervention design, field conditions occasionally presented restrooms equipped with both hand dryers and paper towel dispensers. These unexpected opportunities were recognized and captured, creating natural dual-intervention comparisons that eliminate environmental confounders entirely. When both drying methods are tested in the same restroom on the same day, any contamination differences must result from the drying method itself—not ventilation, traffic, or cleaning protocols.

2. Materials and Methods

2.1 Study Design

Field sampling was conducted at 97 unique restrooms across 78 randomly selected commercial establishments in September and October 2025. Locations included retail stores, restaurants, hotels, convenience stores, entertainment venues, and service centers across the Mid-Atlantic region. The sourcing criteria was, “drive to the next building on the street with a public restroom.” The study employed a single-intervention design, with each restroom visit focused on testing the available drying method. However, field conditions occasionally presented restrooms equipped with both hand dryers and paper towel dispensers; these unexpected opportunities were captured, creating natural dual-intervention comparisons.

Of 116 microbiological tests conducted, the final dataset comprised:

- Hand dryer tests: 49
- White paper towel tests: 41
- Brown paper towel tests: 26
- Total paper towel tests: 67
- Dual-intervention pairs: 8 (4 hand dryer vs. white paper towel; 4 hand dryer vs. brown paper towel)

2.2 Growth Medium Selection

Tryptic soy agar (TSA) was selected as the primary growth medium for this validation study. TSA is a general-purpose, non-selective medium that supports growth of both fastidious and non-fastidious microorganisms including gram-positive bacteria, gram-negative bacteria, and fungi. This contrasts with Luria-Bertani (LB) agar used in Paper 1, which is optimized for gram-negative organisms and may underdetect gram-positive species.

For HEPA-filtered dryer testing, TSA+ plates (TSA with enhanced nutrient supplementation) were used to maximize detection sensitivity in units marketed as producing filtered air output.

2.3 Sampling Protocol

Hand dryer testing followed the methodology established in Paper 1 but modified by the drying time testing detailed in papers 2 and 5 (Blouch, 2025 [10, 11]). Standard 100mm petri dishes containing TSA were exposed to dryer output for 90 seconds as if they were hands being dried. Paired ambient air samples were collected by exposing identical dishes to room air using a wave pattern for 90 seconds directly in front of the dryer before it had been used. Control dishes remained sealed throughout each testing session.

Paper towel testing followed the methodology established in Paper 4 [2]. A single paper towel was obtained from the dispenser using normal dispensing methods, with exposed towels discarded to ensure only protected samples were tested. The paper towel was immediately pressed onto a sterile TSA plate for 30 seconds, matching the time-to-dry data we accumulated in the residual water testing experiments. Paired ambient air samples taken directly in front of the dispenser for 30 seconds were collected simultaneously.

All samples were incubated at 32°C (97°F) for 3 days and then at 80°F for 3 days before being opened, videoed and photographed. Colony-forming units (CFU) were counted manually on prints of the dishes with photographic documentation for verification. Complete chain of custody material for every dish from sampling through final counting is available upon request.

2.4 Statistical Analysis

Non-parametric methods were employed throughout due to non-normal data distributions. The Wilcoxon signed-rank test was used for paired comparisons (intervention vs. ambient air). The Mann-Whitney U test was used for unpaired group comparisons (HEPA vs. non-HEPA dryers). Statistical significance was set at $\alpha=0.05$. All analyses were performed using standard statistical software.

Amplification factors were calculated as the ratio of intervention CFU to paired ambient CFU. For tests where ambient air yielded zero colonies ($n=11$), a value of 1 CFU was substituted prior to calculation. This adjustment reflects the assumption that no restroom environment contains zero airborne organisms; zero counts represent detection limits rather than true absence. This conservative approach ensures all 49 tests contribute to amplification statistics.

3. Results

3.1 Control Dish Validation

All 116 control dishes remained sterile (0 CFU), confirming absence of procedural contamination and validating the sampling methodology.

3.2 Hand Dryer Validation (Primary Findings)

Forty-nine hand dryer tests were conducted across commercial locations featuring Dyson, Excel (Xlerator), and World Dryer units. Results confirmed universal amplification with substantially higher detection than our original LB agar methodology.

Hand Dryer Output:

- Median: 200 CFU
- Mean: 372.9 CFU (SD: 765.3)
- Interquartile range: 131–380 CFU

- Range: 70–5,431 CFU
- Minimum observed: 70 CFU (no dryer tested below this threshold)

Paired Ambient Air:

- Median: 2 CFU
- Mean: 3.73 CFU
- Range: 0–34 CFU

Amplification Analysis:

- Tests showing amplification: 49/49 (100%)
- Median amplification factor: 110× (n=49, zeros→1)
- Mean amplification factor: 145×
- Tests with zero ambient (converted to 1): 11/49 (22.4%)

Table 3.2: Complete Amplification Factor Data (n=49 dryer tests)

** = zero ambient converted to 1 CFU per methodology*

Test	Location	Ambient	Dryer	AF
1	STARBUCKS	2	131	65.5×
2	STARBUCKS	1	380	380.0×
3	STARBUCKS	11	364	33.1×
4	STARBUCKS	8	456	57.0×
5	STARBUCKS	1	348	348.0×
6	STARBUCKS	2	221	110.5×
7	Dunkin Donuts	1*	99	99.0×
8	Fredericksen Library	2	200	100.0×
9	Seven Eleven	1	194	194.0×
10	Raymore and Flanigan	1*	407	407.0×
11	Aroogas	1*	143	143.0×
12	Aroogas	6	70	11.7×
13	Chocolate World	7	157	22.4×
14	Chocolate World	5	153	30.6×
15	Dunkin Donuts	1*	114	114.0×
16	Tanger Outlets	3	235	78.3×
17	Iron Hill Brewery	3	272	90.7×
18	Primanti Brothers	1*	122	122.0×
19	Hershey Story	1*	73	73.0×
20	Houlihans	1*	145	145.0×
21	Starbucks	2	317	158.5×
22	Starbucks	1*	188	188.0×
23	Walmart	1*	111	111.0×
24	Giant	5	122	24.4×
25	Speedway	1	98	98.0×
26	Johnny Joe's	3	71	23.7×

27	Tractor Supply	2	538	269.0×
28	Walmart	1*	144	144.0×
29	Walmart	7	413	59.0×
30	Firehouse Subs	2	172	86.0×
31	Old Navy	1	334	334.0×
32	Old Navy	4	430	107.5×
33	Moe's Southwest	34	149	4.4×
34	Giant	2	482	241.0×
35	Giant	2	222	111.0×
36	Dunkin Donuts	4	119	29.8×
37	Grocery Outlet	4	442	110.5×
38	Grocery Outlet	1	521	521.0×
39	Turkey Hill	4	95	23.8×
40	Giant	4	215	53.8×
41	Arby's	2	666	333.0×
42	Arby's	11	1209	109.9×
43	Chipotle	2	238	119.0×
44	Boscovs	3	192	64.0×
45	Ashley Furniture	1	260	260.0×
46	Home Depot	1*	577	577.0×
47	Marshall's	6	89	14.8×
48	Burlington	4	144	36.0×
49	Asoul Ramen	20	5431	271.6×
SUM		194	18273	7108.3
			Median AF:	109.9×
			Mean AF:	145.1×

Comparison to Paper 1 (LB Agar):

Metric	Paper 1 (LB)	Paper 9 (TSA)
Sample size	n=87	n=49
Median dryer CFU	67	200
Mean dryer CFU	88	373
Minimum dryer CFU	9	70
Median amplification	49.6×	110×
Amplification rate	100%	100%

TSA detected 3.0× more organisms than LB agar at the median (200 vs. 67 CFU) and 4.2× more at the mean (373 vs. 88 CFU). The amplification factor more than doubled from 49.6× to 110×, confirming that Paper 1 findings were methodologically conservative.

3.3 HEPA-Filtered Dryer Analysis

Eleven tests were conducted on Dyson Airblade models equipped with HEPA filtration, marketed as removing 99.97% of particles from the airstream. HEPA-filtered dryers showed no significant contamination advantage:

HEPA Dryer Output (TSA+):

- Median: 372 CFU
- Mean: 432 CFU
- Range: 95–1,449 CFU

Non-HEPA Dryer Output (TSA):

- Median: 190 CFU (n=38)

Mann-Whitney U test comparing HEPA to non-HEPA dryers: $p=0.180$ (not significant). HEPA-equipped dryers produced contamination levels statistically indistinguishable from—and numerically higher than—non-HEPA units.

3.4 Paper Towel Validation

3.4.1 White Paper Towels (n=41)

White paper towel testing validated the findings from Paper 4 with a 2.3× larger sample size and a more sensitive dish agar:

- Median: 1 CFU
- Mean: 3.0 CFU
- Interquartile range: 0–3 CFU
- Range: 0–26 CFU
- Sterile (0 CFU): 12/41 (29.3%)
- ≤ 2 CFU: 28/41 (68.3%)

Paired ambient air: Median 1 CFU, Mean 1.68 CFU

Wilcoxon signed-rank test vs. ambient: $W=176$, $p=0.245$ (not significant). White paper towels are statistically equivalent to ambient room air.

3.4.2 Brown Paper Towels (n=26)

Brown paper towel testing validated Paper 4 findings with a 2.4× larger sample:

- Median: 46 CFU
- Mean: 54.7 CFU
- Interquartile range: 22–68 CFU
- Range: 7–186 CFU
- Sterile (0 CFU): 0/26 (0%)

Paired ambient air: Median 2 CFU, Mean 3.36 CFU

Wilcoxon signed-rank test vs. ambient: $W=1$, $p<0.001$ (highly significant). Brown paper towels significantly amplify contamination above ambient levels, with a median amplification factor of 17× where ambient > 0.

3.5 Opportunistic Dual-Intervention Comparisons

Field conditions occasionally presented restrooms equipped with both hand dryers and paper towel dispensers. Eight such restrooms were identified and tested with both interventions on the same day, creating natural comparisons that eliminate environmental confounders and provide direct causal evidence of contamination differences.

Hand Dryer vs. White Paper Towel (4 pairs):

Location	Ambient Room Air	Dryer CFU	White PT CFU	Ratio Dryer to Towels
Raymore and Flanigan	0	407	1	407×
Houlihans	0	145	1	145×
Hershey Story	0	73	0 (*1)	73×
Walmart	7	413	3	138×

Mean ratio (excluding infinite): 230×. Range: 138×–407×.

Hand Dryer vs. Brown Paper Towel (4 pairs):

Location	Ambient Room Air	Dryer CFU	Brown PT CFU	Ratio Dryer to Towels
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Primanti Brothers	0	122	21	5.8×
Iron Hill Brewery	3	272	42	6.5×
Ashley Furniture	1	260	68	3.8×
Home Depot	0	577	68	8.5×

Mean ratio: 6.1×. Range: 3.8×–8.5×.

Even brown paper towels—the most contaminated paper option—delivered 4–9× less microbial exposure than hand dryers in the same restroom under identical environmental conditions.

3.6 Contamination Hierarchy

The complete contamination hierarchy was preserved and validated:

Rank	Intervention	Median CFU	vs. Ambient
1	Hand Dryers	200	110× amplification
2	Brown Paper Towels	46	23× amplification
3	Ambient Air	2	(baseline)
4	White Paper Towels	1	equivalent (p=0.24)

Table: Hierarchy: Hand Dryers >> Brown Paper Towels >> Ambient Air ≈ White Paper Towels

3.7 Ambient Air Contamination by Intervention Type

Cross-comparison of ambient air measurements revealed an unexpected finding: restrooms tested with hand dryers showed significantly higher ambient contamination than restrooms tested with white paper towel dispensers.

Restroom Type	n	Median CFU	Mean CFU
Hand dryer	49	2	3.73
White paper towel	41	1	1.68

Restroom Type	n	Median CFU	Mean CFU
Brown paper towel	25	2	3.36

Table: Mann-Whitney U test comparing dryer restrooms to white paper towel restrooms: $p=0.018$. The 95% confidence interval for the difference in means [0.32, 3.79 CFU] does not include zero. Cohen's $d = 0.46$ (medium effect size).

Dryer restrooms showed 2.2× higher ambient air contamination than white paper towel restrooms.

4. Discussion

4.1 TSA Reveals Conservative Nature of Original Findings

The most significant finding of this validation study is confirmation that our original Paper 1 methodology systematically underestimated true contamination levels. TSA detected 3.0× more organisms than LB agar at the median, with amplification factors more than doubling from 49.6× to 110×. This finding has important implications: hand dryers amplify microbial contamination by approximately 110× above ambient air—more than double the already-dramatic 50× estimate we originally reported.

In a perfect world we would draw all the air out of the restroom and count all the bacteria, fungus, and viruses it contains and then run a hand dryer for its full time-to-dry cycle of 90 seconds and capture all the air, including turbulent air bouncing off walls and the dryer itself, and count all the bacteria, fungus, and viruses it contains. We use petri dishes as a proxy for hands, a reasonable measure given the similar size, and the power lies in the comparison between the dryer air and room air using the same medium. It is reasonable to assume that the difference in organism counts on the petri dishes would correlate precisely with our hypothetical test in which we capture everything.

The consistency of the 100% amplification rate across both studies (87/87 in Paper 1; 49/49 here) provides robust confirmation that microbial amplification is a universal characteristic of commercial hand dryers, not an artifact of specific locations, brands, or environmental conditions. The finding that no dryer in 49 tests produced contamination below 70 CFU—compared to ambient air medians of 2 CFU—demonstrates that even the cleanest-performing hand dryer delivers contamination levels approximately 35× above baseline room air.

Notably, the detection differential between TSA and LB was greater for hand dryer output than for ambient air. Ambient air showed a mean of 3.73 CFU with TSA compared to 1.78 CFU with LB in Paper 1—a 2.1× detection ratio. Hand dryer output showed a 3.0× detection ratio at the median and 4.2× at the mean. This asymmetric detection enhancement suggests that dryer contamination is qualitatively different from ambient air—not simply a concentration of the same organisms. Something in the complete, full dryer system including room and user interactions in a functioning restroom appears to cultivate a higher proportion of gram-positive bacteria, environmental organisms, and fungi that LB agar systematically underdetects. Hand dryers are not merely amplifying ambient contamination; they are generating distinct microbial communities within their full ecosystem. A reasonable hypothesis was proposed by Huesca-Espitia et al. (2018) [6], who documented bacterial spore deposition from hand dryers and proposed internal contamination as the mechanism.

4.2 HEPA Filtration Does Not Address the Contamination Source

The failure of HEPA filtration to reduce contamination levels ($p=0.18$) has important mechanistic implications. HEPA filters remove 99.97% of airborne particles from intake air, yet HEPA-equipped dryers produced contamination levels statistically indistinguishable from—and numerically higher than—non-HEPA units. This finding strongly supports the hypothesis that contamination originates downstream of any filtration. We make no claims regarding source as we did not test for it. We state as fact that the output airstream outputs high levels of bacteria and fungus not found in the room air around the devices.

Marketing claims emphasizing filtered intake air are therefore irrelevant to the contamination users actually encounter.

4.3 Paper Towel Hierarchy Confirmed

The paper towel findings validate our Paper 4 conclusions with substantially larger sample sizes. White paper towels remain statistically equivalent to ambient room air ($p=0.245$), with 29.3% of samples completely sterile and 68.3% at ≤ 2 CFU. This confirms that white paper towels represent the lowest-contamination hand drying option available—matching or exceeding the hygiene level of simply not drying hands at all.

Brown paper towels, while significantly contaminated ($p<0.001$), still delivered 4–9× less microbial exposure than hand dryers in same-restroom comparisons. The complete distributional separation between paper towel types documented in Paper 4 was preserved: no overlap exists between white paper towel contamination ranges and brown paper towel ranges.

4.4 Opportunistic Dual-Intervention Comparisons Establish Causation

Although this study employed a single-intervention design, field conditions occasionally presented restrooms equipped with both hand dryers and paper towel dispensers. These unexpected opportunities addressed a limitation of our original research: the possibility that contamination differences between drying methods could result from environmental variation rather than the drying method itself. By capturing both interventions in the same restroom on the same day, we eliminate environmental confounders entirely.

The results are unambiguous: in the same restroom, under identical environmental conditions, hand dryers produce 138–407× more contamination than white paper towels and 4–9× more than brown paper towels. These differences cannot be attributed to ventilation, traffic patterns, cleaning protocols, or any other environmental factor—they result directly and causally from the drying method choice.

4.5 Dryer-Associated Ambient Air Contamination

The significantly elevated ambient air contamination in dryer restrooms ($p=0.018$) was an unexpected finding with important implications. This result suggests that hand dryers may contaminate not only users but the restroom environment itself. Combined with the visible wall contamination documented in Paper 10 [7], we now have two independent lines of evidence—microbiological and visual—pointing to the same mechanism: dryers disperse contaminated aerosols into the surrounding space. This environmental contamination finding is consistent with Best et al. (2014) [5], who documented contamination of the environment, user, and bystanders from jet air dryers, and Suen et al. (2022) [8], who identified drug-resistant bacteria spread via hand-drying facilities. An independent 2025 study from Latvia similarly found microbial contamination in all 10 restrooms tested, with particle counts increasing 49% during dryer operation (Vincevica et al., 2025 [9]).

This finding has implications beyond individual user exposure. Subsequent restroom visitors may encounter elevated ambient contamination regardless of their drying method choice. The cumulative effect of repeated dryer use throughout the day could progressively elevate room contamination levels.

The 58% statistical power achieved at this sample size suggests the true effect may be larger than measured. Studies that achieve significance while underpowered typically underestimate effect sizes.

4.6 Limitations

This study has several limitations. Sample sizes, while adequate for statistical significance, are smaller than our original Paper 1 study (49 vs. 87 hand dryer tests). Geographic sampling was limited to the Mid-Atlantic region. Colony counts were

performed without species identification, limiting conclusions about specific pathogen risks. The opportunistic dual-intervention comparisons, while powerful for establishing causation, were limited to 8 paired comparisons.

Despite these limitations, the consistency between this validation study and our original findings—across different time periods, different sampling seasons, and different growth media—provides strong evidence that the observed effects are robust and generalizable.

5. Conclusion

This validation study confirms and extends the findings of our original research program. Using broad-spectrum TSA growth medium and opportunistic dual-intervention comparisons, we demonstrate that:

1. Hand dryer contamination levels are approximately 3× higher than LB agar estimates, with true amplification factors of 110× above ambient air.
2. The 100% amplification rate is confirmed: every hand dryer tested (49/49) produced contamination exceeding ambient air levels.
3. HEPA filtration provides no contamination protection, confirming that the contamination source is downstream of any intake filtration.
4. White paper towels remain statistically equivalent to ambient air, representing the lowest-contamination drying option.
5. Even brown paper towels deliver 4–9× less contamination than hand dryers under identical conditions.
6. Opportunistic dual-intervention comparisons establish that these differences are causal, not environmental.
7. Ambient air in dryer restrooms showed significantly higher contamination than paper towel restrooms ($p=0.018$), providing microbiological evidence consistent with the visible plume contamination documented in Paper 10. Dryers appear to contaminate the room environment, not just individual users.

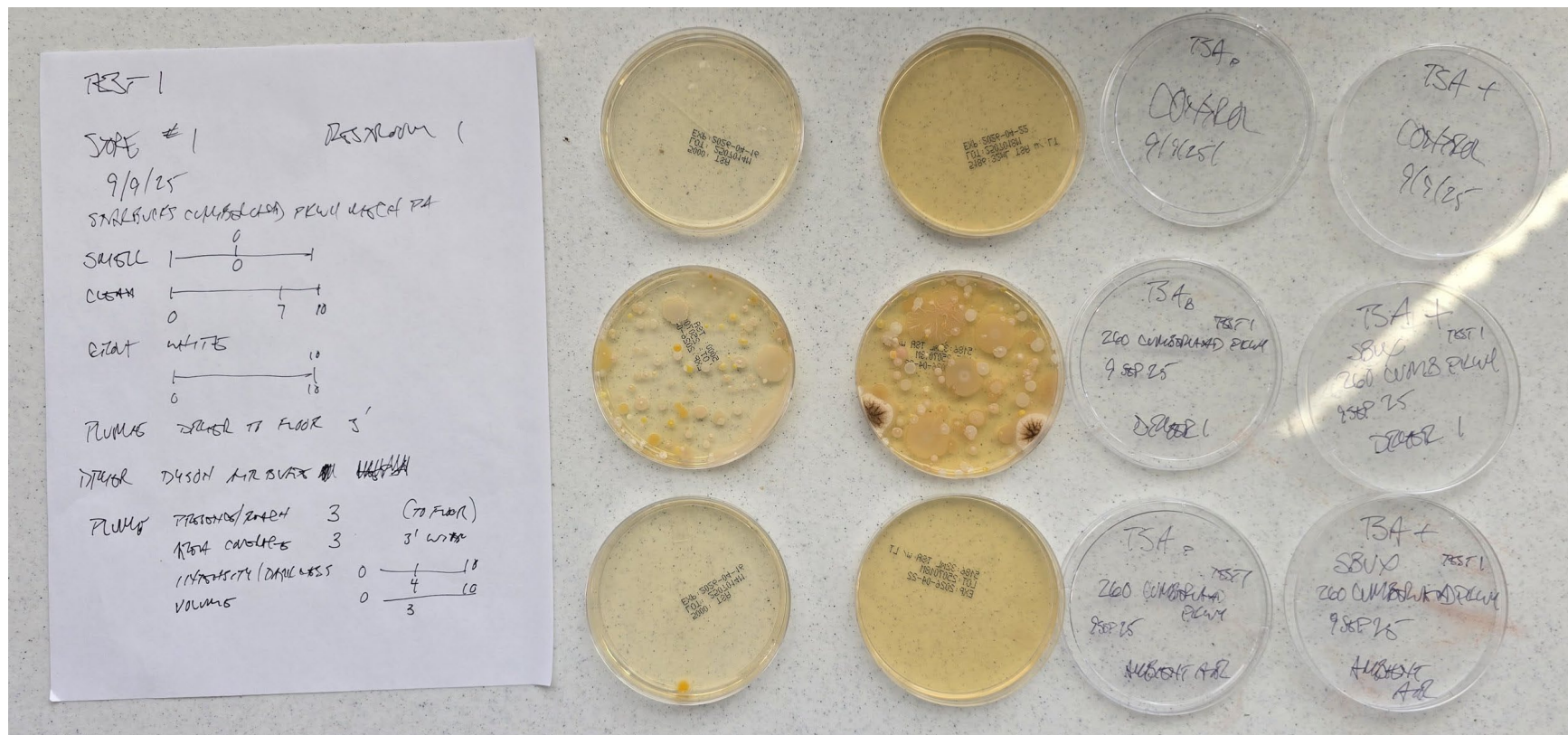
Our original research program was methodologically conservative. The true scope of hand dryer contamination is substantially larger than our initial LB agar estimates suggested. These findings have significant implications for public health policy, particularly in healthcare settings, food service operations, and facilities serving vulnerable populations.

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- [9] Vincevica, A. A., Krishnan, G. R. D., & Martinsone, Ž. (2025). The effect of hand dryers on restroom indoor air quality. *Proceedings of the 16th International Scientific and Practical Conference, Volume I*, 595-600. doi:10.17770/etr2025vol1.8678
- [10] Testing the Validity of Hand Dryer Drying Time Specifications: A Quantitative Study of Residual Water on Dyson and Xlerator Dryers in Retail Store Environments; Blouch, R. A. Jr. (2025) [Preprint] Retrieved from www.handdryerstudy.com/. DOI: 10.5281/zenodo.15503698 PAPER [2]

[11] Systematic Performance Failure in Commercial Hand Dryers: A Large-Scale Quantitative Analysis of Time-To-Dry on Hands in Dyson and Xlerator Hand Dryers in Public Restrooms; Blouch, R.A Jr. (2025) [Preprint] Retrieved from www.handdryerstudy.com/. DOI: 10.5281/zenodo.17858443 PAPER [5]

APPENDIX A: Complete Dish Set Images



TEST 2

STOPS #1

EXPERIMENT 2

9/9/25

SBUX 260 CUMULATIVE PLUM

SCALE 0 — 10

COUNT 0 — 10

PLANT WHITE

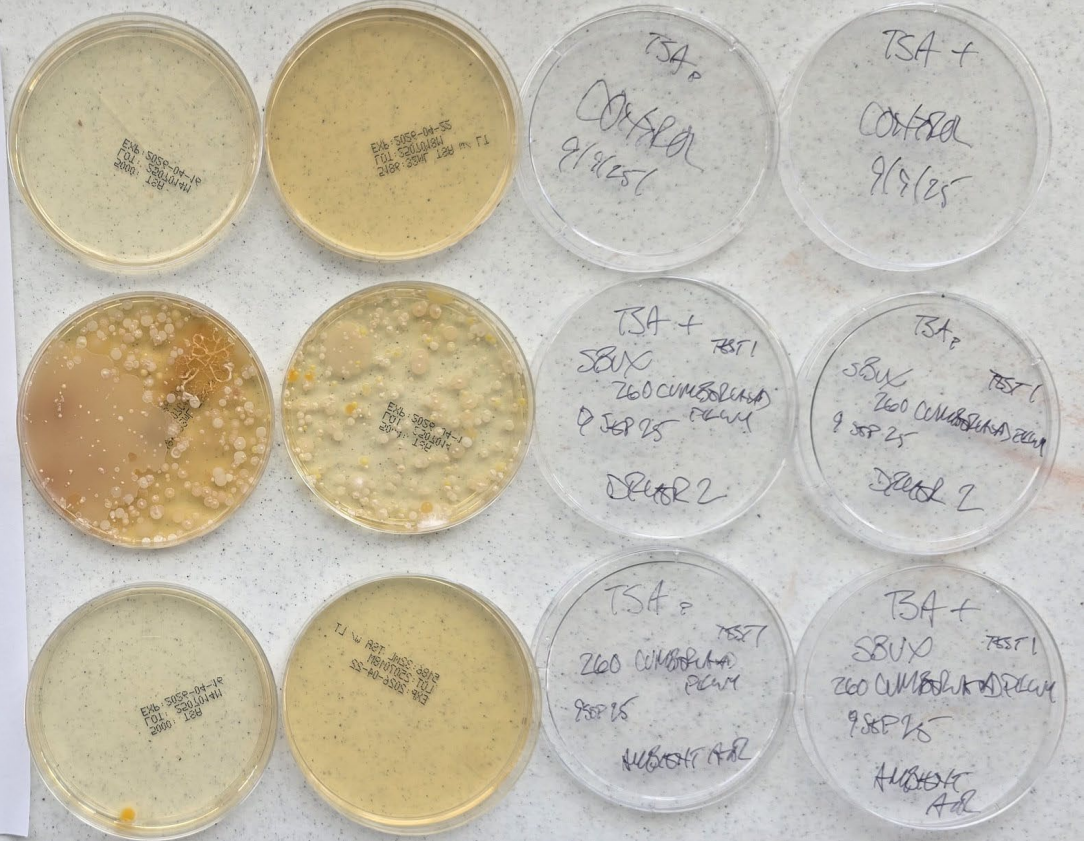
STOPS: DYSOL AIRBLADE - STOPS

PLUMS 2' ABOVE STOPS
4' ABOVE

HEIGHT / COUNTS 0-3 (3)

INTENSITY (PLUMS) 0 — 10

VOLUME 0 — 10



TEST 3

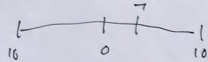
SDR #2

Room #1

9/9/25

SBUX - 3200 E. FRANKLIN RD CAT

SBUX



CLOTH



DEAT MAT

DYSON: DYSON HEPA FILTER

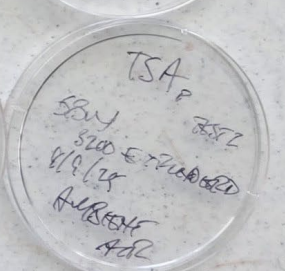
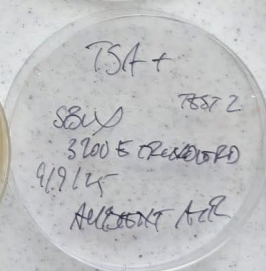
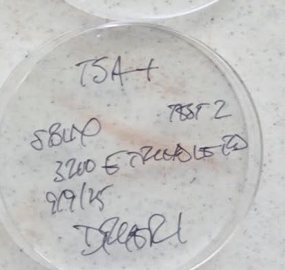
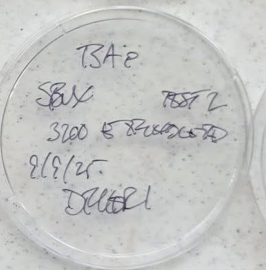
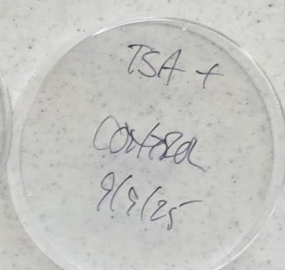
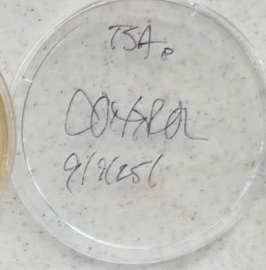
PLUME: DILUTED TO FLOOR 3' u p i u

PROTONOS 3

ATA 2

INSTRUMENT 0 10

VOLUME 0 20



TEST 4
STOPS 2
9/9/25

ROOM 2

SBUX - 3200 TRANSDUCER CH

SKILL 10 0 10

CONTROL 0 0 10

GREAT WHITE

DRINK: DYSAN AIRWAYS H&PA

DRINK SAMPLE TIME: 9058C

AIRBATH AIR SAMPLE TIME: 9056

PLUMB:

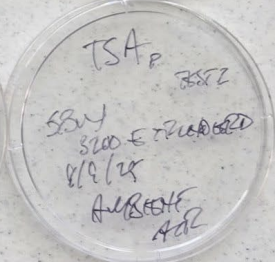
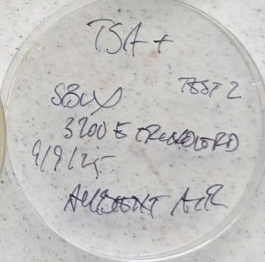
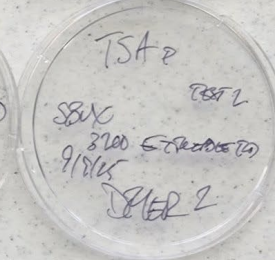
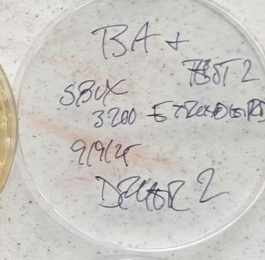
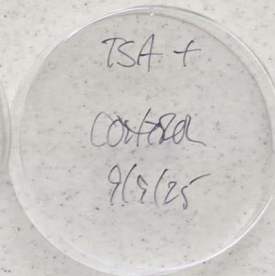
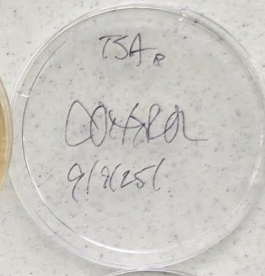
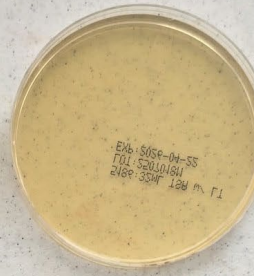
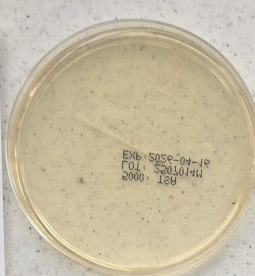
PROBES 3 - SPARK TO FLOW

WIDTH 2'

AIR 1

INSTRUMENT 0 1 10

VOLUME 0 3 10



TEST 5

STAGE 3

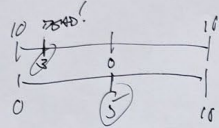
9/9/25

SBUX

BRIDGE TO HSG

SMALL

CROWN



STAY STAY

DRILL: PUSHER STANDARD

SPRINTING: —

WHITE TOWER: —

DISH SHAPER TIME: 60

MURPHY AIR SHAPER TIME: 60

PLUMB OF FILT

TESTING 2

WIDTH TOP 1

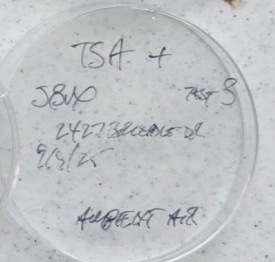
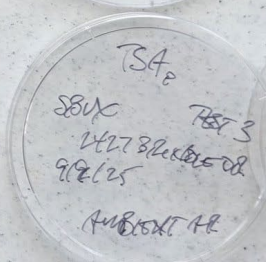
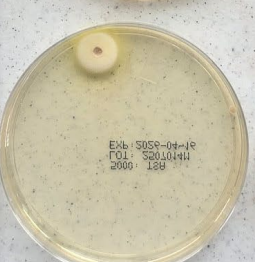
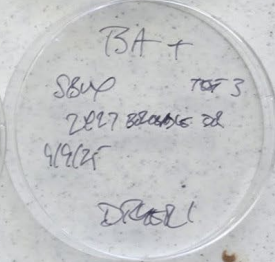
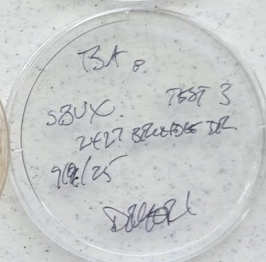
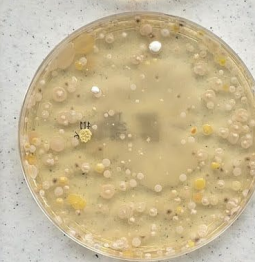
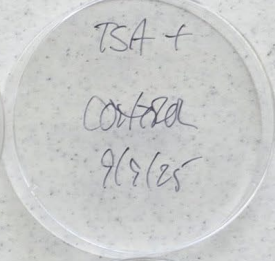
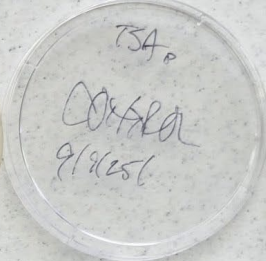
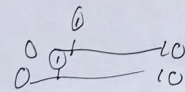
WIDTH MIDDLE 6

WIDTH 1

WIDTH 0

WIDTH 10

WIDTH 10



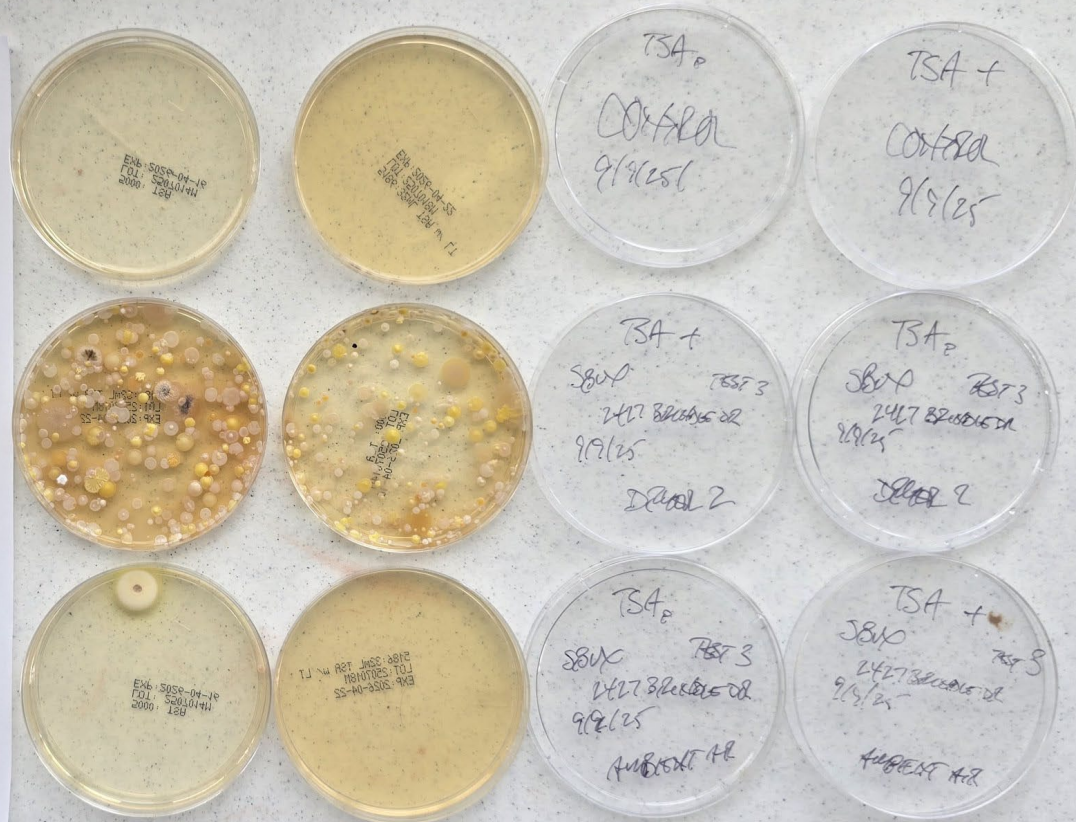
TEST 6
 STAGE 3
 9/9/25

SYSTEM 2

SBUX BRUNDS RD HSB
 SURVEIL 10 0 10
 CUMUL 0 10

DIRT: KILNOR STAINED
 BROWN/WAL: —
 WHITE TUB: —
 DIRT SAMPLE TAG: 60
 AMBIENT AIR SAMPLE TAG: 60
 PLUMB OF FILTH

STAIN 1
 WIDTH TP 1'
 WIDTH VIL 4'
 HSB 0 10
 INTRUSY 0 10
 VOLUME 0 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: DUNKIN DONUTS

Date: 22 SEP 25

Time: 11:38 AM

Address: 771 N. Main St
Lowell, MA 01850

TEST# 7

STORE# 4

RESTROOM# 1

PETRI DISH #S: 23-26

CONTROL DISH #S: 21-22

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (1) ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 3 ----- 5
1 = Spotless | 2 = Clean | 3 = Used | 4 = Dirty | 5 = Filthy

Dirt Type, whole room Dirt = 1 ----- (3) ----- Microbes = 5
1 = Dirt | 2 = Dirt/some mold | 3 = equal dirt and mold | 4 = mostly mold | 5 = Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser:

White Paper Dispenser:

Hand Dryer Brand: EXCEL THERM AIR

PLUME OF FILTH

Dirt: ☒ Yes ☐ No
Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (1) ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'

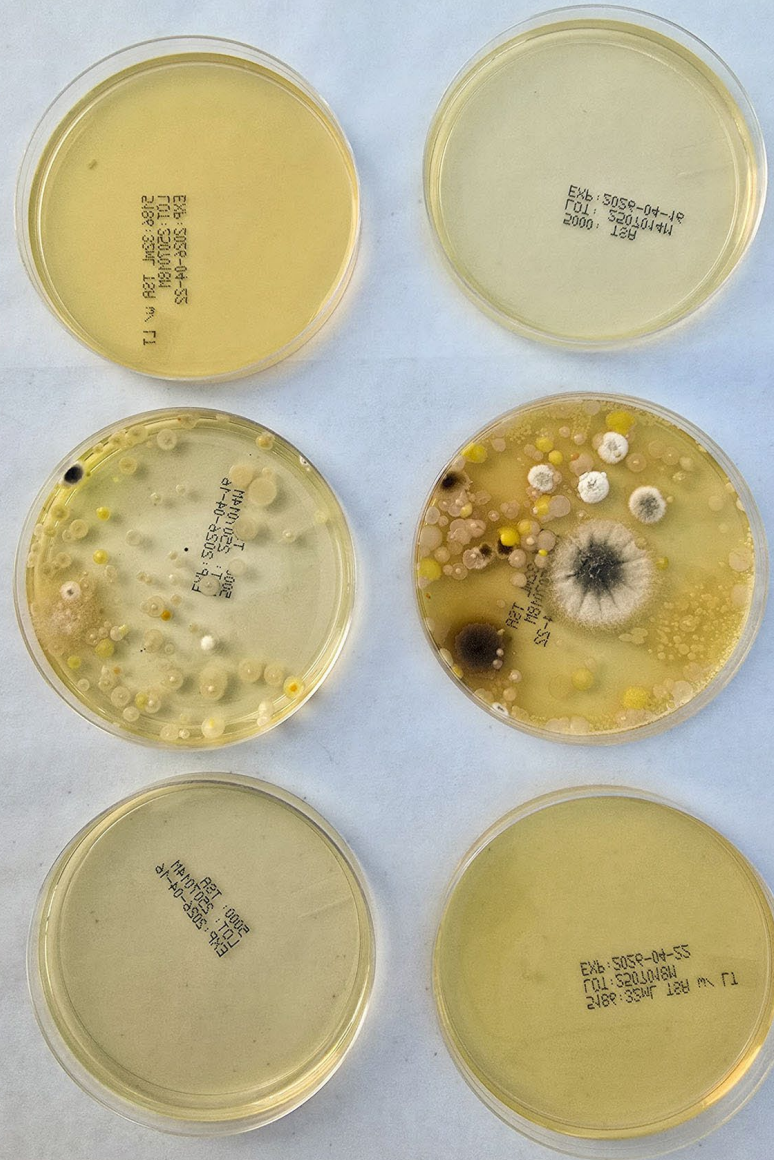
Width Bottom (ft): 3'

Height: from dryer/dispenser 0 ----- (2) ----- to floor 10

Area Coverage (0-10) 0 ----- (3) ----- 10

Darkness (0-10): 0 ----- (6) ----- 10

Volume (0-10): 0 ----- (6) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: EL PASO TEST# 8
 Date: 22 SEP 25 STORE # 5
 Time: 1:41 RESTROOM #: 1
 Address: 921 WALKER PETRI DISH #S: 22-30
COMBOS CONTROL DISH #S: 21-22

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 - 1 0 +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best
 Visual First Impression 1 - 2 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy
 Dirt Type, whole room Dirt = 1 Microbes = 5
 1=Dirty | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser:
 White Paper Dispenser: TORKLINE
 Hand Dryer Brand:

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 - 0 3
 0 = None | 1 = Small (<6.5x1") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

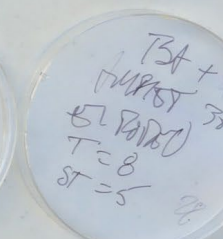
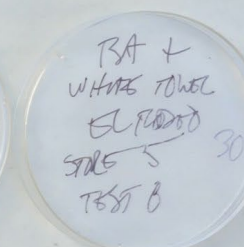
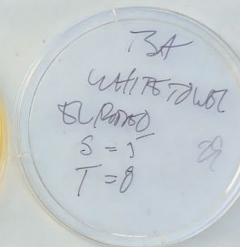
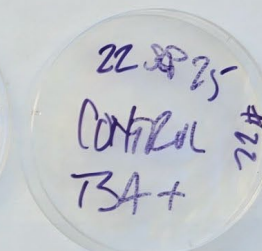
Visual Dirt Assessment (NIOSH 0-3 Scale) 0 - 0 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'
 Width Bottom(ft): 2'
 Height: from dryer/dispenser 0 - 5 to floor 10

Area Coverage (0-10): 0 - 0 10

Darkness (0-10): 0 - 0 10

Volume (0-10): 0 - 0 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Good House TEST# 9
 Date: 22 Sep 22 STORE# 6
 Time: 1:41pm RESTROOM# 1
 Address: 905 West 4th St PETRI DISH #S: 34, 35
 CONTROL DISH #S: 21, 22

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best
 -10 _____ 0 _____ +10

Visual First Impression 1 _____ 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 _____ Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: not visible
 White Paper Dispenser: —
 Hand Dryer Brand: —

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 _____ 3
 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

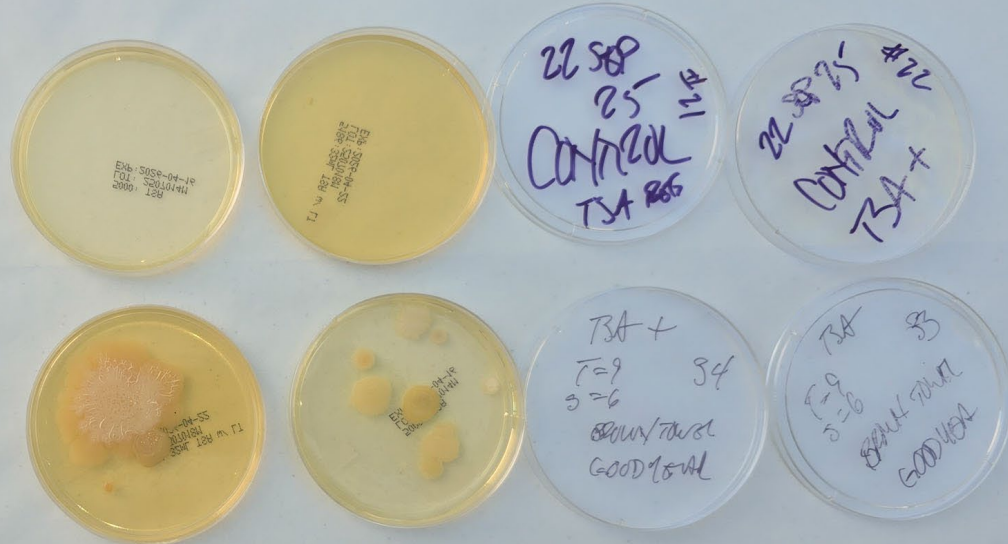
Visual Dirt Assessment (NIOSH 0-3 Scale) 0 _____ 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): —
 Width Bottom(ft): —
 Height: from dryer/dispenser 0 _____ to floor 10

Area Coverage (0-10) 0 _____ 10

Darkness (0-10): 0 _____ 10

Volume (0-10): 0 _____ 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Autozone TEST# 60
 Date: 22 SEP 25 STORE# 7
 Time: 2:25 RESTROOM #: 37-40
 Address: 1041 WALLING ST PETRI DISH #S: 37-40
SEATTLE WA 98103 CONTROL DISH #S: 35-36

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 3 ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓
 White Paper Dispenser: Roll Paper towel WHITE
 Hand Dryer Brand: WATERSON

PLUME OF FILTH

Dirt: ☒ Yes ☐ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

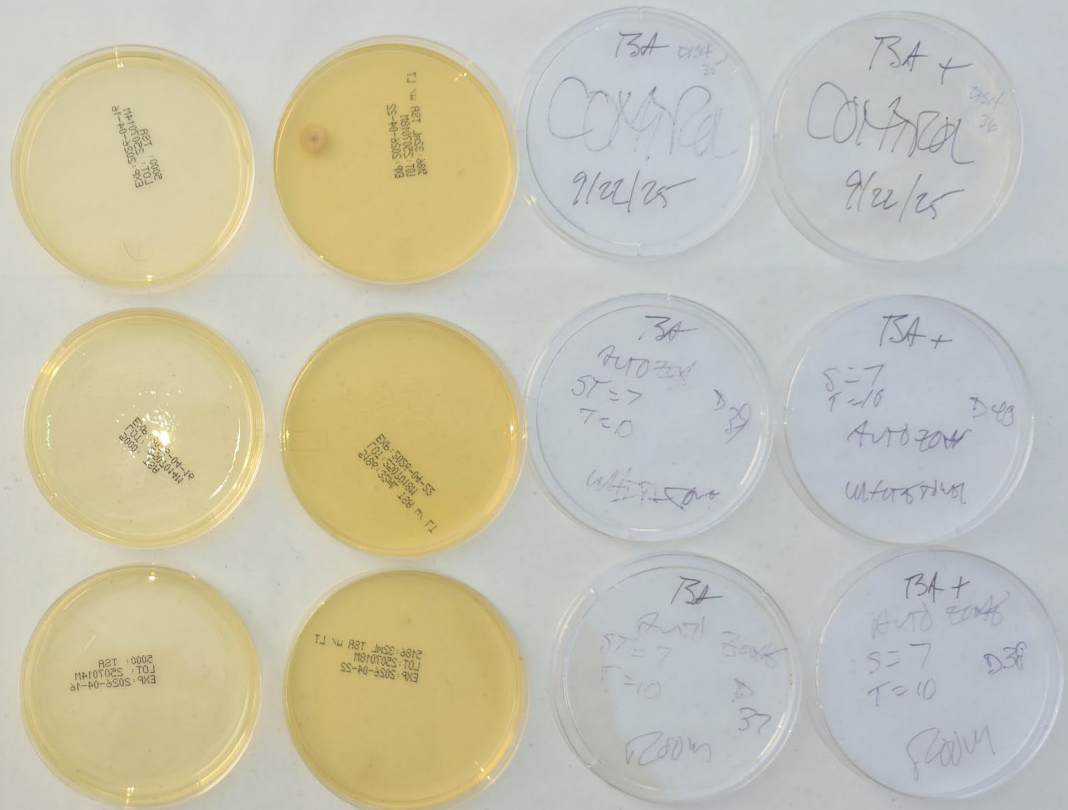
Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 10.4
 Width Bottom (ft): 18
 Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: FRIDMANSON LIBRARY

Date: 9/22/25

Time: 3:00

Address: 100 N 1st St
Omaha NE

TEST # 11

STORE # 8

RESTROOM # 1

PETRI DISH #S: 41-44

CONTROL DISH #S: 35-36

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 7 +10

-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 5 5

1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 6 Microbes=5

1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: ☒

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 2 3

0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 3 3

0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'

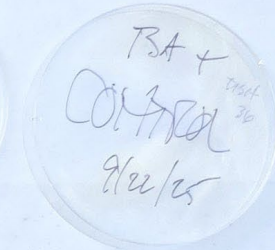
Width Bottom (ft): 4'

Height: from dryer/dispenser 0 to floor 10 10

Area Coverage (0-10) 0 7 10

Darkness (0-10): 0 9 10

Volume (0-10): 0 8 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: ROBERTOS

Date: 9/22/25

Time: 3:22

Address: 2006 WILKES ST
EMERYVILLE, OH

TEST# 12

STORE # 9

RESTROOM #: 1

PETRI DISH #S: 45-48

CONTROL DISH #S: 35-36

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 2 ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 4 ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room (Dirt=) ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: IMPRESS

White Paper Dispenser: —

Hand Dryer Brand: —

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 2 ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

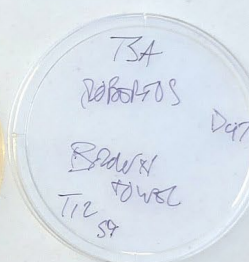
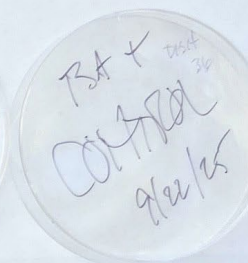
Width Bottom (ft): 2.1

Height: from dryer/dispenser 4 ----- to floor 10

Area Coverage (0-10) 2 ----- 10

Darkness (0-10): 2 ----- 10

Volume (0-10): 3 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: 7-11 TEST# 13
 Date: 9/22/25 STORE # 10
 Time: 3:45 RESTROOM #: 1
 Address: 5800 WILSON ST PETRI DISH #S: 49-52
CHICAGO IL 60611 CONTROL DISH #S: 51-55

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 0 +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒
 White Paper Dispenser: ☒
 Hand Dryer Brand: XCELSTAR SMARTDRO

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1
 Width Bottom (ft): 3
 Height: from dryer/dispenser 0 to floor 10

Area Coverage (0-10) 0 3 10
 Darkness (0-10): 0 6 10
 Volume (0-10): 0 6 10

WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: VERBODEN DOOR
 Date: 9/22/25
 Time: 4:10
 Address: 3290 NUBBS ST CAMPDEN

TEST# 14
 STORE # 11
 RESTROOM #: 1
 PETRI DISH #S: 53-56
 CONTROL DISH #S: 35-36

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best
 Visual First Impression 1 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy
 Dirt Type, whole room Dirt=NA Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser:
 White Paper Dispenser: SANTA MONICA KIMBLE
 Hand Dryer Brand:

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 0

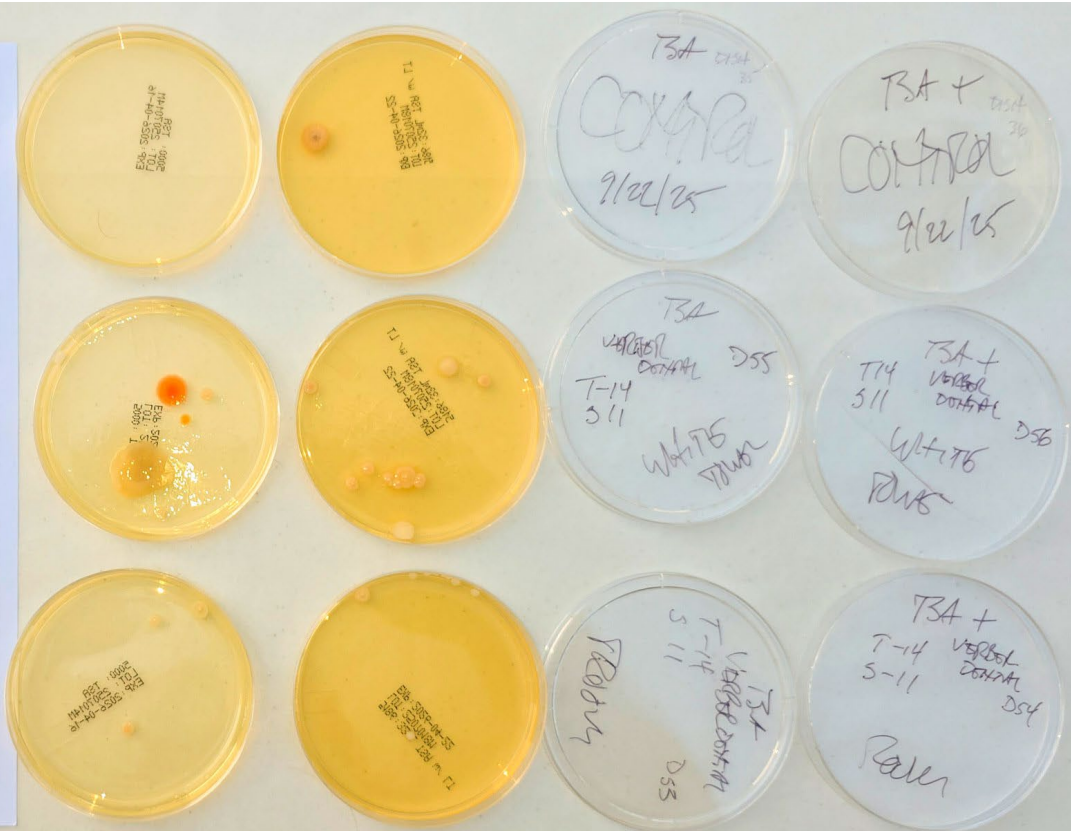
Width Bottom (ft): 0

Height: from dryer/dispenser 0 to floor 10

Area Coverage (0-10): 0 10

Darkness (0-10): 0 10

Volume (0-10): 0 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: UPMC FAMILY HANDICAP

Date: 9/22/25

Time: 4:20

Address: 400 CADWISSE PIKE
CHICAGO, IL 60611

TEST # 15

STORE # 12

RESTROOM #: 1

PETRI DISH #S: 57-68

CONTROL DISH #S: 35-36

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 5
1 = Spotless | 2 = Clean | 3 = Used | 4 = Dirty | 5 = Filthy

Dirt Type, whole room Dirt = 1 Microbes = 5
1 = Dirt | 2 = Dirt/some mold | 3 = equal dirt and mold | 4 = mostly mold | 5 = Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒ Yes
White Paper Dispenser: Common
Hand Dryer Brand: None

PLUME OF FILTH

Dirt: ☒ Yes ☐ No
Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

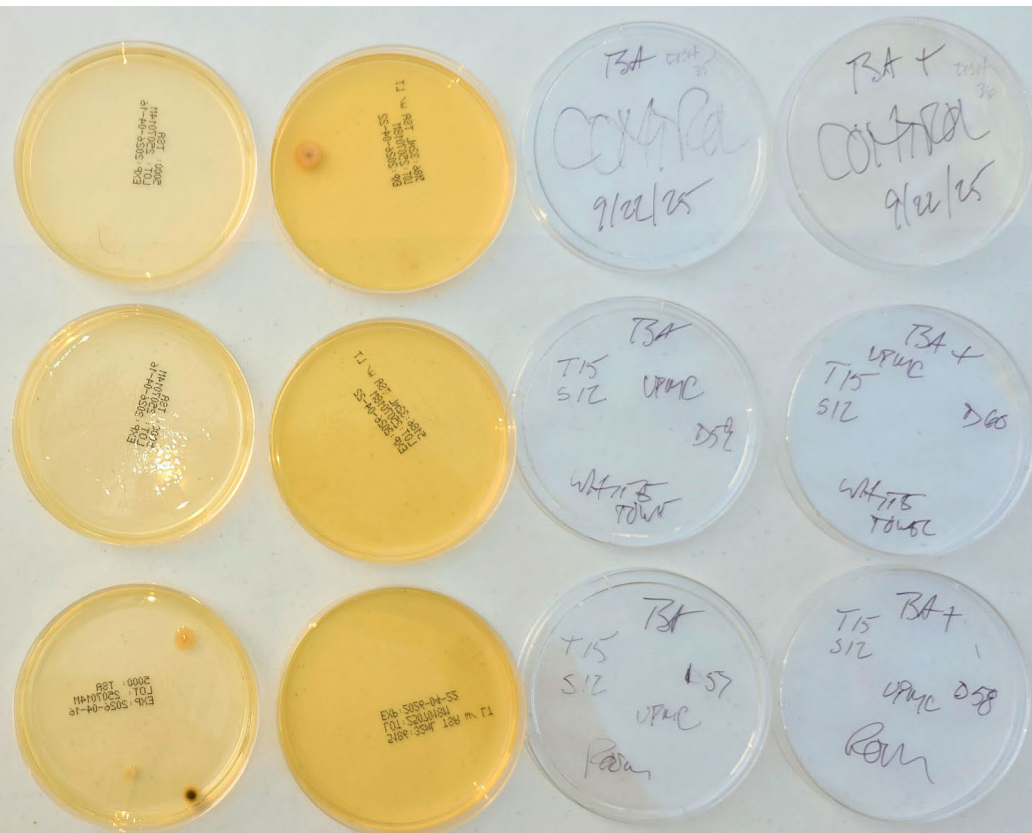
Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):
Width Bottom (ft):
Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 4 ----- 10

Darkness (0-10): 0 ----- 5 ----- 10

Volume (0-10): 0 ----- 3 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: EVERETT
 Date: 9/22/25
 Time: 4:39
 Address: 4444 CALVERT PKWY
OTUM FALL 67011

TEST# 16
 STORE# 12
 RESTROOM# 1
 PETRI DISH #S: 51, 52
 CONTROL DISH #S: 35, 36

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (3) ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (2) ----- 5
 1 = Spottless | 2 = Clean | 3 = Used | 4 = Dirty | 5 = Filthy

Dirt Type, whole room (Dirt=1) ----- Microbes=5
 1 = Dirt | 2 = Dirt/some mold | 3 = equal dirt and mold | 4 = mostly mold | 5 = Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: TRUCK WASH
 White Paper Dispenser: WASH
 Hand Dryer Brand: WASH

PLUME OF FILTH

Dirt: ☒ Yes ☐ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) (0) ----- 3
 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) (0) ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'

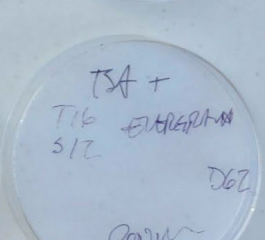
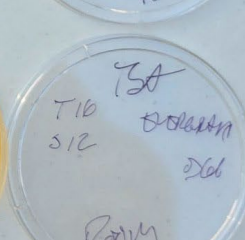
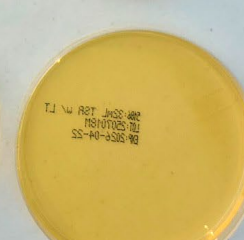
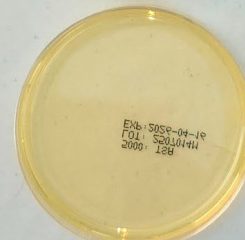
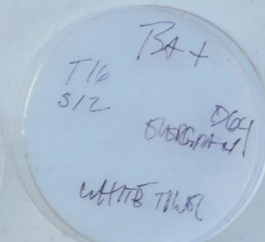
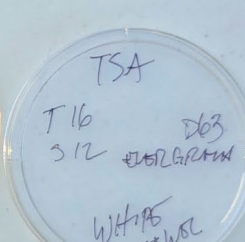
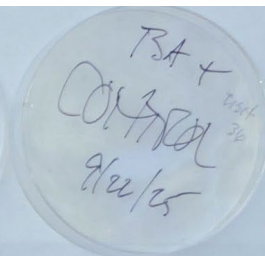
Width Bottom (ft): 1'

Height: from dryer/dispenser 0 ----- 2 ----- to floor 10

Area Coverage (0-10) 0 ----- 2 ----- 10

Darkness (0-10): 0 ----- 1 ----- 10

Volume (0-10): 0 ----- 1 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: RAMARCO MALL FARMER TEST# 17
 Date: 9/22/25 STORE # 13
 Time: 6:17 PM RESTROOM #: 1
 Address: 475 CHURCH PK PETRI DISH #S: 55, 60
MCH 17050 CONTROL DISH #S: 35, 36

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 0 +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best (2)

Visual First Impression 1 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy (2)

Dirt Type, whole room (Dirt=1) Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: XXXXXX
 White Paper Dispenser: XXXXXX
 Hand Dryer Brand: XEROX

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) (0) 3
 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) (0) 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): ✓
 Width Bottom (ft): ✓
 Height: from dryer/dispenser 0 to floor 10

Area Coverage (0-10) 0 10

Darkness (0-10): 0 10

Volume (0-10): 0 10

WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: 7th and 1st FASHION
 Date: 9/22/25
 Time: 6:30am
 Address: 4705 CHURCH ST
MOET 1708

TEST # 18
 STORE # 13
 RESTROOM #: 1
 PETRI DISH #S: 69-72
 CONTROL DISH #S: 35-36

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 0 +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best
 Visual First Impression 1 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy
 Dirt Type, whole room Dirt Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser:
 White Paper Dispenser: with soft white paper towel machine
 Hand Dryer Brand: Blowdryer

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0
 0 = None | 1 = Small (58.5x11") | 2 = Medium (sheet door size) | 3 = Large (sheet door size)

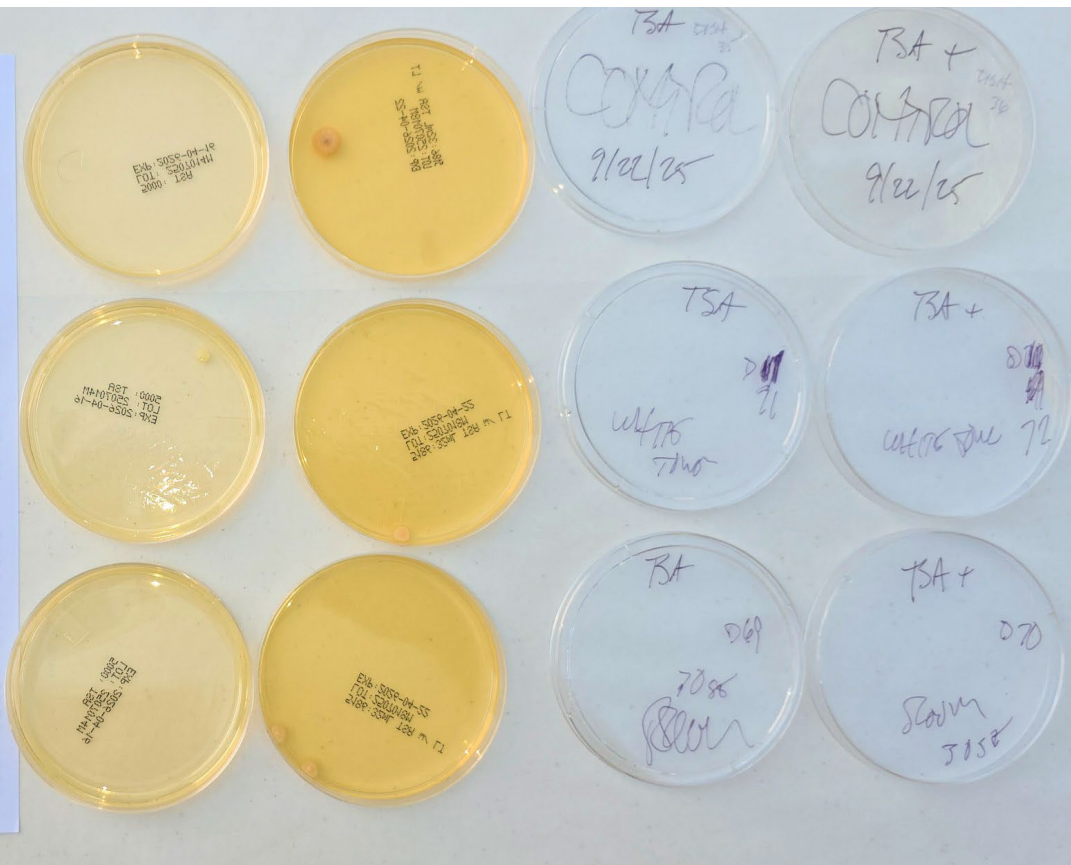
Visual Dirt Assessment (NIOSH 0-3 Scale) 0
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1
 Width Bottom(ft): 1
 Height: from dryer/dispenser 0 to floor 10

Area Coverage (0-10) 0 10

Darkness (0-10): 0 10

Volume (0-10): 0 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Red Lobster

Date: 9/12

Time: 6:59

Address: 4711 MARSHALL BL
HAND DRYER 17A

TEST# 19

STORE # 14

RESTROOM # 1

PETRI DISH #S: 75-78

CONTROL DISH #S: 55-58

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room (Dirt=1) Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: BROWN TOWEL IN A SPACE ON THE CARTER

White Paper Dispenser: ---

Hand Dryer Brand: ---

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) (0) 3
0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) (0) 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layer/streaks | 3 Heavy = Thick buildup

Width Top (ft):

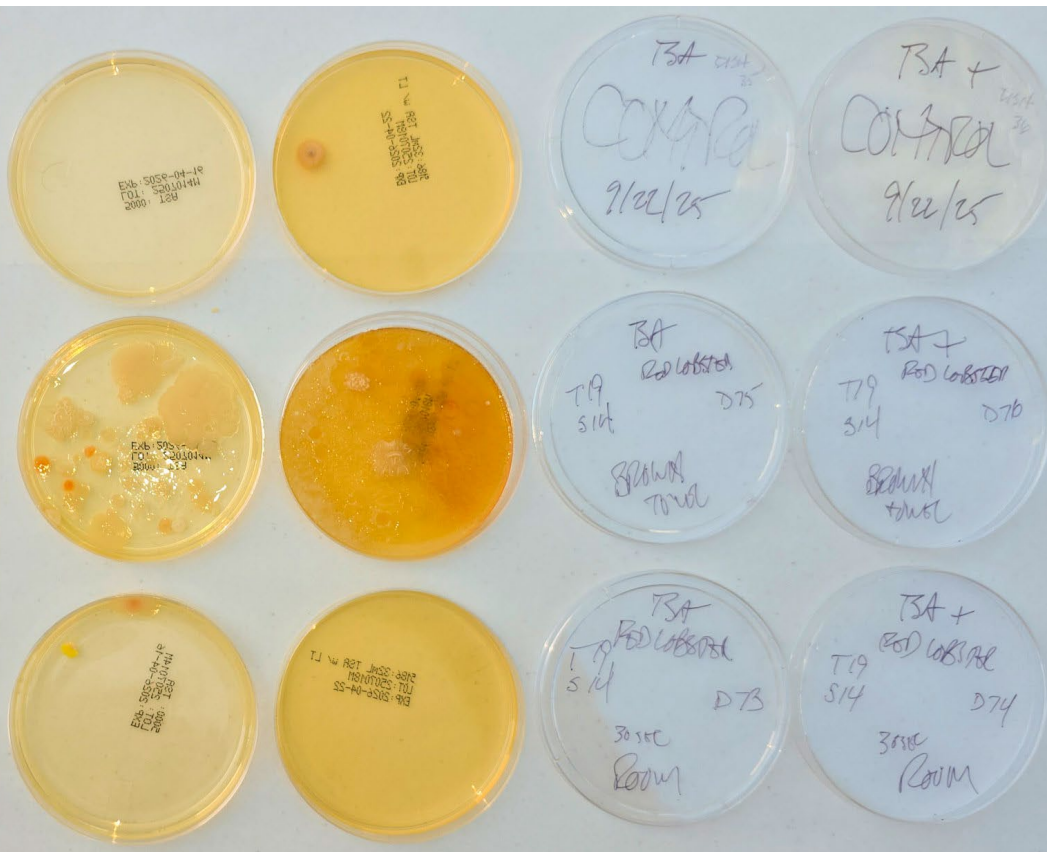
Width Bottom(ft):

Height: from dryer/dispenser 0 to floor 10

Area Coverage (0-10) (0) 10

Darkness (0-10) (0) 10

Volume (0-10) (0) 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: ARCOGA TEST# 20
 Date: 9/22/25 STORE# 15
 Time: 7:20 RESTROOM#: 1
 Address: 473 CAROLAN RD PETRI DISH #S: 11-20
NEAR CROSBY RD CONTROL DISH #S: 11-36

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best
 Visual First Impression 1 5
 1 = Spotless | 2 = Clean | 3 = Used | 4 = Dirty | 5 = Filthy
 Dirt Type, whole room Dirt 1 Microbes = 5
 1 = Dirt | 2 = Dirt/some mold | 3 = equal dirt and mold | 4 = mostly mold | 5 = Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒
 White Paper Dispenser: ☐
 Hand Dryer Brand: JOHNSON

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 3
 0 = None | 1 = Small (58.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

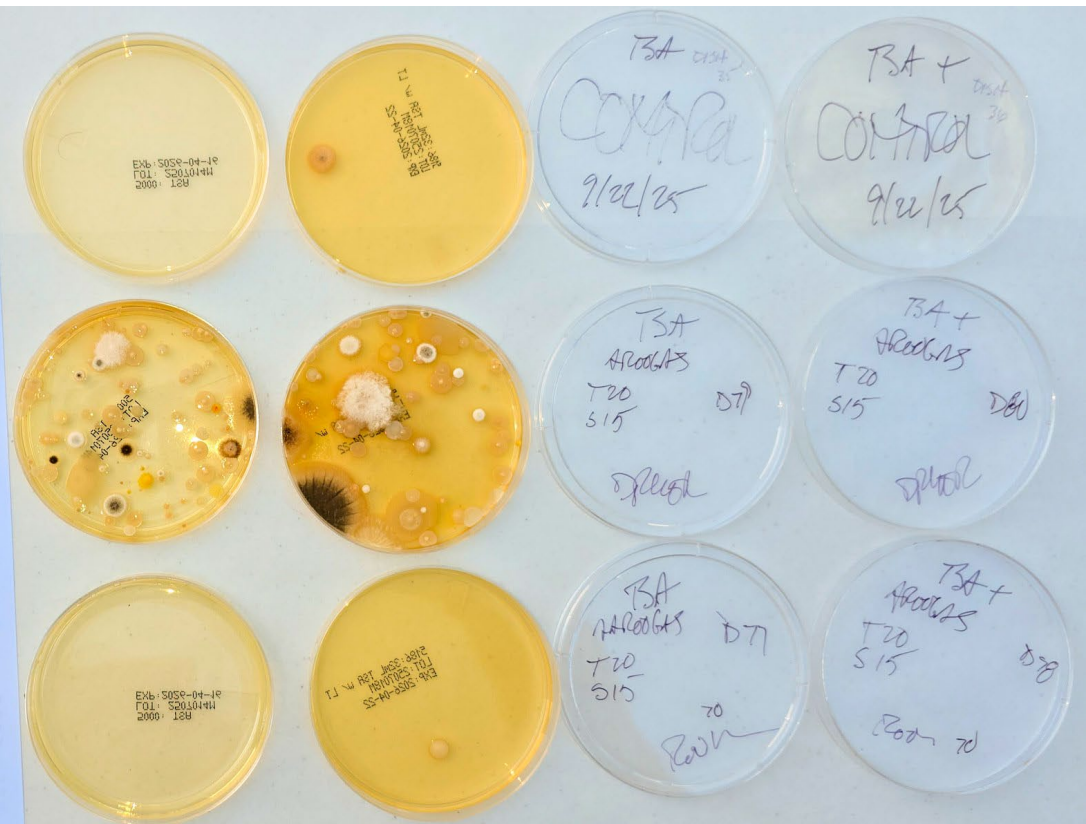
Visual Dirt Assessment (NIOSH 0-3 Scale) 0 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'
 Width Bottom (ft): 1'
 Height: from dryer/dispenser 0 to floor 0

Area Coverage (0-10) 0 10
2

Darkness (0-10): 0 10
2

Volume (0-10): 0 10
2



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: ATZOGAS
 Date: 9/23/25
 Time: 2:45 pm
 Address: 7025 AVENUE 840
HARRISBURG 17112

LOST DISHES
Random Dishes!!

TEST# 21
 STORE # 10
 RESTROOM #: 1
 PETRI DISH #S: B1-B2
 CONTROL DISH #S: B3-B4

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 2 ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- 4 ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓
 White Paper Dispenser: ✓
 Hand Dryer Brand: ECO ECO

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 2 ----- 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

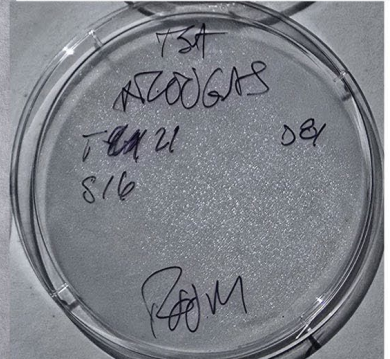
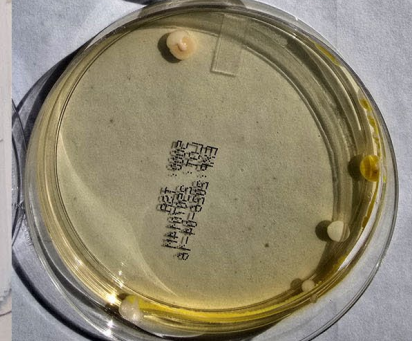
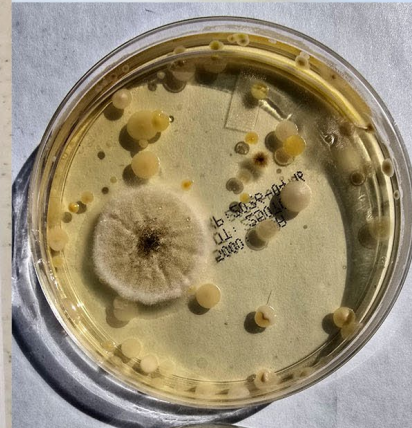
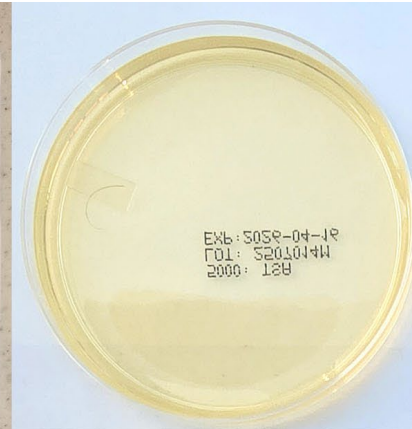
Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 1 ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'
 Width Bottom(ft): 3'
 Height: from dryer/dispenser 0 ----- to floor ----- 10

Area Coverage (0-10) 0 ----- 6 ----- 10

Darkness (0-10): 0 ----- 10 ----- 10

Volume (0-10): 0 ----- 5 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: CHOCOLATE WORLD

TEST# 22

Date: 9/23/25

STORE # 17

Time: 3:06

RESTROOM #: 1

Address: 101 CHOCOLATE WORLD WAY
40824th PL 17033

PETRI DISH #S: 84-85

CONTROL DISH #S: 83

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 7 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 3 ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: TOTO

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3 -----
0 = None | 1 = Small ($\leq 8.5 \times 11$) | 2 = Medium ($> \text{sheet door size}$) | 3 = Large ($> \text{sheet door size}$)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3 -----
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

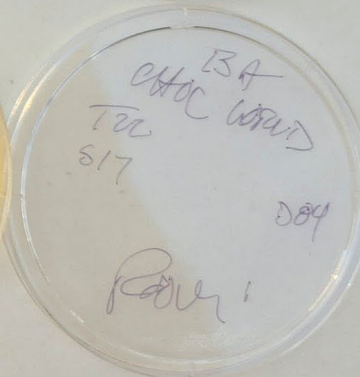
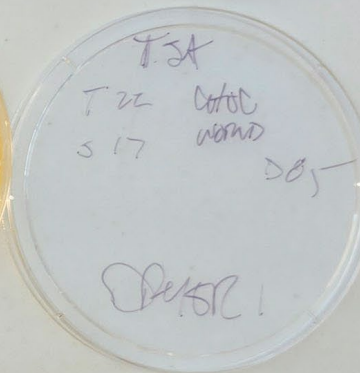
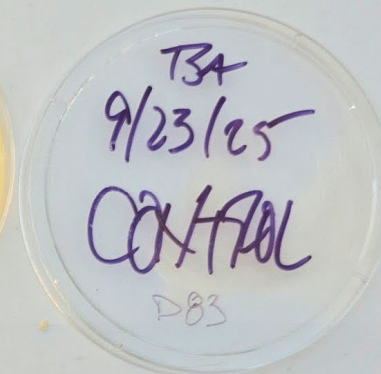
Width Bottom(ft):

Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Cafecore World

Date: 9/23/25

Time: 3:12

Address: 101 Cecore World Way
Harbortown 17035

TEST# 23

STORE # 17

RESTROOM #: 1

PETRI DISH #S: 86-87

CONTROL DISH #S: 83

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 (2) 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (3) 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser:

White Paper Dispenser:

Hand Dryer Brand:

PLUME OF FILTH

Dirt: ☐ Yes ☐ No

Mold: ☐ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 (3) 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 (3) 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

Width Bottom(ft):

Height: from dryer/dispenser 0 to floor 10

Area Coverage (0-10) 0 10

Darkness (0-10): 0 10

Volume (0-10): 0 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: TRUGGS
 Date: 9/23/25
 Time: 6:00 PM
 Address: 200 HANCOCK PARK DR
HANCOCK 17033

TEST# 24 A
 STORE # 8 A
 RESTROOM #: 1
 PETRI DISH #S: 88 89 91
 CONTROL DISH #S: 83

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (-3) ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best
 Visual First Impression 1 ----- (3) ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy
 Dirt Type, whole room Dirt=1 ----- (2) ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: GEORGE MECHANICAL BROWN
 White Paper Dispenser: ✓
 Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☐ Yes ☐ No
 Mold: ☐ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (3) ----- 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (3) ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):
 Width Bottom(ft):
 Height: from dryer/dispenser 0 ----- (10) ----- to floor 10

Area Coverage (0-10) 0 ----- (10) ----- 10

Darkness (0-10): 0 ----- (10) ----- 10

Volume (0-10): 0 ----- (10) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: 401st St Wagon
 Date: 9/23/25
 Time: 6:14 PM
 Address: 100 401st St Wagon
401st St Wagon 1705

TEST# 24

STORE # 18

RESTROOM #: 1

PETRI DISH #S: 85-09

CONTROL DISH #S: 85-09

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓
 White Paper Dispenser: Open Towels, 1705
 Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

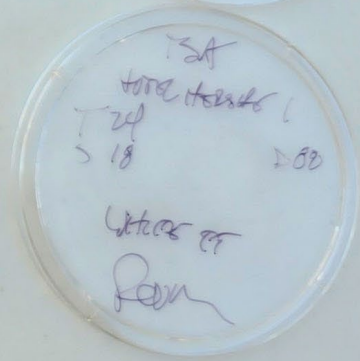
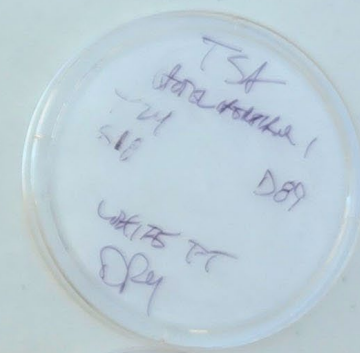
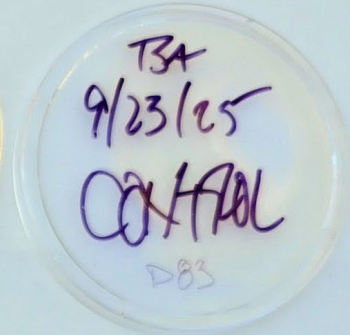
Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 0
 Width Bottom(ft): 0
 Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Horseshoe #2
 Date: 9/23/25
 Time: 6:30 PM
 Address: 100 Horseshoe
Horseshoe Rd 17037

TEST# 25
 STORE# 18
 RESTROOM# 2
 PETRI DISH #S: 90-91
 CONTROL DISH #S: 83

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- 2.5 ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

0 = None

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: White Paper Dispenser: White Towels, Open container
 Hand Dryer Brand: _____

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

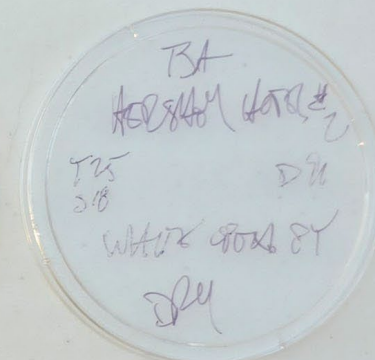
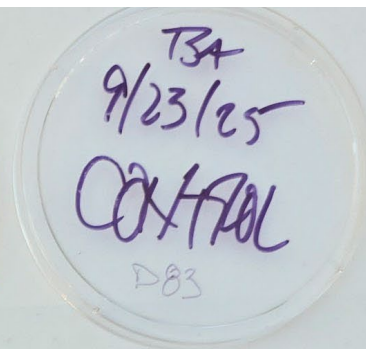
Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2
 Width Bottom (ft): 0
 Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10): 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: DUNKIN DONUTS

Date: 9/23/25

Time: 6:45 PM

Address: 605 PULASKI
CHICAGO 1703

TEST# 26

STORE # 19

RESTROOM #: 1

PETRI DISH #S: 22-28

CONTROL DISH #S: 23

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (-2) ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (3) ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (5) ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser:

Hand Dryer Brand: XEROX SKIN-DRY

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (1) ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2

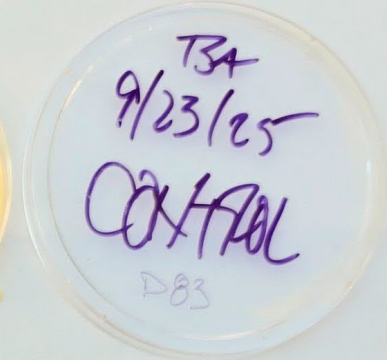
Width Bottom (ft): 5

Height: from dryer/dispenser 0 ----- (to floor 10)

Area Coverage (0-10) 0 ----- (7) ----- 10

Darkness (0-10): 0 ----- (7) ----- 10

Volume (0-10): 0 ----- (5) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: WONDUS

Date: 9/23/25

Time: 6:55 PM

Address: PARC AVE
HOLSTON DR 17033

TEST# 27

STORE # 20

RESTROOM #: 1

PETRI DISH #S: 94 95

CONTROL DISH #S: 83

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (2) ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (4) ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (2) ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: STANLEY, GONGUC, TRL FAD

White Paper Dispenser: ---

Hand Dryer Brand: ---

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (1) ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

Width Bottom (ft): 4'

Height: from dryer/dispenser 0 ----- (10) ----- to floor 10

Area Coverage (0-10) 0 ----- (4) ----- 10

Darkness (0-10): 0 ----- (4) ----- 10

Volume (0-10): 0 ----- (4) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: RED ROBIN

Date: 9/23

Time: 7:10 PM

Address: 621 PARK AVE
ALBANY 12205

TEST # 78

STORE # 21

RESTROOM #: 1

PETRI DISH #S: 96-97

CONTROL DISH #S: 83

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (2) ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (3) ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (2) ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: TORC MECHANICAL

White Paper Dispenser: ---

Hand Dryer Brand: ---

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (1) ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (1) ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'

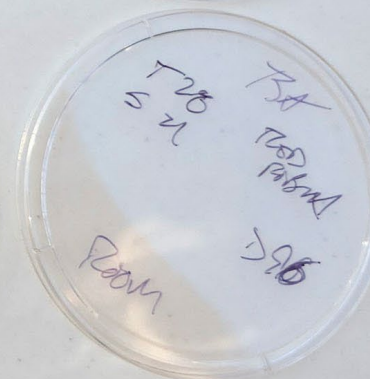
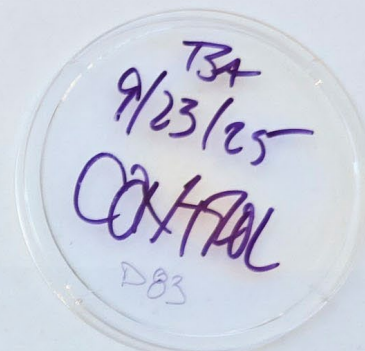
Width Bottom (ft): 2'

Height: from dryer/dispenser 0 ----- (7) ----- to floor 10

Area Coverage (0-10) 0 ----- (4) ----- 10

Darkness (0-10): 0 ----- (3) ----- 10

Volume (0-10): 0 ----- (2) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Yakor Apartments

Date: 9/23/25

Time: 7:26 PM

Address: 4601 17th St NW
Washington DC 20037

TEST# 29

STORE # 22

RESTROOM #: 1

PETRI DISH #S: 99-100

CONTROL DISH #S: 98

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 (1) ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (2) ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 (2) ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: ✓

Hand Dryer Brand: Yakor Sinteron

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 (1) ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 (1) ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 0

Width Bottom (ft): 1

Height: from dryer/dispenser 0 (2) ----- to floor 10

Area Coverage (0-10) 0 (1) ----- 10

Darkness (0-10): 0 (1) ----- 10

Volume (0-10): 0 (1) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: 1701 Hill St. Wash DC

Date: 9/24/25

Time: 12:45

Address: 101 W Capitol Mall

TEST# 31

STORE # 22

RESTROOM #: 1

PETRI DISH #S: 102-103

CONTROL DISH #S: 106

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: ✓

Hand Dryer Brand: Dyson Airblade

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'

Width Bottom (ft): 4'

Height: from dryer/dispenser 0 ----- to floor 0

Area Coverage (0-10) 0 ----- 10
7

Darkness (0-10): 0 ----- 10
8

Volume (0-10): 0 ----- 10
7



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: PRIMA BOUTIQUE

Date: 8/24/25

Time: 1:15 PM

Address: 103 CROCKETT RD
FOREST PT

TEST# 32

STORE # 25

RESTROOM #: 1

PETRI DISH #S: 101-105

CONTROL DISH #S: 106

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10

-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 2 ----- 5

1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- 2 ----- Microbes=5

1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser:

White Paper Dispenser:

Hand Dryer Brand: XEROX SMART- FLOOR/WALL 55

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 1 ----- 3

0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 1 ----- 3

0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'

Width Bottom(ft): 1'

Height: from dryer/dispenser 0 ----- to floor 10 ----- 10

Area Coverage (0-10) 0 ----- 1 ----- 10

Darkness (0-10): 0 ----- 2 ----- 10

Volume (0-10): 0 ----- 1 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Plaza 47 BUS

Date:

Time: 2:52 pm

Address:

TEST# 39

STORE # 23

RESTROOM #: 1

107-109 PETRI DISH #S: 106, 107, 108

CONTROL DISH #S: 106

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Rest

Visual First Impression 1 ----- 2 ----- 3 ----- 4 ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: TURK WASH TOWEL

White Paper Dispenser: ---

Hand Dryer Brand: ---

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 1 ----- 2 ----- 3
0 = None | 1 = Small ($\leq 8.5 \times 11"$) | 2 = Medium ($>$ sheet door size) | 3 = Large ($>$ sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 1 ----- 2 ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

Width Bottom (ft): 1

Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Fresh Market 1 Dispenser

Date: 8/24/25

Time: 3:00 PM

Address: 171 Town Square
Albany 12033

TEST# 34

STORE# 24

RESTROOM# 1

PETRI DISH #S: 109-110

CONTROL DISH #S: 106

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 (1) ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (2) ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt (1) ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: SS TRIFOLD WLL

Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☒ Yes ☐ No
Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) (0) ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 (1) ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

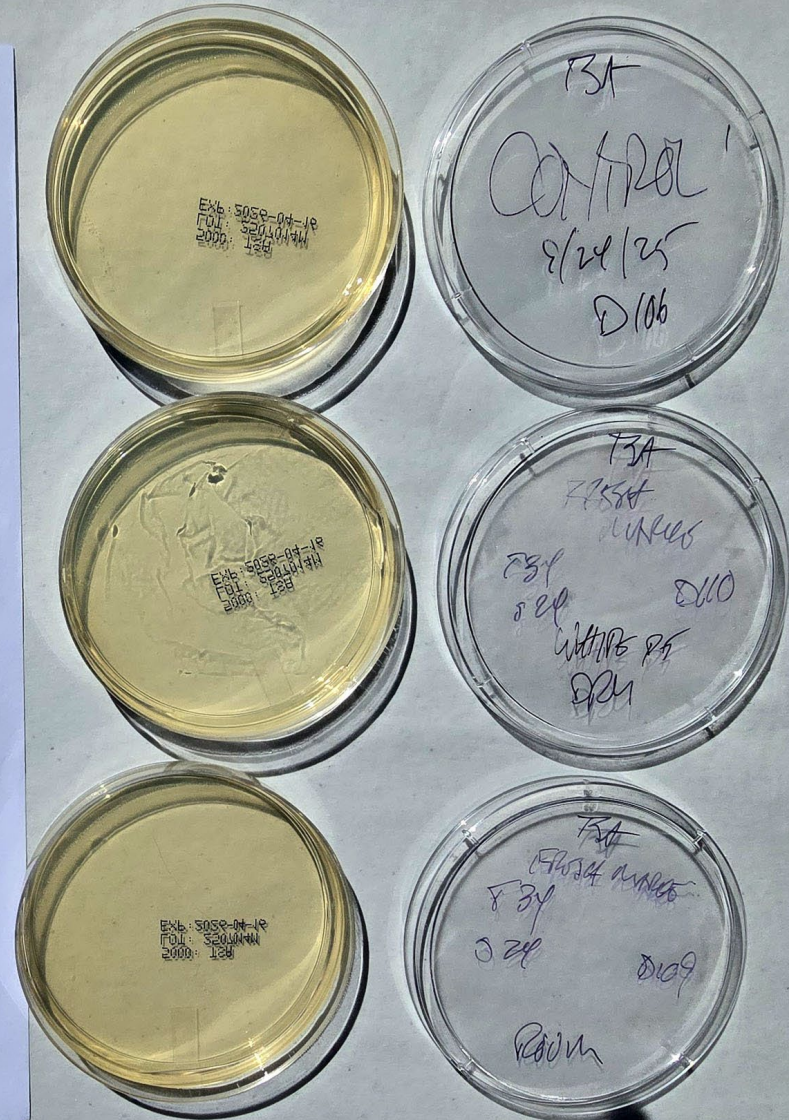
Width Bottom (ft): 1

Height: from dryer/dispenser 0 ----- (6) ----- to floor 10

Area Coverage (0-10) 0 (2) ----- 10

Darkness (0-10): 0 (1) ----- 10

Volume (0-10): 0 (1) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: FROST MARKET 2 CANTO

Date: 8/24/25

Time: 3:15 PM

Address:

TEST# 35

STORE # 24

RESTROOM #: 1

PETRI DISH #S: 111-112

CONTROL DISH #S: 106

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1- 2 ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt: 1 ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: TOILET COUNTER X-FOLD

Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

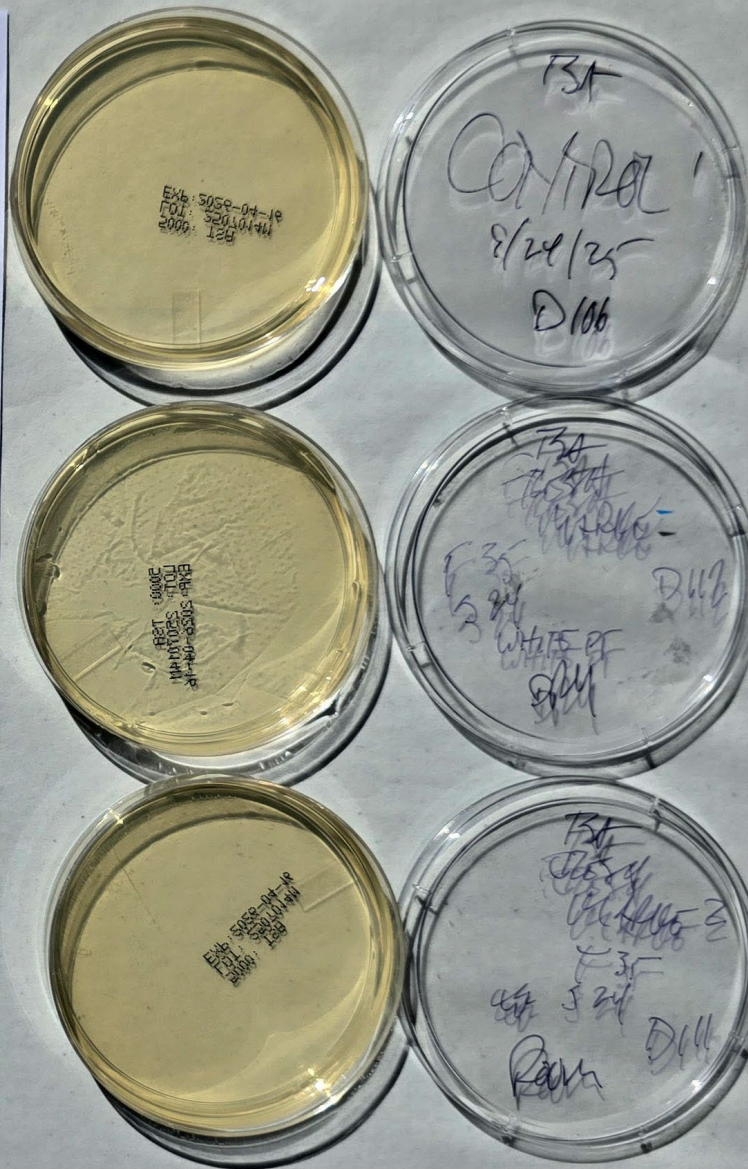
Width Bottom(ft): 1

Height: from dryer/dispenser 0 ----- 11/12 to floor10

Area Coverage (0-10) 0 ----- 2 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Harbor City 1 - Winters
 Date: 9/24/25
 Time: 3:27 pm
 Address: 63 W. Colorado Ave
Harbor City 17033

TEST# 86
 STORE # 25
 RESTROOM #: 1
 PETRI DISH #S: 13-14
 CONTROL DISH #S: 106

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (-2) ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (2) ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (2) ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser:

White Paper Dispenser: General Static Motion

Hand Dryer Brand:

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (1) ----- 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

Width Bottom (ft): 2

Height: from dryer/dispenser 0 ----- (3) ----- to floor 10

Area Coverage (0-10) 0 ----- (3) ----- 10

Darkness (0-10): 0 ----- (2) ----- 10

Volume (0-10): 0 ----- (3) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Arboretum 5000 2 2450. v

Date: 12/25

Time: 3:22 PM

Address:

TEST# 37

STORE# 25

RESTROOM# 1

PETRI DISH #S: 115-116

CONTROL DISH #S: 106

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (2) ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (2) ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (2) ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser:

White Paper Dispenser:

Hand Dryer Brand: Dyson Airblade V HRP

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (1) ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2

Width Bottom (ft): 3

Height: from dryer/dispenser 0 ----- (10) ----- to floor 10

Area Coverage (0-10) 0 ----- (5) ----- 10

Darkness (0-10): 0 ----- (7) ----- 10

Volume (0-10): 0 ----- (6) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: WALKER HALLWAYS 1 WHITE CANYON

Date: 8/24/25

Time: 4:07

Address: 27 WILCOCKS AVE

HERNDON 17035

TEST # 38

STORE # 26

RESTROOM # 1

PETRI DISH #S: 107, 110

CONTROL DISH #S: 106

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 (-1) 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 2 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 (1) Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: TRUCK CATCHER TOP TRIFOLD

Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

Width Bottom(ft):

Height: from dryer/dispenser 0 to floor 10

Area Coverage (0-10) 0 10

Darkness (0-10): 0 10

Volume (0-10): 0 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: HOULIHAN'S 2 DUSON
 Date: 8/24/25
 Time: 4:07
 Address: 27 W 5th St

TEST# 39
 STORE # 26
 RESTROOM #: 1
 PETRI DISH #S: 19-120
 CONTROL DISH #S: 106

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 -1 0 +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 2 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒
 White Paper Dispenser: ☒
 Hand Dryer Brand: Dyson Airblade V SS Plate to floor

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 1 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 1 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2

Width Bottom(ft): 3

Height: from dryer/dispenser 0 10 to floor

Area Coverage (0-10) 0 2 10

Darkness (0-10): 0 3 10

Volume (0-10): 0 2 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: STARBUCKS 1

Date: 8/24/25

Time: 4:30 PM

Address: 160 W. HOOVER
HOLSTEN 17033

TEST# 40

STORE # 27

RESTROOM #: 1

PETRI DISH #S: 121-122

CONTROL DISH #S: 106

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (1) 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (3) ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (2) ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser:

White Paper Dispenser:

Hand Dryer Brand: DYSON AIRBLADE

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2

Width Bottom(ft): 5

Height: from dryer/dispenser 0 ----- (7) ----- to floor 10

Area Coverage (0-10) 0 ----- (7) ----- 10

Darkness (0-10): 0 ----- (6) ----- 10

Volume (0-10): 0 ----- (6) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: STARBUCKS 2

Date: 4/24/25

Time:

Address:

TEST# 41

STORE # 27

RESTROOM #: 2

PETRI DISH #S: 123-124

CONTROL DISH #S: 106

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (1) 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (3) ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (4) ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: DYSON AIRBLOW

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2

Width Bottom(ft): 3

Height: from dryer/dispenser 0 ----- (10) ----- to floor 10

Area Coverage (0-10) 0 ----- (4) ----- 10

Darkness (0-10): 0 ----- (3) ----- 10

Volume (0-10): 0 ----- (2) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: FOXICIS
 Date: 9/24/25
 Time: 6:15 PM
 Address: 102 W HAWAIIAN
17033

TEST# 42
 STORE # 28
 RESTROOM #: 1

PETRI DISH #S: 25-126
 CONTROL DISH #S: 106

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 (3) 0 +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (4) 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 (2) Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: —
 White Paper Dispenser: OPENT WHITE 3 FOLD TOWELS ON CARTON
 Hand Dryer Brand: —

PLUME OF FILTH

Dirt: ☐ Yes ☐ No N/A
 Mold: ☐ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0
 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

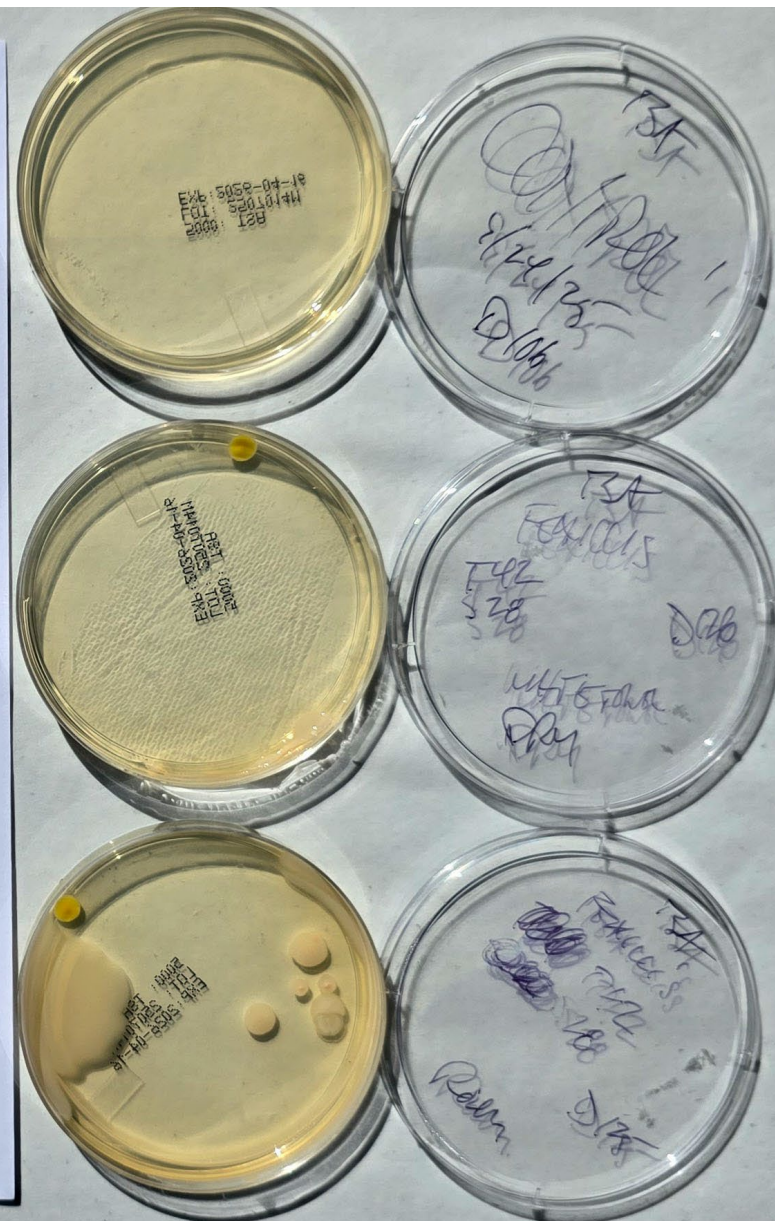
Visual Dirt Assessment (NIOSH 0-3 Scale) 0
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): —
 Width Bottom(ft): —
 Height: from dryer/dispenser 0 to floor 10

Area Coverage (0-10) 0 — 10

Darkness (0-10): 0 — 10

Volume (0-10): 0 — 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: FIRST UNITED METHODIST CHURCH

Date: 4/24/25

Time: 6:32 PM

Address: 64 W. BETHLEHEM AVE
Asheville 27037

TEST# 43

STORE# 29

RESTROOM# 1

PETRI DISH #S: 127-128

CONTROL DISH #S: 106

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 2 ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒
White Paper Dispenser: PRO LINE MFG 40110A1
Hand Dryer Brand: ☒

PLUME OF FILTH

Dirt: ☒ Yes ☐ No
Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
0 = None | 1 = Small ($\leq 8.5 \times 11"$) | 2 = Medium ($> \text{sheet door size}$) | 3 = Large ($> \text{sheet door size}$)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1
Width Bottom (ft): 1
Height: from dryer/dispenser 0 ----- 2 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: WALMART
 Date: 9/24/25
 Time: 7:18 PM
 Address: 6535 GIRMSON RD
HFG 17111

TEST# 44
 STORE # 30
 RESTROOM #: 1
 PETRI DISH #S: 130-131
 CONTROL DISH #S: 129

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 (2) 0 +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (4) 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 (2) Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓
 White Paper Dispenser: ✓
 Hand Dryer Brand: EXCEL - OUT STYLE HOT AIR

PLUME OF FILTH

Dirt: ☒ Yes ☐ No
 Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 (2) 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>hazard door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 (2) 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2

Width Bottom (ft): 3

Height: from dryer/dispenser 0 (3) to floor 10

Area Coverage (0-10) 0 (3) 10

Darkness (0-10): 0 (3) 10

Volume (0-10): 0 (3) 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Gilmer
 Date: 9/24/25
 Time: 7:40 PM
 Address: 6201 CATHYSON RD
HOUSTON TX 77011

TEST# 45
 STORE # 31
 RESTROOM #: 1
 PETRI DISH #S: 132, 133
 CONTROL DISH #S: 129

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 2 ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 3 ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- 2 ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓
 White Paper Dispenser: ✓
 Hand Dryer Brand: YECOMAL

PLUME OF FILTH

Dirt: ☒ Yes ☐ No
 Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 2 ----- 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3 ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'

Width Bottom(ft): 3'

Height: from dryer/dispenser 0 ----- to floor 10 ----- 10

Area Coverage (0-10) 0 ----- 4 ----- 10

Darkness (0-10): 0 ----- 3 ----- 10

Volume (0-10): 0 ----- 3 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: VA Hospital 1
 Date: 9/25/25
 Time: 9:25 am
 Address: 1700 Seward Ave
187400N 17042

TEST# 46

STORE # 31

RESTROOM #: 1

PETRI DISH #S: 135-136

CONTROL DISH #S: 134

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 2 ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt 1 ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓
 White Paper Dispenser: GEORGETOWN PACIFIC 1007041
 Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

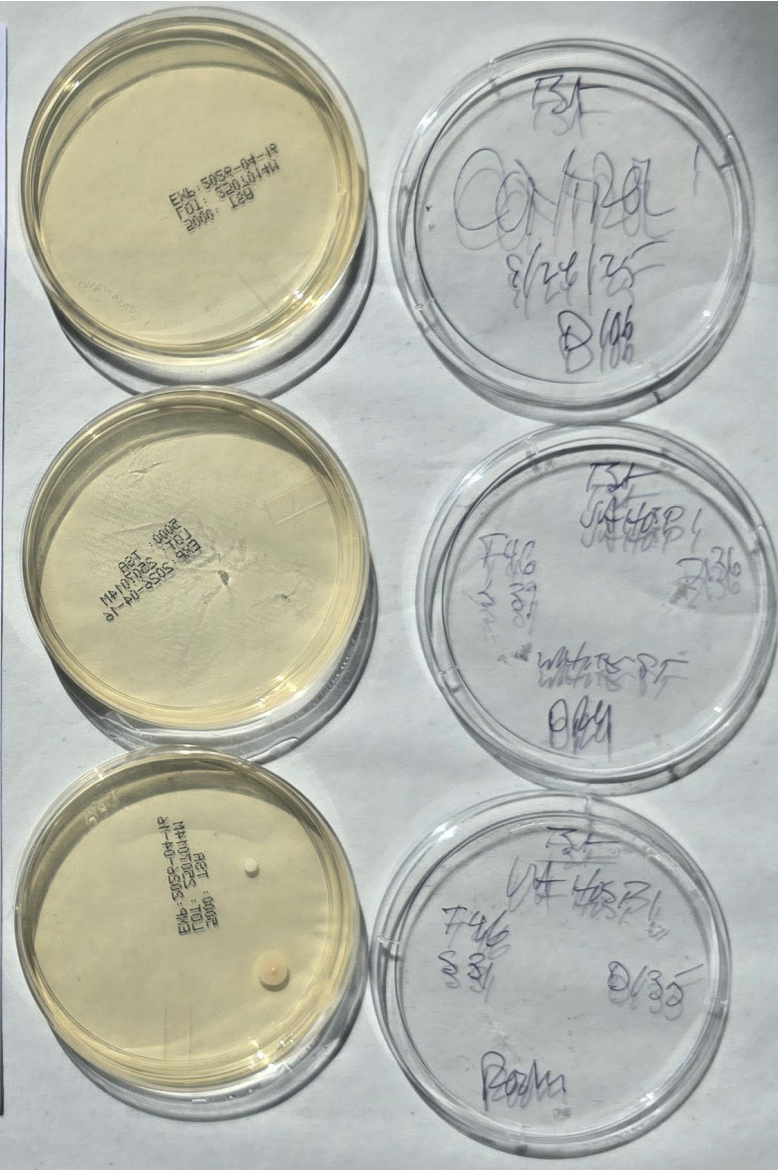
Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): ✓
 Width Bottom(ft): ✓
 Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: VA Hosp. Rm 2
 Date: 9/25/25
 Time: 8:30 AM
 Address: 1700 S WILSON AVE
LEXINGTON 27040

TEST# 47
 STORE # 31
 RESTROOM #: 2
 PETRI DISH #S: 137, 138
 CONTROL DISH #S: 134

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (2) ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best
 Visual First Impression 1 ----- (3) ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy
 Dirt Type, whole room Dirt=1 ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=some dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓
 White Paper Dispenser: GP EXTENSION
 Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): X
 Width Bottom(ft): X
 Height: from dryer/dispenser 0 ----- to floor 10
 Area Coverage (0-10) 0 ----- 10
 Darkness (0-10): 0 ----- 10
 Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: SPEDWAY

Date: 9/25/25

Time: 10:45 AM

Address: 302 E. 10th St. W
WABASH, IL

TEST# 48

STORE # 32

RESTROOM #: 1

PETRI DISH #S: 139 - 140

CONTROL DISH #S: 134

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (3) ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (4) ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (2) ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☐

Hand Dryer Brand: JOHNSON

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
0 = None | 1 = Small ($\leq 8.5 \times 11"$) | 2 = Medium ($> \text{sheet door size}$) | 3 = Large ($> \text{sheet door size}$)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (3) ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2'

Width Bottom (ft): 4'

Height: from dryer/dispenser 0 ----- (3) ----- to floor 10

Area Coverage (0-10) 0 ----- (5) ----- 10

Darkness (0-10): 0 ----- (4) ----- 10

Volume (0-10): 0 ----- (8) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Subway

Date: 9/25/25

Time: 11:15

Address: 195 Rochester Rd
Oshtemo 17042

TEST# 49

STORE # 33

RESTROOM #: 1

PETRI DISH #S: 141-142

CONTROL DISH #S: 34

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 (6) 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (2) 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 (2) Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: Mechanical Towel

White Paper Dispenser: —

Hand Dryer Brand: —

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 (2) 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 (3)
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2'

Width Bottom(ft): 4'

Height: from dryer/dispenser 0 (to floor) 10

Area Coverage (0-10) 0 (8) 10

Darkness (0-10): 0 (8) 10

Volume (0-10): 0 (8) 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: WALKER'S

Date: 9/25/25

Time: 5:22 PM

Address: 5327 E. WALKER RD
Mesa 85205

TEST# SD

STORE # 34

RESTROOM #: 1

PETRI DISH #S: 1B-144

CONTROL DISH #S: 17X

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 RESTROOM CLEANLINESS RESTROOM IN
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 3 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 2 Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: —

White Paper Dispenser: —

Hand Dryer Brand: WALKER'S WHITE WALKER'S WALKER'S

PLUME OF FILTH

Dirt: ☐ Yes ☒ No almost none
Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 1 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 1 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 6

Width Bottom (ft): 2

Height: from dryer/dispenser 0 5 to floor 10

Area Coverage (0-10) 0 1 10

Darkness (0-10): 0 1 10

Volume (0-10): 0 1 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: EL SA
 Date: 9/25/25
 Time: 6:35 PM
 Address: 3721 MARLBOROUGH ST
CHAMP HILL PA 17811

TEST# 51
 STORE # 55
 RESTROOM #: 1
 PETRI DISH #S: 145-146
 CONTROL DISH #S: 134

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 2 0 +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 2 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt 1 Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: OPEN TOP FOLD OR CARTER
 White Paper Dispenser: ✓
 Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

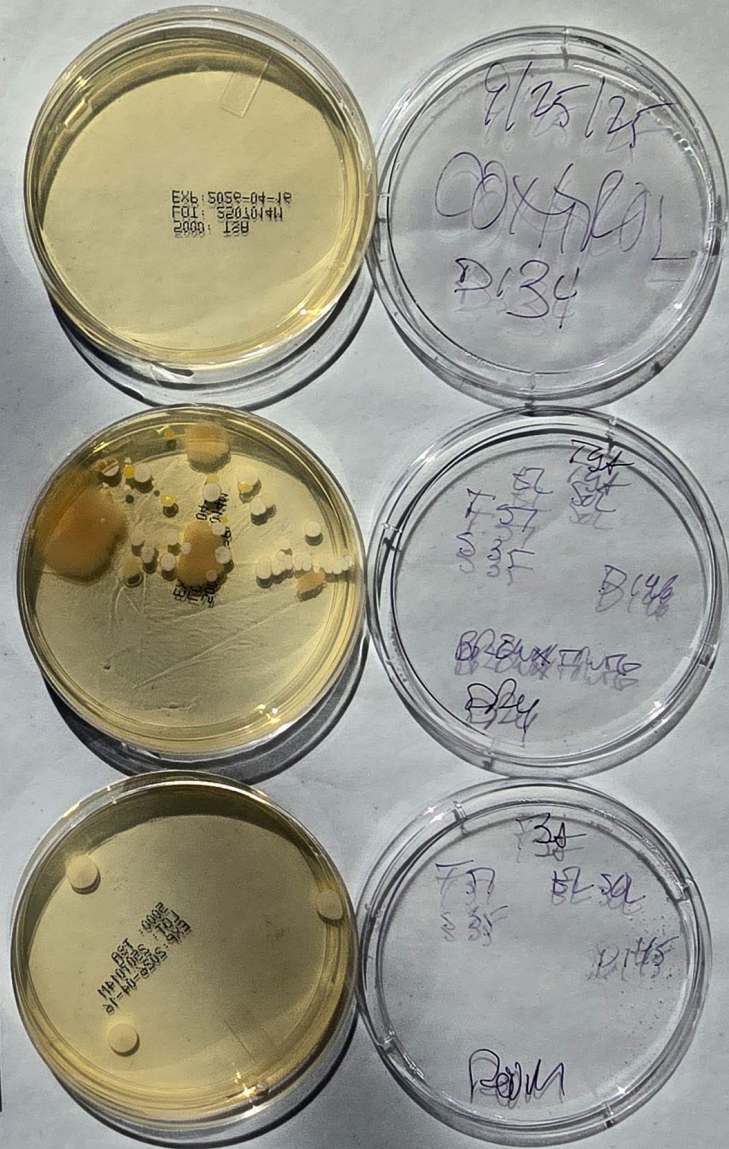
Visual Dirt Assessment (NIOSH 0-3 Scale) 0 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):
 Width Bottom(ft):
 Height: from dryer/dispenser 0 _____ to floor 10

Area Coverage (0-10) 0 _____ 10

Darkness (0-10): 0 _____ 10

Volume (0-10): 0 _____ 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: COMMUNITY RD

Date: 9/27/25

Time: 10:45 AM

Address: 4833 CARUSO PK
ALPHARETTA, GA 30009

TEST# 52

STORE # 36

RESTROOM #: 1

PETRI DISH #S: 147-148

CONTROL DISH #S: 149

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 (5) 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (4) 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 (4) Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: MACALLAN MILLARD

Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 (3)
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 (2) 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2'

Width Bottom (ft): 3'

Height: from dryer/dispenser 0 (5) to floor 10

Area Coverage (0-10) 0 (5) 10

Darkness (0-10): 0 (3) 10

Volume (0-10): 0 (3) 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: CARPENTER'S MARK

Date: 9/26/25

Time: 12:10

Address: 503 CARUSO PK

MOCHA 17050

TEST# 53

STORE # 37

RESTROOM #: 1

PETRI DISH #S: 10-151

CONTROL DISH #S: 149

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (-2) ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

DIRT VARIOUS 1 ----- (2) ----- 5

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: NO PAPER DISPENSER

Hand Dryer Brand: _____

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) (0) ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) (0) ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): _____

Width Bottom(ft): _____

Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: DOMINOS

Date: 9/27/25

Time: 12:20 PM

Address: 55th Avenue Rd
Metairie 70003

TEST# 54

STORE # 38

RESTROOM #: 1

PETRI DISH #S: 12, 15

CONTROL DISH #S: M

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale: -10 -5 0 +10

-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression: 1 3 5

1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room: Dirt: Microbes

1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=50/50 mold

PART

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: 55th Ave

White Paper Dispenser: —

Hand Dryer Brand: —

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale): 0 2 3

0 = None | 1 = Small (≤5.5x11") | 2 = Medium (=sheet door size) | 3 = Large (=sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale): 0 2 3

0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 4

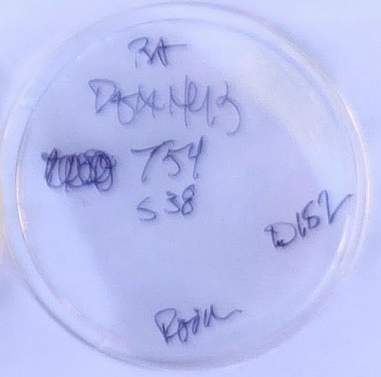
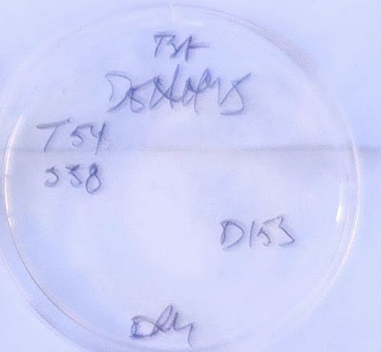
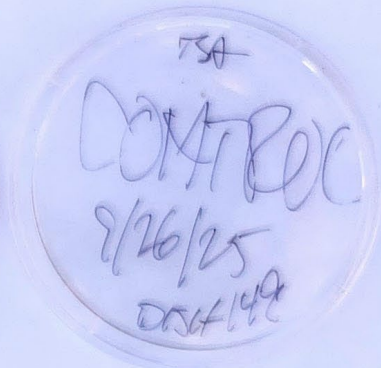
Width Bottom (ft): 4

Height: from dryer/dispenser 0 to floor 10

Area Coverage (0-10): 0 4 10

Darkness (0-10): 0 4 10

Volume (0-10): 0 4 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL RUDIT

Store Name: Auto Zone

Date: 9/27/25

Time: 12:50

Address: 6023 CAWLEY RD

WILKINSON TOWNSHIP

WHITE TAIL TAIL

DRYING STATION

NO FILTH

TEST# 55

STORE # 39

RESTROOM # 1

PETRI DISH #S: 14-15

CONTROL DISH #S: 14-15

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale: -10 -1 0 +10

-10 = Gag/Exit Immediately (0 = Neutral/No Odor) +10 = Best

Visual First Impression: 1 4 5

1=Spotless (2=Clean (3=Used (4=Dirty (5=Filthy)

Dirt Type, whole room: Dirt 1 Microbes=5

1=Dirt (2=Dirt/some mold (3=squid dirt and mold (4=mostly mold (5=Biohazard)

DRYING 1-5 = 4

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser:

White Paper Dispenser: Paper Towel Dispenser

Hand Dryer Brand:

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale): 0 1 2 3

0 = None (1 = Small (2.5x11") (2 = Medium (sheet door size) (3 = Large (sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale): 0 1 2 3

0 = Clean (1 Light = Film/Dust (2 Moderate = Layers/streaks (3 Heavy = Thick buildup)

Width Top (ft):

Width Bottom (ft):

Height: from dryer/dispenser 0 1 to floor 10

Area Coverage (0-10): 0 1 10

Darkness (0-10): 0 1 10

Volume (0-10): 0 1 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: APPROXIMATE BROWNS

Date: 8/27/25

Time: 1:28 PM

Address: 6962 OAKSIDE

HOUSTON 77057

TEST # 56

STORE # 88

RESTROOM # 1

PETRI DISH #S: 56-157

CONTROL DISH #S: 18

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale: -10 0 +10
-10 = Gag/Exit Immediately (0 = Neutral/No Odor) +10 = Bad

Visual First Impression: 1 2 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirty Type, whole room: Dirt=1 Microbe=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

Dirt volume: 0.5 2

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: Not installed

White Paper Dispenser: -

Hand Dryer Brand: -

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 6-8 Scale): 0 1 3
0 = None | 1 = Small (5.5 by 11") | 2 = Medium (sheet door size) | 3 = Large (shower door size)

Visual Dirt Assessment (NIOSH 6-8 Scale): 0 1 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

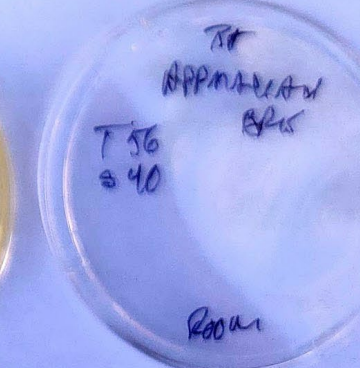
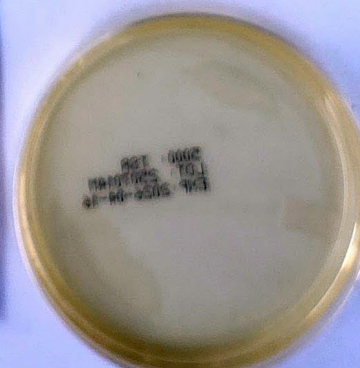
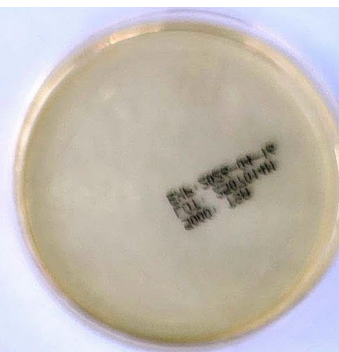
Width Bottom (ft): 3

Height: from dryer/dispenser 0 10 floor 10

Area Coverage (0-10): 0 8 10

Darkness (0-10): 0 4 10

Volume (0-10): 0 3 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: TRAVEL SUPPLY

Date: 9/29/25

Time: 4:10 PM

Address: 100 NOLAN RD
CARLETON 17013

TEST# 57

STORE # 41

RESTROOM # 1

PETRI DISH #S: 158, 159

CONTROL DISH #S: 18

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale: -10 3 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression: 1 5 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room: Dirt: 3 Microbes: 3
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

DIRTY - 1-5

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: WIPAC DRY - 3.0

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale): 0 2 3
0 = None | 1 = Small (<6.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale): 0 3 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick Buildup

Width Top (ft): 2

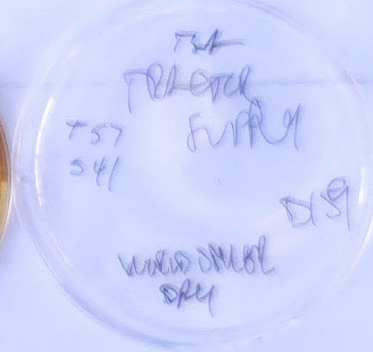
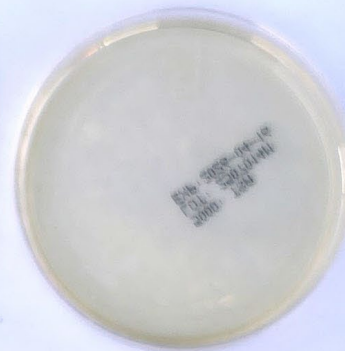
Width Bottom (ft): 5

Height: from dryer/dispenser 0 5 to floor 0

Area Coverage (0-10): 0 6 10

Darkness (0-10): 0 7 10

Volume (0-10): 0 1 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL RUN#

Store Name: TJ Max

Date: 9/27/25

Time: 4:30 PM

Address:

TEST# 58

STORE # 82

RESTROOM # 1

PETRI DISH #S: 82, 161

CONTROL DISH #S: 4

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale: -10 0 0 +10
-10 = Gag/Exit Immediately (0 = Neutral/No Odor) +10 = Best

Visual First Impression: 1 2 5
1=Spotless (2=Clean (3=Light (4=Dirty (5=Filthy

Dirt Type, whole room: Dirty 0 5 10
1=Dir (2=Dirty/mold (3=moderate dirt and mold (4=mostly mold (5=Disgusting

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispense: Generic Motion

White Paper Dispense: —

Hand Dryer Brand: —

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-5 Scale): 0 1 5
0 = None (1 = Small (6.0x1 ft) (2 = Medium (medium door size) (3 = Large (full door size)

Visual Dirt Assessment (NIOSH 0-5 Scale): 0 1 5
0 = Clean (1 = Light (fine dust) (2 = Moderate (layers of dirt) (3 = Heavy (thick buildup)

Width Top (ft):

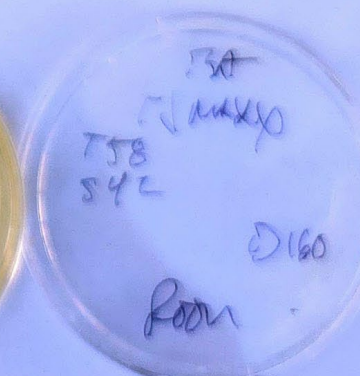
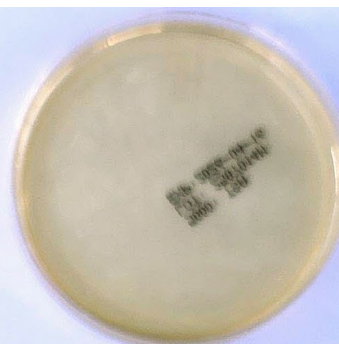
Width Bottom (ft):

Height: from dryer/dispenser 0 1 5
to four 10

Area Coverage (0-10): 0 1 10

Darkness (0-10): 0 1 10

Volume (0-10): 0 1 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: SMARCO

Date: 9/27/25

Time: 4:40 PM

Address:

TEST# 59

STORE # 45

RESTROOM # 1

PETRI DISH #S: 162, 163

CONTROL DISH #S: 164

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale: -10 (3) 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression: 1 (3) 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room: Dirt=1 (3) Microbes=5
1=Dir | 2=Dir/some mold | 3=some dirt and mold | 4=mostly mold | 5=Biohazard

Dirt over 1-5 (3)

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: Q. WIPER BLIND BY PAPER

White Paper Dispenser:

Hand Dryer Brand:

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale): 0 (2) 3
0 = None | 1 = Small (<8.5x11") | 2 = Medium (=sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale): 0 (1) 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 0

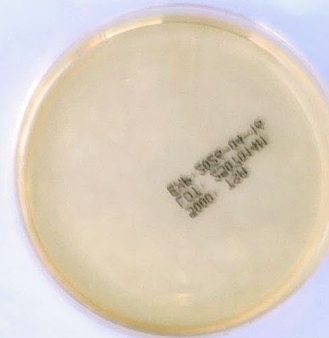
Width Bottom (ft): 2

Height: from dryer/dispenser 0 (6) to 100 ft

Area Coverage (0-10): 0 (2) 10

Darkness (0-10): 0 (2) 10

Volume (0-10): 0 (1) 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Walmart

Date: 9/27/25

Time: 4:54pm

Address: Danvers

Handwritten notes:
 PERFECT ROOM WITH
 PERFECT FILTH
 PERFECT TEST

TEST# 60

STORE # 23

RESTROOM #:

PETRI DISH #S: 100, 101

CONTROL DISH #S: 101

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale: -10 _____ 0 +1 _____ +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression: 1 _____ 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room: Dirt=1 _____ Microbial=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: Electrolux SS

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-5 Scale): 0 _____ 2 _____ 3
 0 = None | 1 = Small (<5 sq ft) | 2 = Medium (=sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-5 Scale): 0 _____ 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

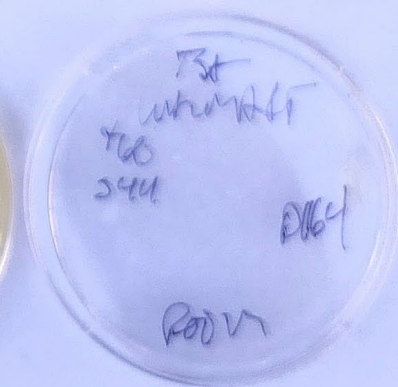
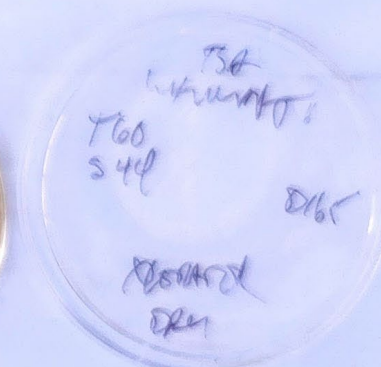
Width Bottom (ft): 3

Height: from dryer/dispenser 0 _____ to floor 10

Area Coverage (0-10): 0 _____ 10

Darkness (0-10): 0 _____ 10

Volume (0-10): 0 _____ 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Walmart *BARBERSVILLE*
 Date: 9/27/25 *PERFECTED Count of*
 Time: 5:10PM *Walmart Restroom and*
 Address: Onyx *OK WASH*

TEST# 64
 STORE # 44
 RESTROOM #: 2
 PETRI DISH #S: 166-167
 CONTROL DISH #S: 148

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 (4) ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (2) ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (2) ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

115 Mins (1)

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓
 White Paper Dispenser: ✓
 Hand Dryer Brand: Walmart Sanyo 85 B.N

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

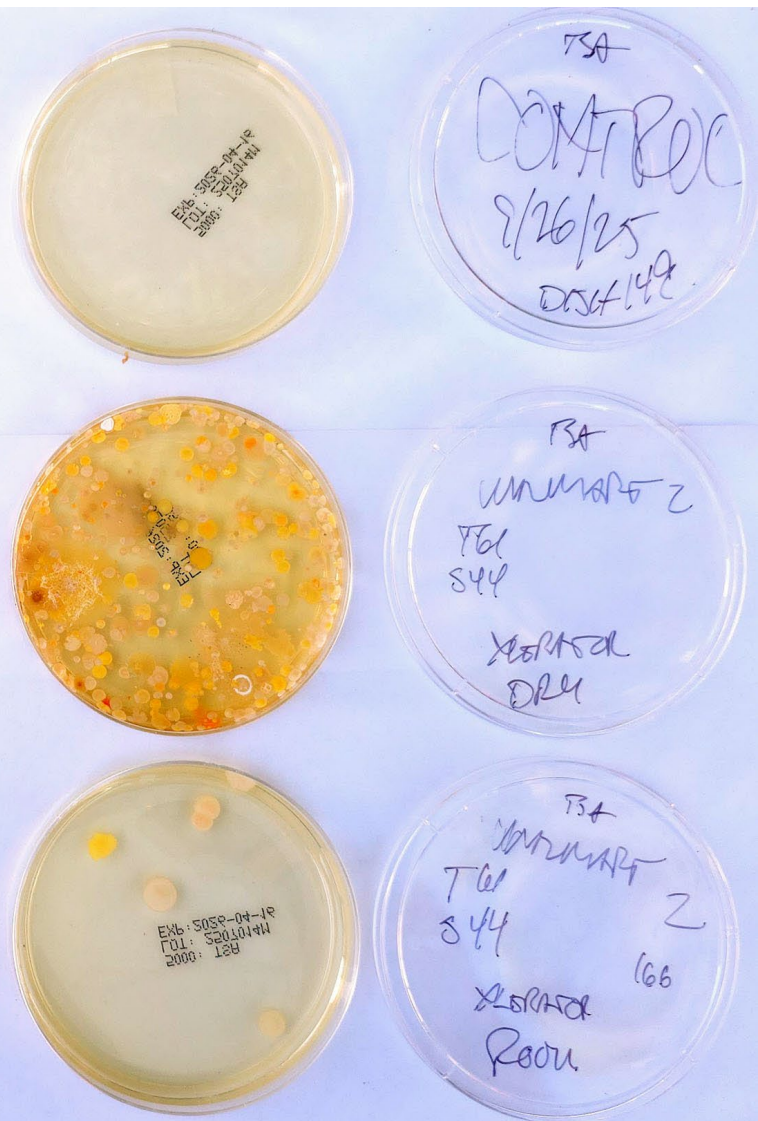
Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (0) ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Walmart
 Width Top (ft): 0
 Width Bottom(ft): 3'
 Height: from dryer/dispenser 0 ----- (10) ----- to floor 10

Area Coverage (0-10) 0 ----- (4) ----- 10

Darkness (0-10): 0 ----- (5) ----- 10

Volume (0-10): 0 ----- (1) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Walmart restroom 2
 Date: 9/27/25 white towels in
 Time: 5:20 PM room with Xerox
 Address:

TEST# 62
 STORE# 04
 RESTROOM# 3
 PETRI DISH #S: 162-167
 CONTROL DISH #S: 149

CHLORO GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

Dirt minus 1-5 (1)

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: /
 White Paper Dispenser: CHLORO
 Hand Dryer Brand: CHLORO

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

Width Bottom (ft): 3

Height: from dryer/dispenser 0 ----- 8 ----- to floor 10

Area Coverage (0-10) 0 ----- 3 ----- 10

Darkness (0-10): 0 ----- 8 ----- 10

Volume (0-10): 0 ----- 2 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Office Filth

Date: 9/27/25

Time: 6:10 PM

Address:

Carusle Pl

TEST# 63

STORE # 45

RESTROOM #: 1

PETRI DISH #S: 70-71

CONTROL DISH #S: 49

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: See Visual Inspection

Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

Width Bottom(ft):

Height: from dryer/dispenser 0 to floor 10

Area Coverage (0-10) 0 10

Darkness (0-10): 0 10

Volume (0-10): 0 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: 56085
 Date: 9/27/25
 Time: 6:15 PM

Address: 10 28085 BURN

ONUSLE 17013

TEST# 69

STORE # 46

RESTROOM #: 1

PETRI DISH #S: 172 175

CONTROL DISH #S: 149

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 9 ----- 0
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 3 ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt 1 Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: GP

White Paper Dispenser: GP

Hand Dryer Brand: GP

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3 ----- 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3 ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

Width Bottom(ft):

Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: First class rd - Empire State
 Date: 8/22/25 ✓
 Time: 6:30 PM - WATER DOWN ✓
 Address: 10 Morris Blvd
Capri 17013
 TEST# 65
 STORE# 47
 RESTROOM# 1
 PETRI DISH #S: 174-175
 CONTROL DISH #S: 174

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (4) ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (3) ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt (1) ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓
 White Paper Dispenser: ✓
 Hand Dryer Brand: 2014N over 570

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (3) ----- 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

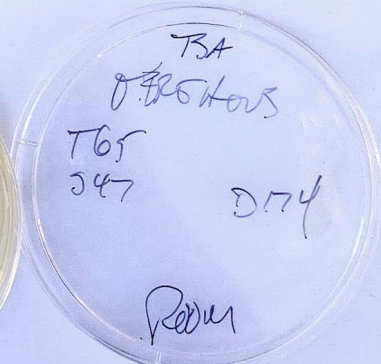
Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (3) ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):
 Width Bottom(ft):
 Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM (HAND DRYING) TUTORIAL: WASH

Store Name: PAKED BOWL

Date: 9/27/21

Time: 3:45 PM

Address: 48 W 10th St

CHICAGO

Store ID: 10

Store # 10

Restroom # 1

Store Manager: [Signature]

Inspector: [Signature]

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Small Paper Toilet: 10 10 10

10 = Clean/Instantly 9 = Slightly Dirty 8 = Dirty

Medium Paper Toilet: 10 10 10

10 = Clean 9 = Slightly Dirty 8 = Dirty

Disinfectant: 10 10 10

10 = Disinfectant 9 = Disinfectant 8 = Disinfectant

Disinfectant: 10 10 10

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: 10 10 10

White Paper Dispenser: 10 10 10

Hand Dryer Brand: 10 10 10

PLUMB OF TUB

Disinfectant: 10 10 10

Note: 10 10 10

Visual Mold Assessment (NOSE/NOSE): 10 10 10

10 = No Mold 9 = Small (less than 1/4") 8 = Medium (between 1/4" and 1/2") 7 = Large (more than 1/2")

Visual Dry Assessment (NOSE/NOSE): 10 10 10

10 = Clean 9 = Light 8 = Dirty 7 = Very Dirty 6 = Very Dirty

Width Top (ft): 10 10 10

Width Bottom (ft): 10 10 10

Height: 10 10 10

Area Coverage (ft²): 10 10 10

Depth (ft): 10 10 10

Volume (ft³): 10 10 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL RUN#

Store Name: 768 604

Date: 9/28/25

Time: 3:28

Address: 1440 Morris Ave
Atlanta GA 30316

TEST# 67

STORE # 67

RESTROOM # 1

PETRI DISH #S: 768 558

CONTROL DISH #S: 80

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale: -10 0 +10
-10 = Gag/Exit Immediately (0 = Neutral/No Odor) +10 = Best

Visual First Impression: 1 3 5
1 = Spotless (2 = Clean (3 = Used (4 = Dirty (5 = Filthy)

Dirt Type, whole room: Dirt#1 3 Microbes 5
1 = Dirt (2 = Dirt/soil/mold (3 = Liquid dirt and mold (4 = Mostly mold (5 = Biohazard

D.R. Ver 1-4 3

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: 558 60701

White Paper Dispenser: 558 60701

Hand Dryer Brand: 558 60701

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 6-8 Scale): 0 2 8
0 = None (1 = Small (2-5x11") (2 = Medium (3-6x11") (3 = Large (7-8x11")

Visual Dirt Assessment (NIOSH 6-8 Scale): 0 3 8
0 = Clean (1 Light = Film/Dust (2 Moderate = Layers/Strains (3 Heavy = Thick buildup

Width Top (ft): 1

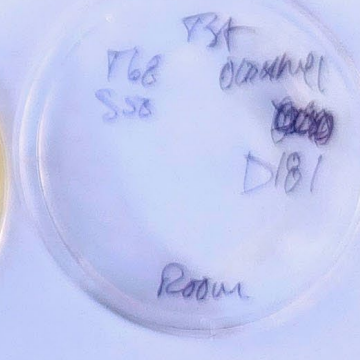
Width Bottom (ft): 2

Height: from dryer/dispenser 0 9 to floor 10

Area Coverage (0-10): 0 7 10

Darkness (0-10): 0 1 10

Volume (0-10): 0 2 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL RUN

Store Name: Old Nihil

Date: 1/28/25

Time: 3:48

Address: 6416 Johnson Ave
West note

TEST# 60

STORE # 50

RESTROOM # L

PETRI DISH #S: 20 40 60 80

CONTROL DISH #S: 10

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale: -10 0 -15
-10 = Gag/Exit immediately (0 = Neutral/No odor) -15 = Bad

Visual First Impression: 1 2 5
1=Spotless (2=Clean) (3=Used) (4=Dirty) (5=Filthy)

Dirty Type, Whole room: Dirty=1 2 Mold=5
1=Dirty (2=Dirty/some mold) (3=equal dirt and mold) (4=mostly mold) (5=Bohazard)

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: -

White Paper Dispenser: -

Hand Dryer Brand: Johnson

PLUME OF FILTH

Dirty: Yes ☐ No

Mold: Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale): 0 1 3
0 = None (1 = Small (e.g. 1/4") (2 = Medium (wheel door size) (3 = Large (wheel door size)

Visual Dirt Assessment (NIOSH 0-3 Scale): 0 2 3
0 = Clean (1 Light = Film/dust) (2 Moderate = Layers/streaks) (3 Heavy = Thick buildup)

Width Top (ft): 2'

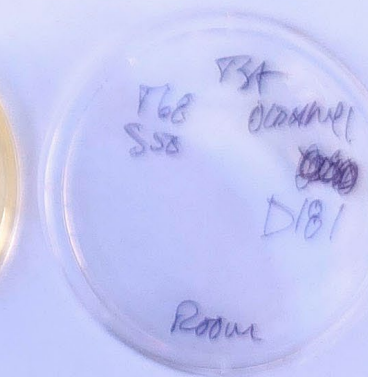
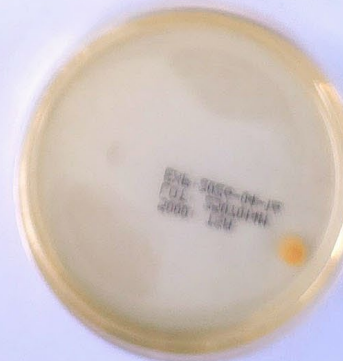
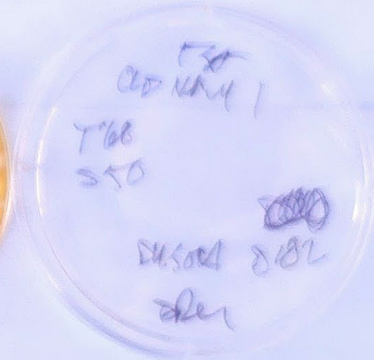
Width Bottom (ft): 5'

Height: from dryer/dispenser 0 to floor 10

Area Coverage (0-10): 0 5 10

Darkness (0-10): 0 5 10

Volume (0-10): 0 5 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: ADK 414

Date: 9/28/25

Time: 4:10 PM

Address: West 17th St

TEST# 69

STORE # 53

RESTROOM #: 2

PETRI DISH #S: B3-104

CONTROL DISH #S: 60

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (1) ----- 0 ----- +10

-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (2) ----- 5

1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (5) ----- Microbes=5

1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: /

White Paper Dispenser: /

Hand Dryer Brand: DYSON AIRFLY

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3

0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Filth Assessment (NIOSH 0-3 Scale) (0) ----- 3

0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2

Width Bottom (ft): 3

Height: from dryer/dispenser 0 ----- to floor (10)

Area Coverage (0-10) 0 ----- (5) ----- 10

Darkness (0-10): 0 ----- (8) ----- 10

Volume (0-10): 0 ----- (8) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: LL BORN

Date: 9/28/25

Time: 4:58

Address: 6046 CHURCH ST
WASH DC 20014

*very dirty
room
tiny plume
above SS
TOWEL dispenser*

TEST# 70

STORE # 57

RESTROOM #: 1

PETRI DISH #S: 105-106

CONTROL DISH #S: 100

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 4 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 2 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 2 Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: EXHAUSTION SS W/ WIP

White Paper Dispenser: X

Hand Dryer Brand: X

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 1 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): /

Width Bottom(ft): /

Height: from dryer/dispenser 0 5 to floor 10

Area Coverage (0-10) 0 2 10

Darkness (0-10): 0 4 10

Volume (0-10): 0 1 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: POTCO
 Date: 1/20/25
 Time: 5:00 PM
 Address: 6416 CRUISE RD
MOIST MOIST

TEST# 71
 STORE # 52
 RESTROOM #: 1
 PETRI DISH #S: 187-188
 CONTROL DISH #S: 81

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser:
 White Paper Dispenser: Full on counter
 Hand Dryer Brand:

PLUME OF FILTH

Dirt: ☒ Yes ☐ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):
 Width Bottom(ft): 3
 Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: MOBS SOUTH

Date: 9/28/25

Time: 5:15 PM

Address:

WANT RZ 17050

TEST# 72

STORE # 52

RESTROOM #: 1

PETRI DISH #S: 88-180

CONTROL DISH #S: 88

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 2 ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- 2 ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: XPRESS AIR - TRASH UNDER KENY

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 0 ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 0 ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

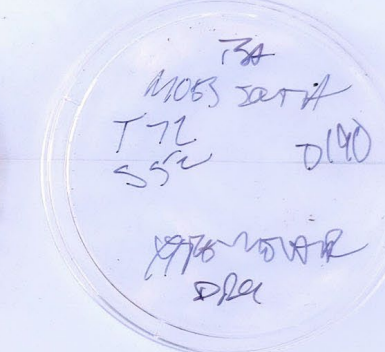
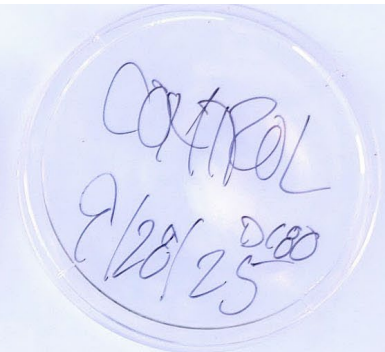
Width Bottom(ft): 1

Height: from dryer/dispenser 0 ----- 10 ----- to floor 10

Area Coverage (0-10) 0 ----- 0 ----- 10

Darkness (0-10): 0 ----- 0 ----- 10

Volume (0-10): 0 ----- 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Woburn

Date: 9/28/25

Time: 7:00 pm

Address: 6400 Valley St Woburn MA 01801

TEST# 73

STORE # 75

RESTROOM #: 1

PETRI DISH #S: 7-19c

CONTROL DISH #S: 190

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 2 3 4 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt: 1 Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: Good ss full w/ wadded paper

Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 1 2 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 1 2 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 0

Width Bottom(ft): 1

Height: from dryer/dispenser 0 to floor 10

Area Coverage (0-10) 0 10

Darkness (0-10): 0 10

Volume (0-10): 0 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Kohls
 Date: 9/28/25
 Time: 5:58 PM
 Address: MOCA 17850

WASH - Bathroom
NO DRY
BROWN PAPER
ROUTE
15 minutes

TEST # 74
 STORE # 54
 RESTROOM # 1
 PETRI DISH #S: 195-194
 CONTROL DISH #S: 195

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (-10) ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (2) ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: FULL WML 55-571

White Paper Dispenser:

Hand Dryer Brand:

PLUME OF FILTH

Dirt: ☐ Yes ☐ No

Mold: ☐ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (0) ----- 3
 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (0) ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

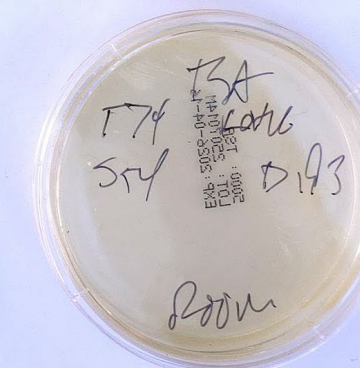
Width Bottom (ft): 1

Height: from dryer/dispenser 0 ----- (to floor 10)

Area Coverage (0-10) 0 ----- (0) ----- 10

Darkness (0-10): 0 ----- (0) ----- 10

Volume (0-10): 0 ----- (0) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: GIANT #1

Date: 9/29/25

Time: 12:00 PM

Address: 5301 SIMPSON RD
MCLEOD 2 17055

TEST# 75

STORE# 55

RESTROOM# 1

PETRI DISH #S: 145-196

CONTROL DISH #S: 197

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 (-3) 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (3) 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 (3) Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

DIRTY 1-5 (2)

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser:

White Paper Dispenser:

Hand Dryer Brand: PROCTOR - SS MICRAZ

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 (2) 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 (2) 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2

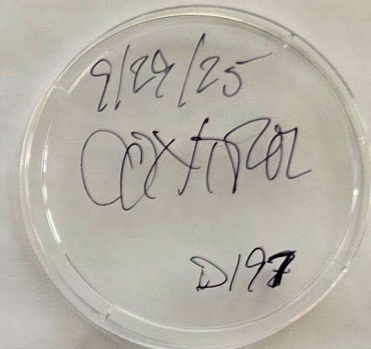
Width Bottom(ft): ✓

Height: from dryer/dispenser 0 (10) to floor 10

Area Coverage (0-10) 0 (3) 10

Darkness (0-10): 0 (2) 10

Volume (0-10): 0 (2) 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: GRANT #2
 Date: 9/24/25
 Time: 12:15 PM
 Address: 5301 SIMPSON

TEST# 76
 STORE # 55
 RESTROOM #: 2
 PETRI DISH #S: 198-199
 CONTROL DISH #S: 197

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (-3) ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (4) ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (3) ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒
 White Paper Dispenser: ☒
 Hand Dryer Brand: KLONOR ECO

PLUME OF FILTH

Dirt: ☒ Yes ☐ No
 Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (3) ----- 3
 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (3) ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 3'
 Width Bottom(ft): 6'
 Height: from dryer/dispenser 0 ----- to floor (10)

Area Coverage (0-10) 0 ----- (6) ----- 10

Darkness (0-10): 0 ----- (7) ----- 10

Volume (0-10): 0 ----- (6) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: DUNKIN DONUTS

Date: 9/29/25

Time: 1:15 PM

Address: 1100 E SIMPSON BLVD

17055

TEST# 77

STORE# 36

RESTROOM# 1

PETRI DISH #S: 20, 201

CONTROL DISH #S: 97

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 (+1) ----- +10

-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (2) ----- 5

1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 (2) ----- Microbes=5

1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

Visuals 1-5 (2)

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: Ward

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- (3) ----- 3

0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- (3) ----- 3

0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'

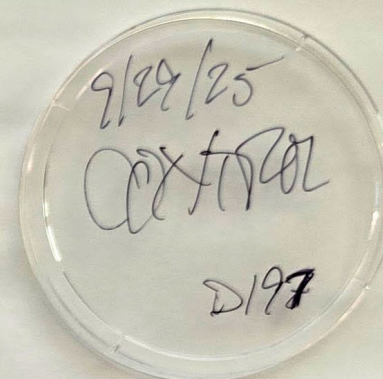
Width Bottom(ft): 1'

Height: from dryer/dispenser 0 ----- (6) ----- to floor 10

Area Coverage (0-10) 0 ----- (3) ----- 10

Darkness (0-10): 0 ----- (4) ----- 10

Volume (0-10): 0 ----- (3) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Grocery Outlet
 Date: 9/29/25
 Time: 1:40
 Address: 5780 SIMPSON FARM RD
MCKINNEY, TX 75055

TEST# 78

STORE # 57

RESTROOM # 1

PETRI DISH #S: 206, 207

CONTROL DISH #S: 97

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (7) ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (3) ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (4) ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: DYSON ABSOLUTE HP4

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2'

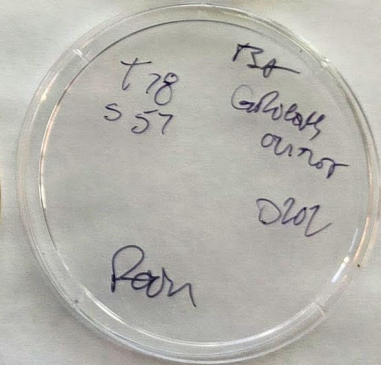
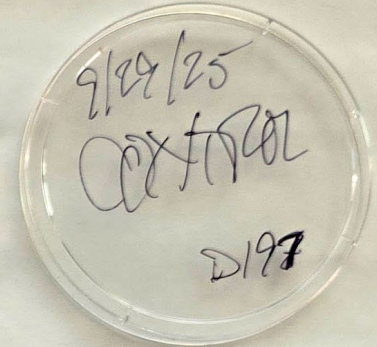
Width Bottom(ft): 6'

Height: from dryer/dispenser 0 ----- (6) ----- to floor 10

Area Coverage (0-10) 0 ----- (6) ----- 10

Darkness (0-10): 0 ----- (6) ----- 10

Volume (0-10): 0 ----- (4) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Grocery Mart 2

Date: 9/29/25

Time: 1:50

Address: 5100 S. Highway 100, Rm 1055

TEST# 79

STORE # 57

RESTROOM # 2

PETRI DISH #S: 204, 205

CONTROL DISH #S: 97

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (1) ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (3) ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (1) ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: ✓

Hand Dryer Brand: Dyson Airblade V Hyper

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (1) ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'

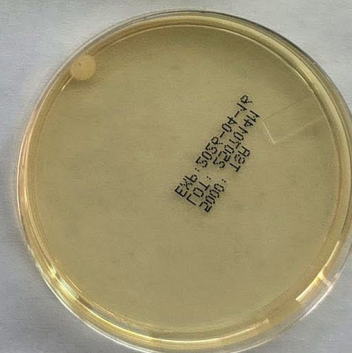
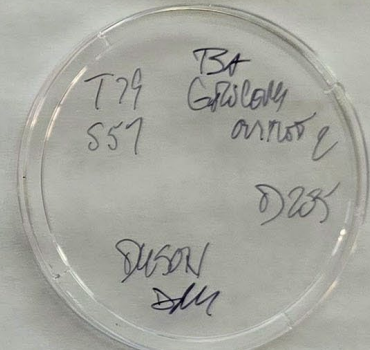
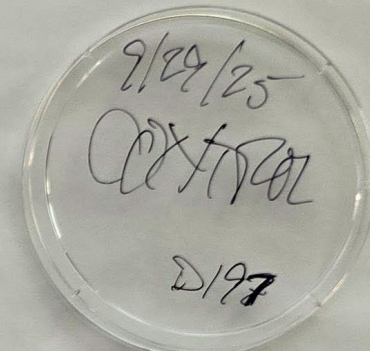
Width Bottom (ft): 7'

Height: from dryer/dispenser 0 ----- to floor (10)

Area Coverage (0-10) 0 ----- (1) ----- 10

Darkness (0-10): 0 ----- (6) ----- 10

Volume (0-10): 0 ----- (1) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: SHETZ

Date: 9/29/25

Time: 7:20 AM

Address: 5201 JIMSON BLVD
MODALAKOS BLVD 17035

TEST# 80

STORE # 58

RESTROOM #: 1

PETRI DISH #S: 207-208

CONTROL DISH #S: 206

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10

-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (3) ----- 5

1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (3) ----- Microbes=5

1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: SH JAMAR NOTION

White Paper Dispenser:

Hand Dryer Brand:

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3

0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3

0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

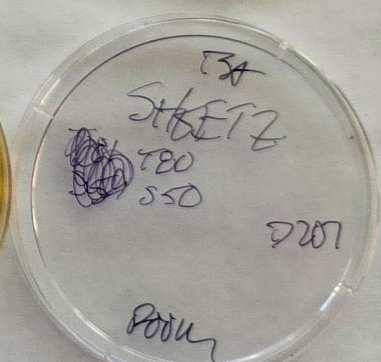
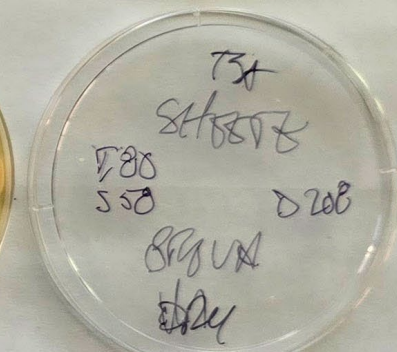
Width Bottom (ft): 2

Height: from dryer/dispenser 0 ----- (3) ----- to floor (0)

Area Coverage (0-10) 0 ----- (3) ----- 10

Darkness (0-10): 0 ----- (3) ----- 10

Volume (0-10): 0 ----- (3) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: TURKEY
 Date: 9/29/25
 Time: 2:35 PM
 Address: 5150 SAMPSON FERRY
MCH 7057

GREEN
PLUME OF
FILTH!
XOXOXOX

TEST# 81

STORE # 59

RESTROOM #: 1

PETRI DISH #S: 209, 210

CONTROL DISH #S: 206

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: Malvern

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 2 ----- 3
 0 = None | 1 = Small ($\leq 8.5 \times 11"$) | 2 = Medium ($> \text{sheet door size}$) | 3 = Large ($> \text{sheet door size}$)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3 -----
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2'

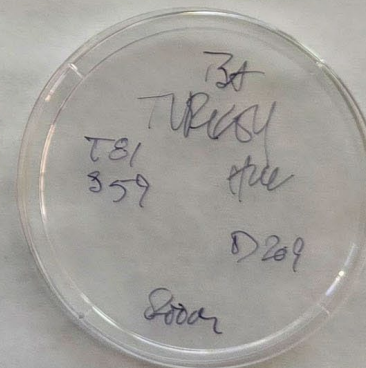
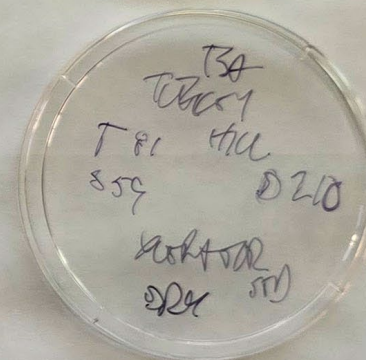
Width Bottom (ft): 5'

Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 7 ----- 10

Darkness (0-10): 0 ----- 8 ----- 10

Volume (0-10): 0 ----- 8 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: 5010 6th Ave NW

Date: 8/29/25

Time: 3:05 PM

Address: 5010 6th Ave NW

17053

TEST# 81

STORE # 60

RESTROOM #: 1

PETRI DISH #S: 211, 212

CONTROL DISH #S: 206

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (1) 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (3) ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=(1) Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: -

White Paper Dispenser: SS

Hand Dryer Brand: SS

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) (0) ----- 3
0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) (2) ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'

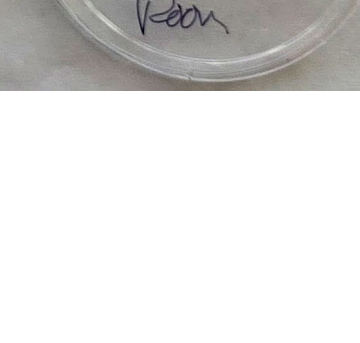
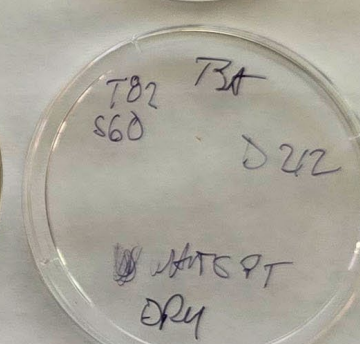
Width Bottom (ft): 3'

Height: from dryer/dispenser 0 ----- (10) to floor

Area Coverage (0-10) 0 ----- (5) ----- 10

Darkness (0-10): 0 ----- (4) ----- 10

Volume (0-10): 0 ----- (3) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: 8757 TRUNKS DANCE 5008

Date: 9/24/25

Time: 3:20

Address: 5008 E TRUNKS RD
WALK HILL BLVD TX 75055

TEST# 83

STORE # 61

RESTROOM #: 1

PETRI DISH #S: 213-214

CONTROL DISH #S: 216

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (0) ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (2) ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt: 1 ----- Microbes: 5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

Vol 1-5

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: SS TRAP

Hand Dryer Brand: ---

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) (0) ----- 3
0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) (0) ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 0

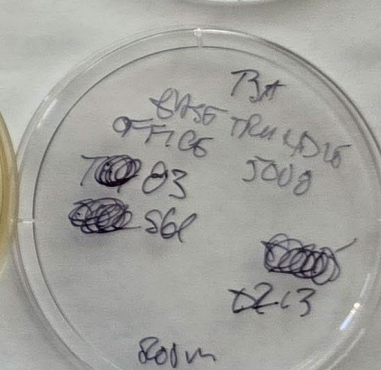
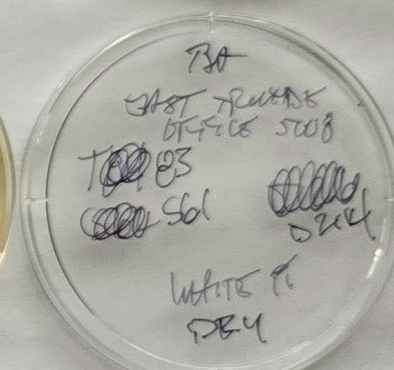
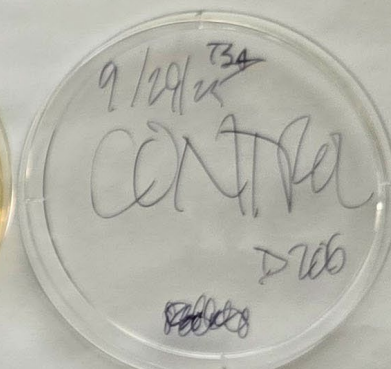
Width Bottom(ft): 2

Height: from dryer/dispenser 0 ----- to floor (10)

Area Coverage (0-10) (0) ----- 10

Darkness (0-10): (0) ----- 10

Volume (0-10): (0) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: GLANT

Date: 9/29/25

Time: 3:50

Address: 3301 E PLUMMER RD

CAMP 411 17011

TEST# 84

STORE# 62

RESTROOM# 1

PETRI DISH #S: 25-26

CONTROL DISH #S: 26

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 (2) 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (4) 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 (4) Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

DIRT IN 1-5

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: KORADOR SD

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 (3)
0 = None | 1 = Small ($\leq 8.5 \times 11"$) | 2 = Medium ($>$ sheet door size) | 3 = Large ($>$ sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 (3)
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2'

Width Bottom(ft): 7'

Height: from dryer/dispenser 0 to floor (10)

Area Coverage (0-10) 0 (10)

Darkness (0-10): 0 (10)

Volume (0-10): 0 (10)



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: ARBY'S Waukegan
 Date: 9/29/25
 Time: 5:32 PM
 Address: 32 S Grand St
Camp Hill PA 17011

TEST# 85

STORE # 65

RESTROOM #: 1W

PETRI DISH #S: 217-28

CONTROL DISH #S: 266

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (0) ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (2) ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (2) ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

1-5 (1)

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: FLORIDA STD

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (1) ----- 3
 0 = None | 1 = Small ($\leq 8.5 \times 11$ ") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (1) ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 6'

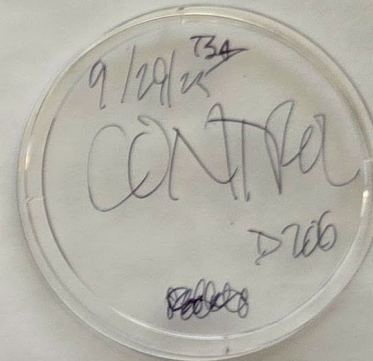
Width Bottom (ft): 2'

Height: from dryer/dispenser 0 ----- to floor (10)

Area Coverage (0-10) 0 ----- (4) ----- 10

Darkness (0-10): 0 ----- (1) ----- 10

Volume (0-10): 0 ----- (1) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: ARBUS WORKS

Date: 9/24/24

Time: 5:40 PM

Address: 32 S 3rd St
Camp Hill PA 17011

TEST# 86

STORE # 63

RESTROOM #: 24

PETRI DISH #S: 24-20

CONTROL DISH #S: 24-

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 (-1) 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (2) 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 (5) Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: JOHNSON

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 (3) 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 (2) 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

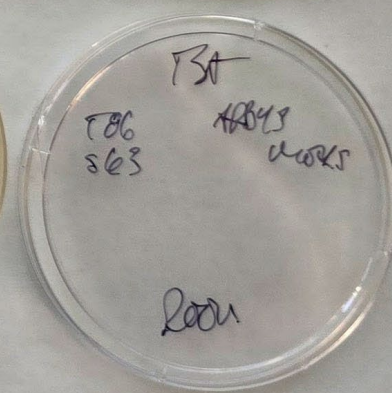
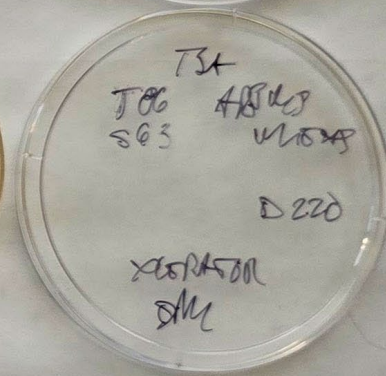
Width Bottom(ft):

Height: from dryer/dispenser 0 to floor 10

Area Coverage (0-10) 0 (4) 10

Darkness (0-10): 0 (7) 10

Volume (0-10): 0 (4) 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: CATPOTUS

Date: 2/29/25

Time: 6:25

Address: 3216 E TRAMMERS RD
CH 17017

TEST # 87

STORE # 68

RESTROOM # 1

PETRI DISH #S: 26, 22

CONTROL DISH #S: 26

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (2) ----- 0 ----- +10

-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (2) ----- 5

1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (4) ----- Microbes=5

1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

Just 1-5 (3)

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: WELDON FALKE

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3

0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3

0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2'

Width Bottom (ft): 6'

Height: from dryer/dispenser 0 ----- (6) ----- to floor 10

Area Coverage (0-10) 0 ----- (8) ----- 10

Darkness (0-10): 0 ----- (2) ----- 10

Volume (0-10): 0 ----- (8) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: BHAYES + KOLLE

Date: 9/29/25

Time: 6:52

Address:

TEST # 88

STORE # 65

RESTROOM # 1

PETRI DISH #S: 223, 224

CONTROL DISH #S: 206

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 (-7) 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (3) 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 (4) Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: GP OK WORKING

White Paper Dispenser: ✓

Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 (1) 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 (1) 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 0

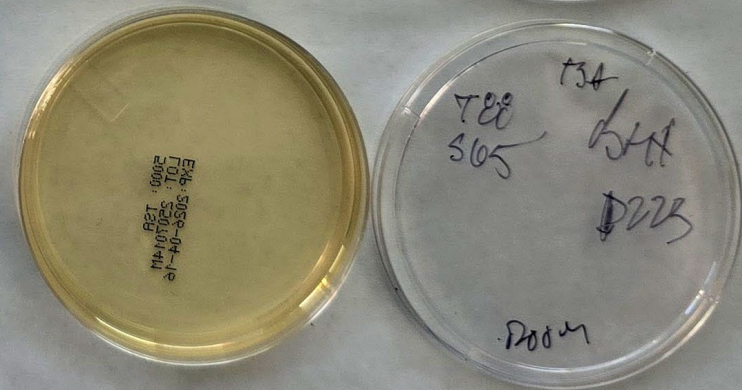
Width Bottom(ft): 2

Height: from dryer/dispenser 0 _____ to floor (10)

Area Coverage (0-10) 0 (0) 10

Darkness (0-10): 0 (0) 10

Volume (0-10): 0 (0) 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: PHOTO
 Date: 9/29/25
 Time: 6:57 PM
 Address: 1500 Amphlett Ave
CA 94025

TEST# 89

STORE # 66

RESTROOM #: 1

PETRI DISH #S: 225, 226

CONTROL DISH #S: 206

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 7 +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 3 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 3 Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: TOOK WORK
 White Paper Dispenser: X
 Hand Dryer Brand: X

PLUME OF FILTH

Dirt: ☒ Yes ☐ No
 Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 2 3
 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 2 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

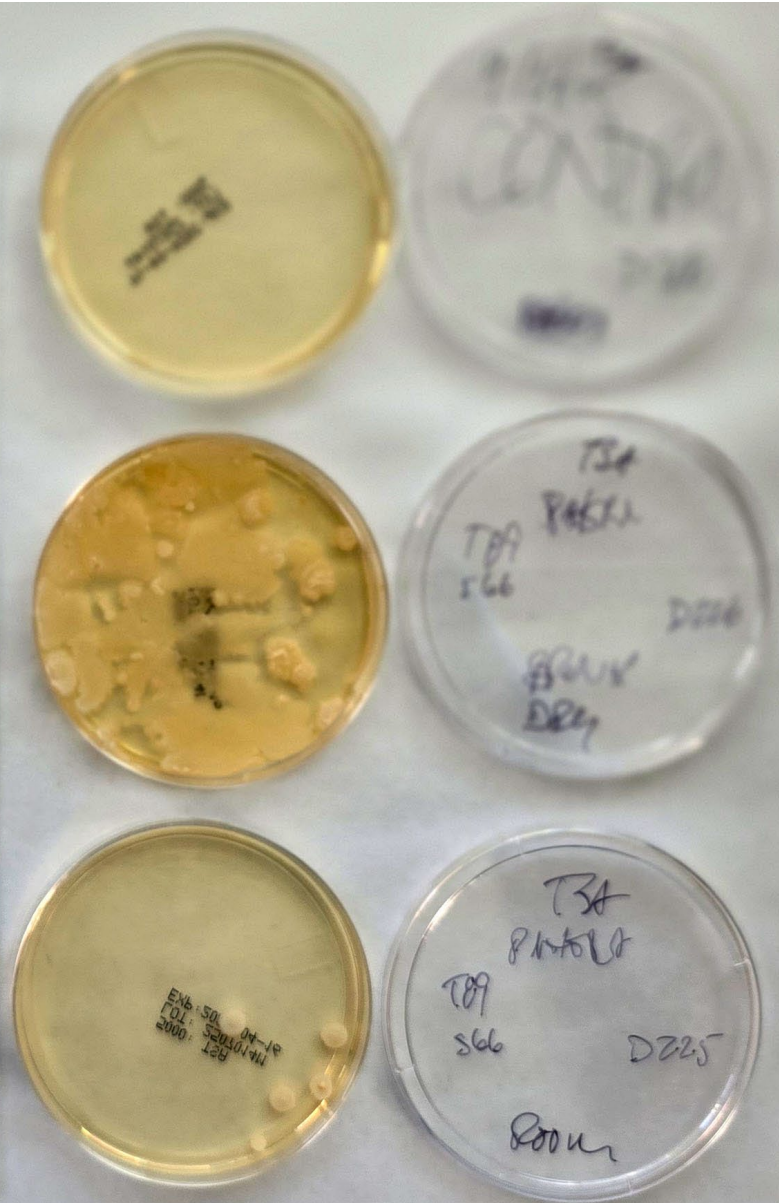
Width Bottom (ft): 3

Height: from dryer/dispenser 0 _____ to floor 10

Area Coverage (0-10) 0 2 10

Darkness (0-10): 0 2 10

Volume (0-10): 0 2 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: STAPLES

Date: 9/29/24

Time:

Address:

TEST# 90

STORE # 67

RESTROOM #: 1

PETRI DISH #S: 227-228

CONTROL DISH #S: 206

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 (4) 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (4) 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 (2) Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: ROLL TOWELS W/ING

Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 _____ 3
0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 _____ 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

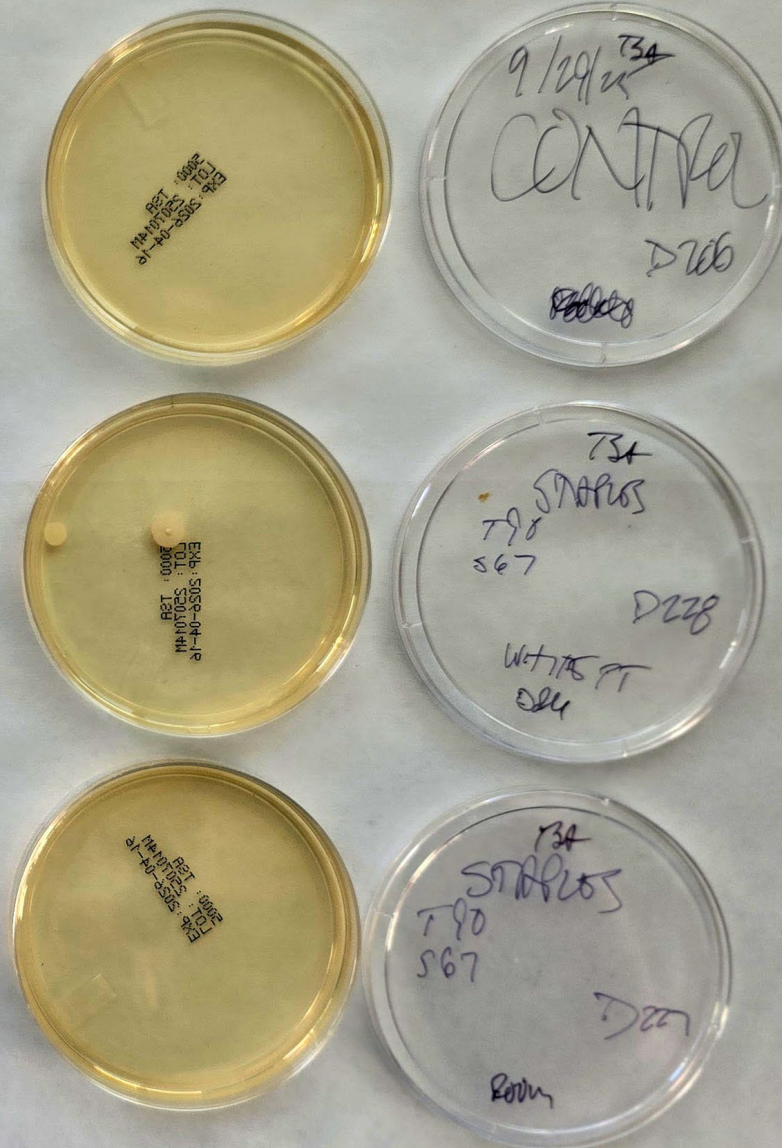
Width Bottom(ft):

Height: from dryer/dispenser 0 _____ to floor 10

Area Coverage (0-10) 0 _____ 10

Darkness (0-10): 0 _____ 10

Volume (0-10): 0 _____ 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: MODUS-10
 Date: 9/29/21
 Time: 7:20 PM
 Address:

TEST# 9
 STORE # 08
 RESTROOM #: 1
 PETRI DISH #S: 245, 246
 CONTROL DISH #S: 24

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 0 +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 5 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt 1-3 Microbes 5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: TRIFOLD 55 WITH THERM
 White Paper Dispenser: -
 Hand Dryer Brand: -

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 3
 0 = None | 1 = Small (x8.5x11") | 2 = Medium (sheet door size) | 3 = Large (sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

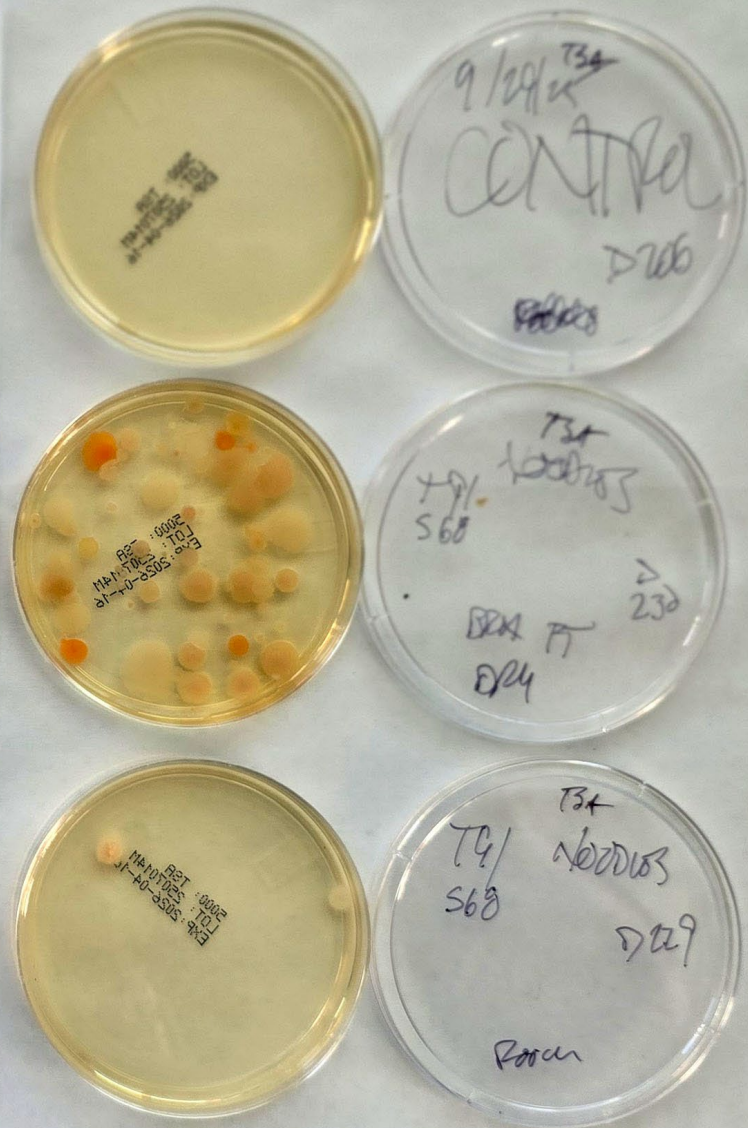
Width Bottom(ft):

Height: from dryer/dispenser 0 10 to floor

Area Coverage (0-10) 0 10

Darkness (0-10): 0 10

Volume (0-10): 0 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: BUSCANS

Date: 9/29/25

Time: 7:35 pm

Address:

TEST# 92

STORE # 69

RESTROOM #: 1

PETRI DISH #S: 230-231

CONTROL DISH #S: 206

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 13 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 3 ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- 2 ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: BRUNNEN

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 2 ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 2 ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

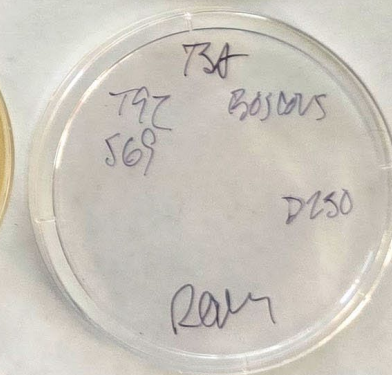
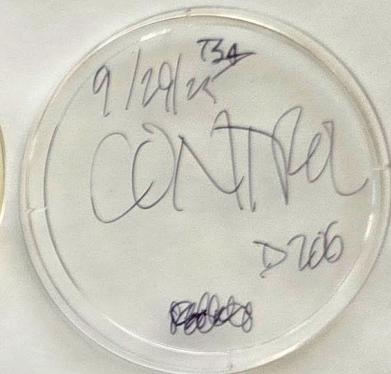
Width Bottom (ft): 2

Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 2 ----- 10

Darkness (0-10): 0 ----- 2 ----- 10

Volume (0-10): 0 ----- 2 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: PT Santa

Date: 9/30/25

Time: 12:57

Address:

TEST# 93

STORE # 70

RESTROOM #: 1

PETRI DISH #S: 232-233

CONTROL DISH #S: 240

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 (4) ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirty ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

Dirt on floor 1-5 (1)

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: Hand dryers used

White Paper Dispenser: Hand dryers used

Hand Dryer Brand: Hand dryers used

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

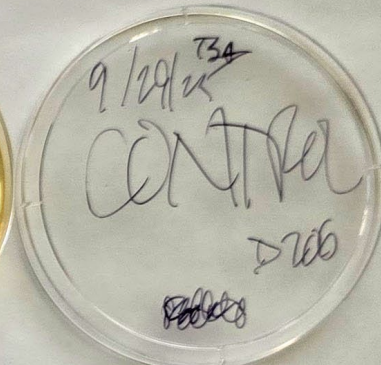
Width Bottom(ft):

Height: from dryer/dispenser 0 ----- to floor/10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Arden Furniture

Date: 9/30/25

Time: 1:11

Address:

TEST# 94

STORE # 71

RESTROOM #: 1

PETRI DISH #S: 254 255

CONTROL DISH #S: 240

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 2 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=2 Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: TRIFOLD ON CONTROL

White Paper Dispenser: -

Hand Dryer Brand: -

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 1 3
0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 1 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

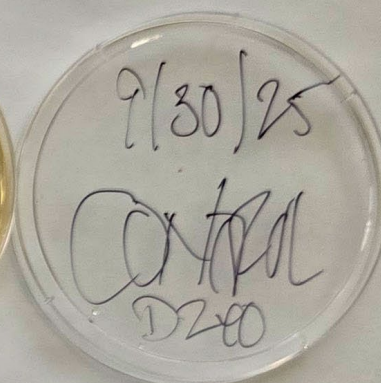
Width Bottom(ft):

Height: from dryer/dispenser 0 1 to floor 10

Area Coverage (0-10) 0 1 10

Darkness (0-10): 0 1 10

Volume (0-10): 0 1 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Asbury Furniture and Home Decor
 Date: 9/30/25
 Time: 1:20 PM
 Address: _____

TEST # 95

STORE # 71

RESTROOM #: 1

PETRI DISH #S: 296, 237

CONTROL DISH #S: 210

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: WORLD DIRECT THERM

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'

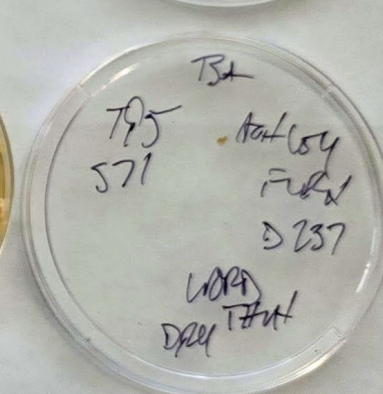
Width Bottom (ft): 4'

Height: from dryer/dispenser 0 ----- to floor 10'

Area Coverage (0-10) 0 ----- 8 ----- 10

Darkness (0-10): 0 ----- 2 ----- 10

Volume (0-10): 0 ----- 2 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: HOMES DEPOT

Date: 9/30/25

Time: 1:55 PM

Address: CHURCH PK

WECHEA MOBILE

TEST# 96

STORE # 72

RESTROOM # 1

PETRI DISH #S: 238, 239

CONTROL DISH #S: 240

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 (3) 0 +10

-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (4) 5

1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 (4) Microbes=5

1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

Observed 1-5 (3)

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: ROTORATOR 570

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 (2) 3

0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 (2) 3

0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2'

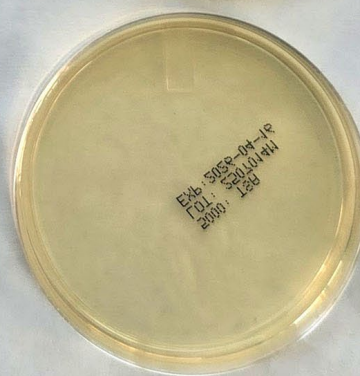
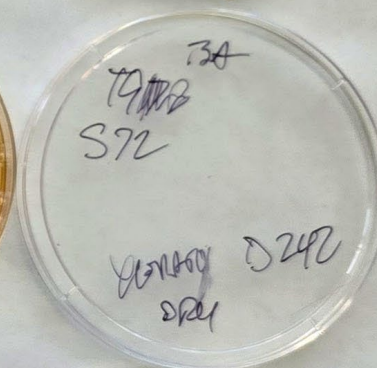
Width Bottom(ft): 6'

Height: from dryer/dispenser 0 (10) to floor

Area Coverage (0-10) 0 (8) 10

Darkness (0-10): 0 (7) 10

Volume (0-10): 0 (6) 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Home Depot DPT SLUG
 Date: 9/30/25 BSJ
 Time: 1:45 PM
 Address: CHRYSLER PK
MCD 26 1750

TEST# 97
 STORE # 72
 RESTROOM # 1
 PETRI DISH #S: 797, 572
 CONTROL DISH #S: 240

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 0 +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best
 Visual First Impression 1 3 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy
 Dirt Type, whole room Dirt=1 3 Microbes=5
 1=Dirty | 2=Dirty/some mold | 3=some dirt and mold | 4=mostly mold | 5=Biohazard
UR 1-5

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: 2647444
 White Paper Dispenser: ✓
 Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☒ Yes ☐ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'
 Width Bottom(ft): 3'
 Height: from dryer/dispenser 0 10 to floor 10

Area Coverage (0-10) 0 2 10

Darkness (0-10): 0 1 10

Volume (0-10): 0 1 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: WALSH'S

Date: 9/30/25

Time: 2:50 PM

Address:

421/515 PC WHEEL 17058

TEST# 98

STORE # 73

RESTROOM #: 1

PETRI DISH #S: 243-244

CONTROL DISH #S: 240

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (0) ----- +10

-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (3) ----- 5

1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (3) ----- Microbes=5

1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

vol 1-5

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: PORTAL SWATHAS SS BIN

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3

0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (1) ----- 3

0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2'

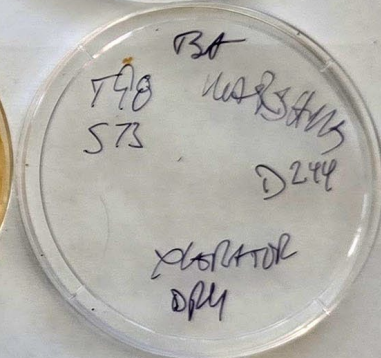
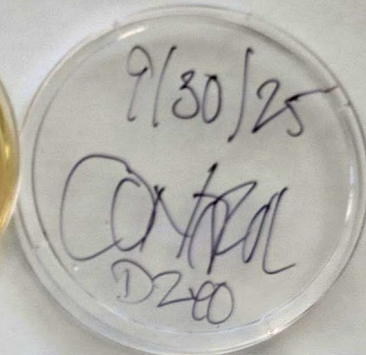
Width Bottom(ft): 5'

Height: from dryer/dispenser 0 ----- to floor (10)

Area Coverage (0-10) 0 ----- (6) ----- 10

Darkness (0-10): 0 ----- (2) ----- 10

Volume (0-10): 0 ----- (7) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: *Brunswick*

Date: *9/30/25*

Time: *2:50pm*

Address: *1000 S. 1st St.*

1000 S. 1st St.

TEST# *99*

STORE # *74*

RESTROOM #: *1*

PETRI DISH #S: *24-226*

CONTROL DISH #S: *24*

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- *(0)* ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- *(3)* ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- *(2)* ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

Vol 1-5 *(2)*

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☒

Hand Dryer Brand: *Exotherm*

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☒ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- *(2)* ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- *(2)* ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): *2'*

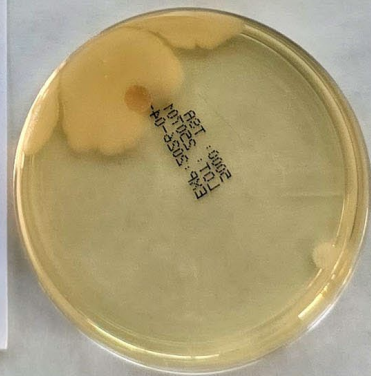
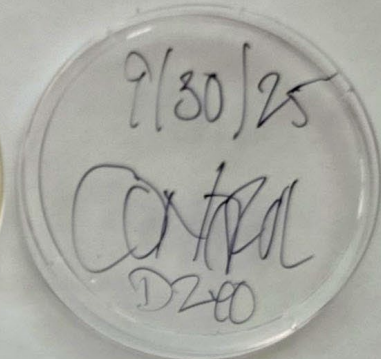
Width Bottom (ft): *3'*

Height: from dryer/dispenser 0 ----- *(10)* ----- to floor

Area Coverage (0-10) 0 ----- *(7)* ----- 10

Darkness (0-10): 0 ----- *(7)* ----- 10

Volume (0-10): 0 ----- *(6)* ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: HOBBY LOBBY

Date: 9/30

Time: 3:02

Address: CHURCH 17080

DIRT SLUR
TEST

TEST# 100

STORE # 75

RESTROOM #: 1

PETRI DISH #: 247-248

CONTROL DISH #: 240

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 2 ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- 2 ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒ Yes ☐ No

White Paper Dispenser: GP EXAMINATION

Hand Dryer Brand: ☒ Yes ☐ No

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 1 ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1'

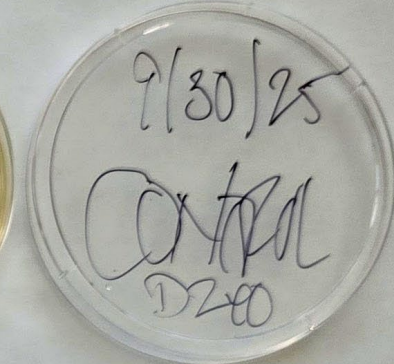
Width Bottom(ft): 3'

Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 2 ----- 10

Darkness (0-10): 0 ----- 1 ----- 10

Volume (0-10): 0 ----- 1 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: L.A. MEXICAN RESTAURANT

Date: 9/30/25

Time: 6:58 PM

Address: 6445 CHAUSSEY
Mt N PL 17050

TEST# 104

STORE# 79

RESTROOM# 1

PETRI DISH #S: 289, 288

CONTROL DISH #S: 287

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 2 ----- 3
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: TRIPLES ON COUNTERS

Hand Dryer Brand: ---

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 1 ----- 2 ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 1 ----- 2 ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

Width Bottom(ft):

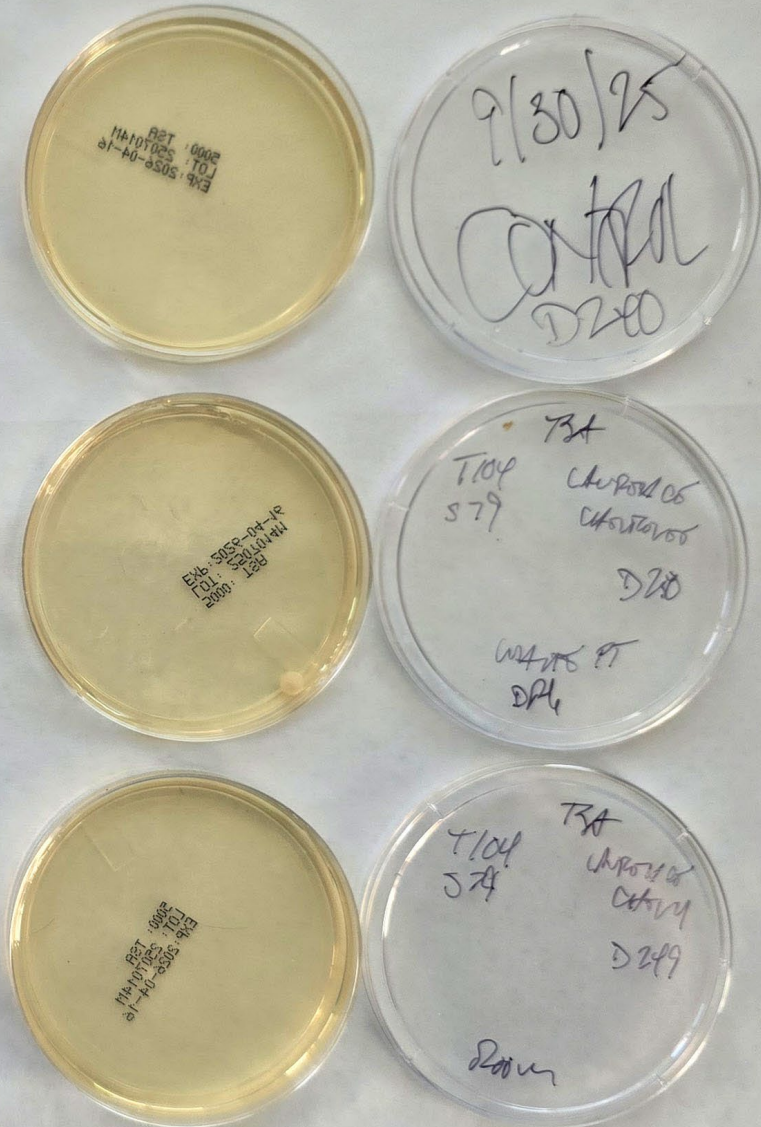
Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10

287 288



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: ITMUA #1 GOTTI'S WHITE OVEN
 Date: 10/1/25
 Time: 3:45 PM
 Address: 2309 PHOTOD RD
HABE 1712

TEST# 106
 STORE # 81
 RESTROOM #: 1
 PETRI DISH #S: 51-212
 CONTROL DISH #S: 833

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (-3) ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (3) ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (3) ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=some dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: 2
 White Paper Dispenser: OVERSOLD CONTROL
 Hand Dryer Brand: 2

PLUME OF FILTH

Dirt: ☐ Yes ☐ No N/A
 Mold: ☐ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

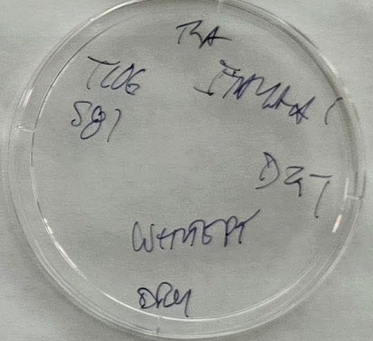
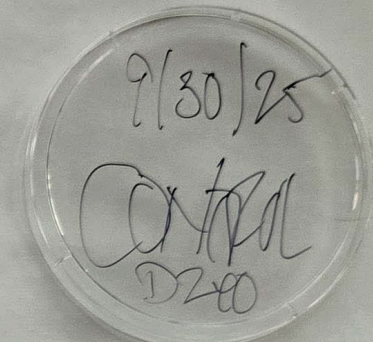
Width Bottom(ft):

Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: ITMART #2 COTTIS 8800 8800
 Date: 10/1/25
 Time: 3:45 PM
 Address: 2308 PATAH RD
486 1702

TEST# 107
 STORE # 81
 RESTROOM #: 1
 PETRI DISH #S: 289-258
 CONTROL DISH #S: 289

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (3) ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (3) ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (3) ----- Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: 0884 701 Fax 8800
 White Paper Dispenser: ✓
 Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☐ Yes ☐ No
 Mold: ☐ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

Width Bottom(ft):

Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: CRASH CANNERY OUT

TEST# 108

Date: 10/1/25

STORE # 82

Time: 4:20 PM

RESTROOM #: L

Address: 4901 LUMBURGS BLVD

PETRI DISH #S: 256-257

ASB PA 17112

CONTROL DISH #S: 33

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 0 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 0 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt 1 Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

UN 0

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: MAKER - UNDER SINK

Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☒ Yes ☐ No
Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 3
0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 1

Width Bottom(ft): 3

Height: from dryer/dispenser 0 10 to floor 10

Area Coverage (0-10) 0 10 10

Darkness (0-10): 0 10 10

Volume (0-10): 0 10 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: 1250 N Mountain RD OFFICE

Date: 10/1/25

Time: 4:45 PM

Address: 1250 N Mountain RD
486 PL 17112

TEST# 109

STORE # 85

RESTROOM #: 1

PETRI DISH #S: 253, 254

CONTROL DISH #S: 33

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: white for moisture

Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☒ Yes ☒ No
Mold: ☒ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3
0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

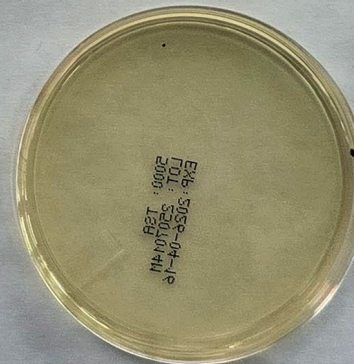
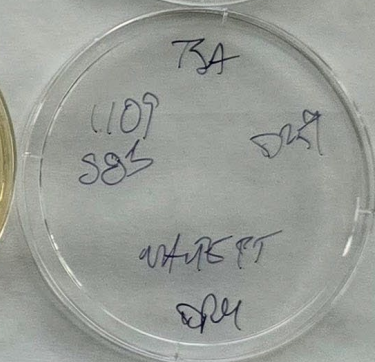
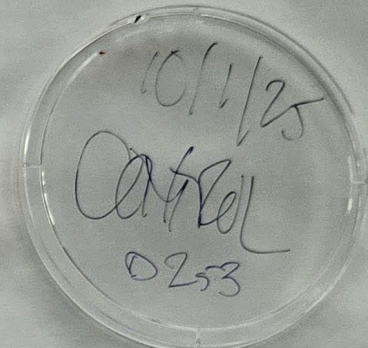
Width Bottom(ft):

Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Canada Inn
 Date: 10/1/25
 Time: 5:20pm
 Address: 300 S. Mountain Rd
HBG 17112

TEST# 110

STORE # 84

RESTROOM #: 1

PETRI DISH #S: 240-266

CONTROL DISH #S: 253

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 _____ 0 _____ +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 _____ 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 _____ Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒
 White Paper Dispenser: SS Generic 72 Fold
 Hand Dryer Brand: —

PLUME OF FILTH

Dirt: ☒ Yes ☐ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 _____ 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 _____ 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 0

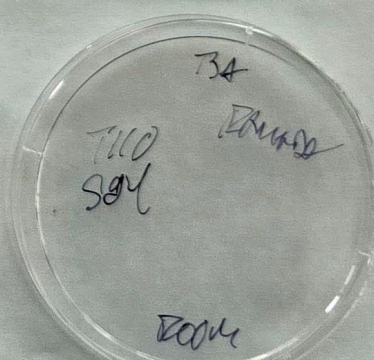
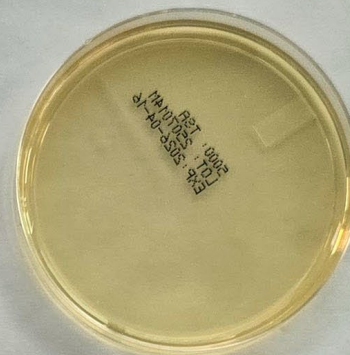
Width Bottom(ft): 0

Height: from dryer/dispenser 0 _____ to floor 18

Area Coverage (0-10) 0 1 _____ 10

Darkness (0-10): 0 0 _____ 10

Volume (0-10): 0 0 _____ 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: TJ HOSP
 Date: 10/2/25
 Time: 8:25 AM
 Address: 1101 Oakes Drive

TEST# 111
 STORE # 85
 RESTROOM #: 1
 PETRI DISH #S: 262, 263
 CONTROL DISH #S: 272

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 2 ----- 0 ----- +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 5 ----- 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt: 1 Microbes: 5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒
 White Paper Dispenser: 5 Star Free
 Hand Dryer Brand: 5 Star Free

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3 ----- 3
 0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3 ----- 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

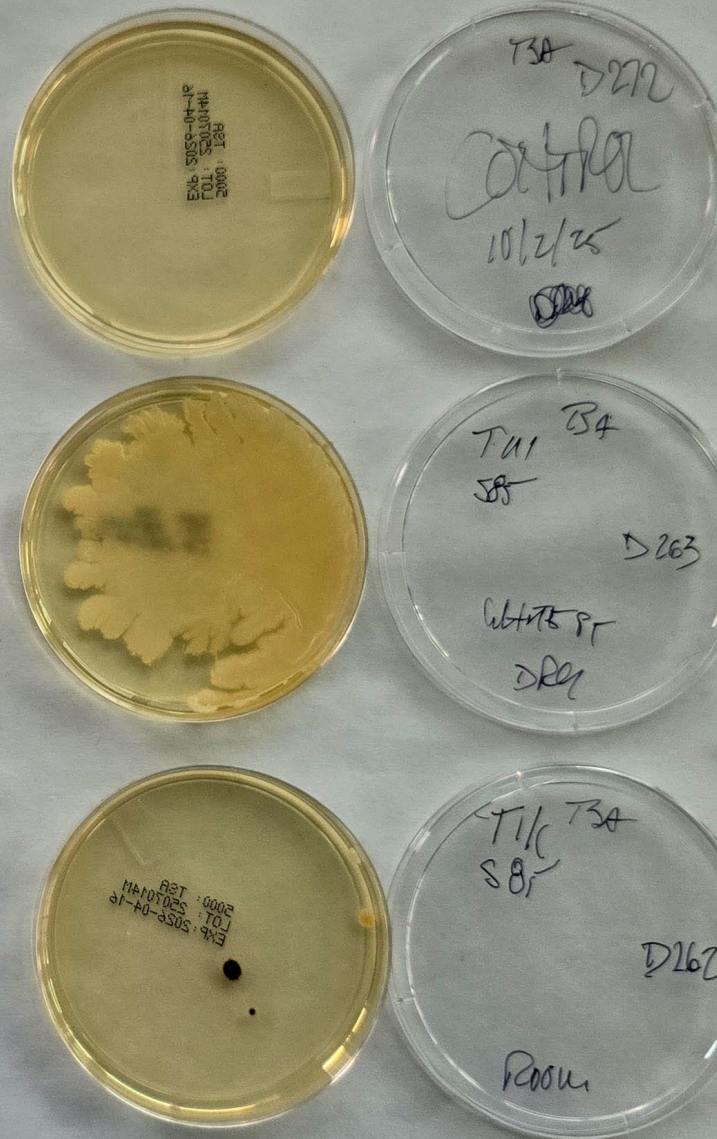
Width Bottom(ft):

Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: TJ Max

Date: 10/2/25

Time: 6:40 am

Address:

TEST # 112

STORE # 85

RESTROOM #: 2

PETRI DISH #S: 269, 265

CONTROL DISH #S: 272

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 (2) 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (2) 5

1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt (1) Microbes=5

1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

Upr

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: SCOTT HORNWICK

Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 (3) 3

0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 (3) 3

0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

Width Bottom(ft):

Height: from dryer/dispenser 0 (3) to floor 10

Area Coverage (0-10) 0 (3) 10

Darkness (0-10): 0 (3) 10

Volume (0-10): 0 (3) 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: TJ Max

Date:

Time:

Address:

TEST# 113

STORE # 85

RESTROOM #: 3

PETRI DISH #S: 166, 267

CONTROL DISH #S: 272

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 -3 0 +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 2 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt 1 Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

Vol 1

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: -

White Paper Dispenser: Scott Paper

Hand Dryer Brand: -

PLUME OF FILTH

Dirt: ☐ Yes ☐ No

Mold: ☐ Yes ☐ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 0 3
0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 0 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

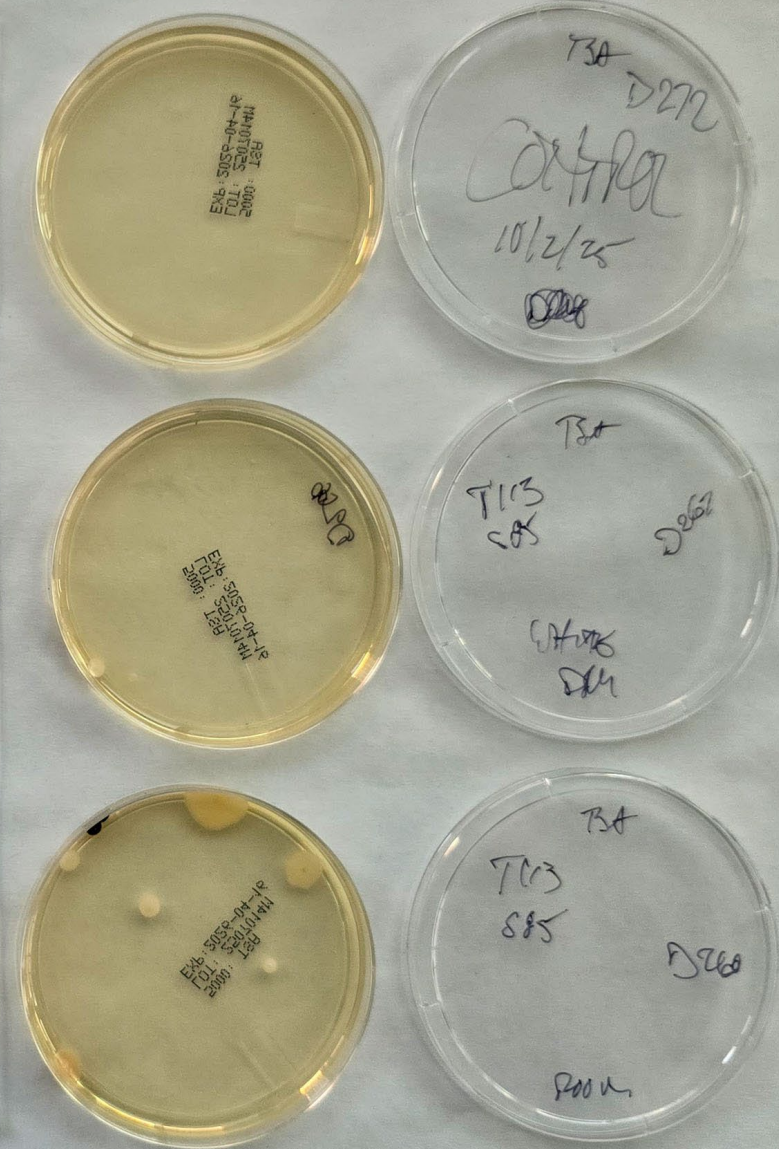
Width Bottom(ft):

Height: from dryer/dispenser 0 0 to floor 10

Area Coverage (0-10) 0 0 10

Darkness (0-10): 0 0 10

Volume (0-10): 0 0 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: 72 HOSP

Date:

Time:

Address:

TEST # 114

STORE # 85

RESTROOM #: 4

PETRI DISH #S: 269 268

CONTROL DISH #S: 272

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 3 0 +10

-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 2 5

1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt 1 Microbes=5

1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

Vol 1

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: SCOTT MISC

Hand Dryer Brand: —

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 3

0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 3

0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

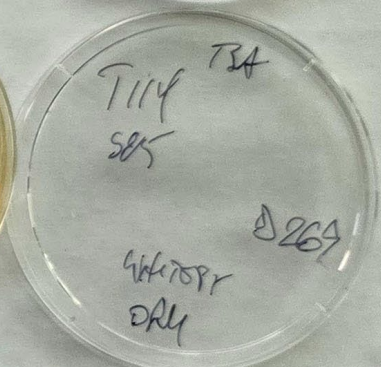
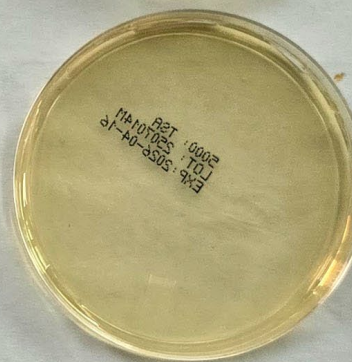
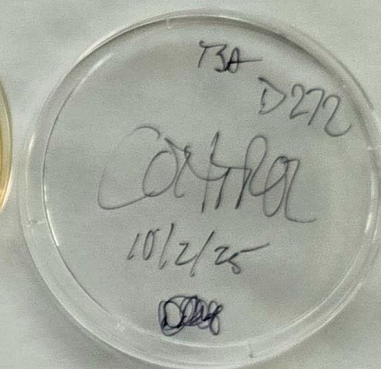
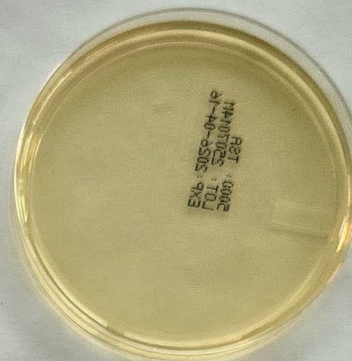
Width Bottom(ft):

Height: from dryer/dispenser 0 to floor 10

Area Coverage (0-10) 0 10

Darkness (0-10): 0 10

Volume (0-10): 0 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: 43 HOSPITAL

Date: 10/2/25

Time:

Address: 101 OLE

DAVIDSON

TEST# 115

STORE# 85

RESTROOM# 5

PETRI DISH #S: 270 - 271

CONTROL DISH #S: 272

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 2 ----- 0 ----- +10

-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 2 ----- 5

1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt# 1 ----- Microbes=5

1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: SOFT MOPHATON

Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3

0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3

0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

Width Bottom(ft):

Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: MCC HANDBOOK 8

Date: 10/3/25

Time: 2:35 PM

Address: DEVELOPER
1050

TEST# 117

STORE # 87

RESTROOM #: 1

PETRI DISH #S: 270-271 A+B

CONTROL DISH #S: 272

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- 2 ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dir=1 ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ☐

Hand Dryer Brand: motion

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3

0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3

0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

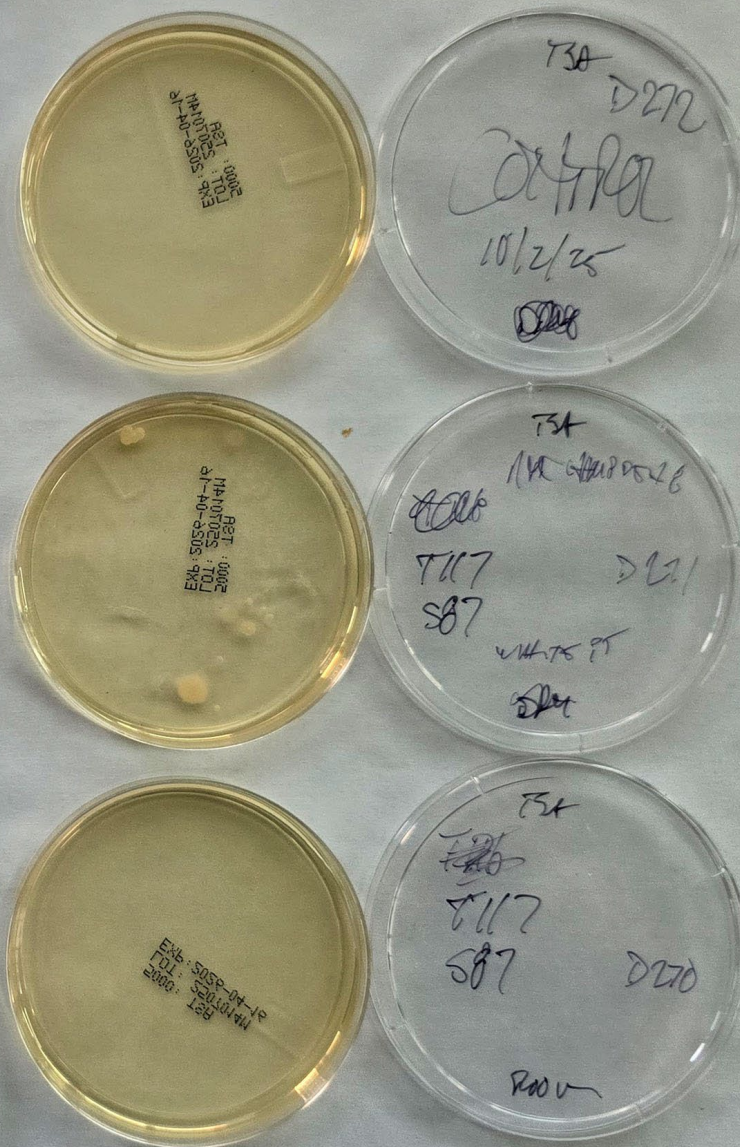
Width Bottom (ft): 1

Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 2 ----- 10

Darkness (0-10): 0 ----- 2 ----- 10

Volume (0-10): 0 ----- 2 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: KARLS NO PLUMB
 Date: 10/3/25 WHIRLPOOL
 Time: 2:50 PM ROOM FILTHY
 Address: MURKIN PL
MURKIN PL 17250

TEST# 118

STORE # 08

RESTROOM #: 1

PETRI DISH #S: 273 - 274

CONTROL DISH #S: 272

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 (3) 0 +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 (3) 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 (2) Microbes=5
 1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: —

White Paper Dispenser: —

Hand Dryer Brand: —

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 (1) 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 (2) 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 2'

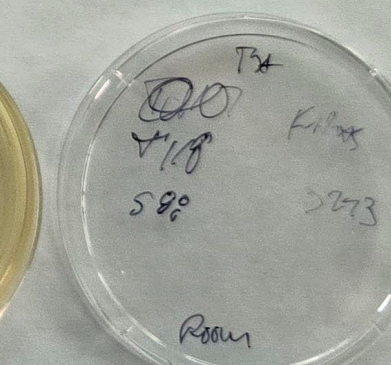
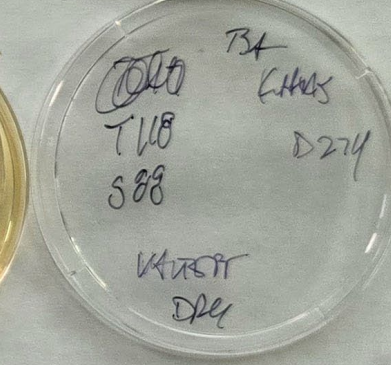
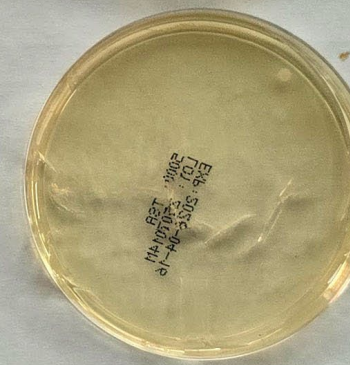
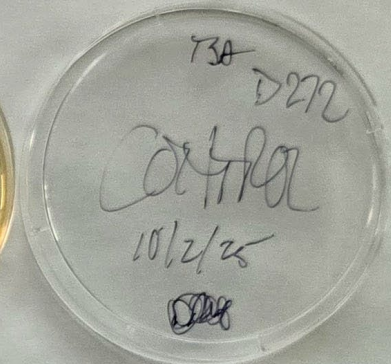
Width Bottom (ft): 10'

Height: from dryer/dispenser 0 (10) to floor

Area Coverage (0-10) 0 (5) 10

Darkness (0-10): 0 (5) 10

Volume (0-10): 0 (2) 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: STARR MALL

Date: 10/3/25

Time: 3:35 pm

Address:

CHAMPAIN PI

TEST# 120

STORE# 90

RESTROOM# 1

PETRI DISH #S: 25-26

CONTROL DISH #S: 272

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- (3) ----- +10
-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (2) ----- 5
1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt# (1) ----- Microbes=5
1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

ON (2)

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ✓

White Paper Dispenser: PULTE MORFIN

Hand Dryer Brand: ✓

PLUME OF FILTH

Dirt: ☒ Yes ☐ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) (0) ----- 3
0 = None | 1 = Small (<8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- (2) ----- 3
0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft): 0

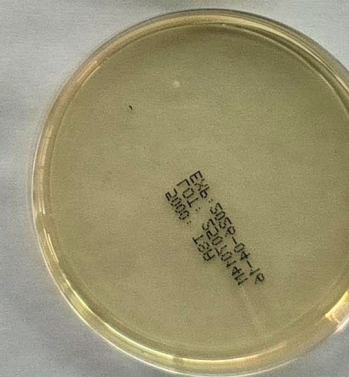
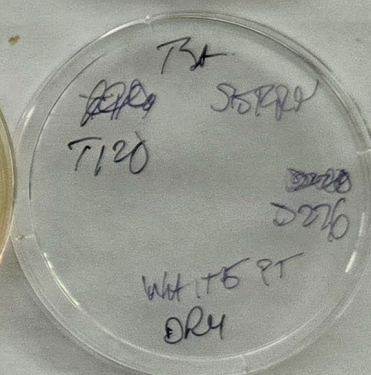
Width Bottom (ft): 1

Height: from dryer/dispenser 0 ----- (5) ----- to floor 10

Area Coverage (0-10) 0 ----- (0) ----- 10

Darkness (0-10): 0 ----- (4) ----- 10

Volume (0-10): 0 ----- (2) ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: Robes

Date: 10/3/25

Time: 6:15

Address: 301 HAZARD
DRIVE 1701

TEST# 123
001

STORE # 93

RESTROOM #: 1

PETRI DISH #S: 277-278

CONTROL DISH #S: 272

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 ----- 0 ----- +10

-10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 ----- (3) ----- 5

1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt=1 ----- (3) ----- Microbes=5

1=Dirt | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

Var 1-5

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒

White Paper Dispenser: ROLL PAPER TOWELS

Hand Dryer Brand: ☒

PLUME OF FILTH

Dirt: ☐ Yes ☒ No

Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 ----- 3

0 = None | 1 = Small ($\leq 8.5 \times 11$ ") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

Visual Dirt Assessment (NIOSH 0-3 Scale) 0 ----- 3

0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):

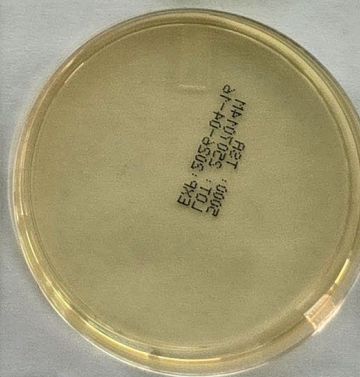
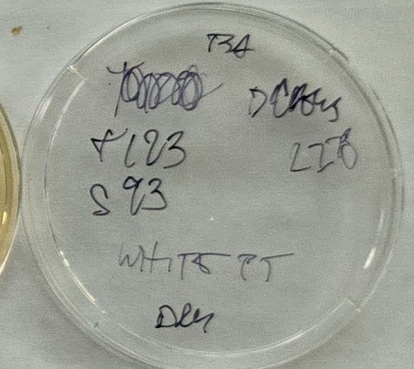
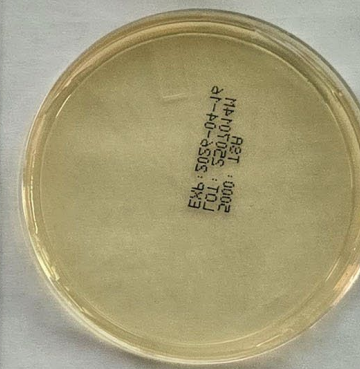
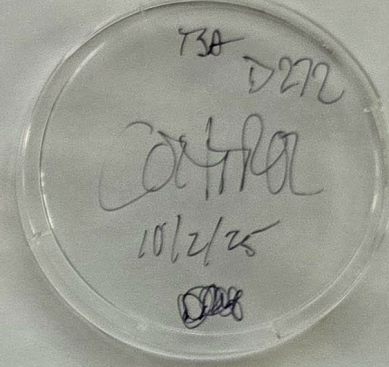
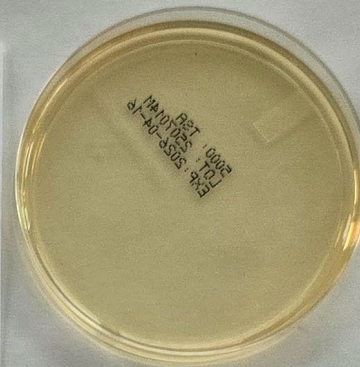
Width Bottom(ft):

Height: from dryer/dispenser 0 ----- to floor 10

Area Coverage (0-10) 0 ----- 10

Darkness (0-10): 0 ----- 10

Volume (0-10): 0 ----- 10



WANDERING PUBLIC RESTROOM HAND DRYING FILTH EMPIRICAL AUDIT

Store Name: ASON RAVEN *ODD HAND DRYER*
 Date: 7:00 PM
 Time: 7:00 PM
 Address: 3735 CAPTAIN DUTY WAY *WIKED PAPER NO CLAVIS*
CH 17011

TEST# 126
 STORE # 95
 RESTROOM #: 1
 PETRI DISH #S: 79-28
 CONTROL DISH #S: 272

GENERAL RESTROOM CLEANLINESS ASSESSMENT

Smell Impact Scale -10 0 +10
 -10 = Gag/Exit Immediately | 0 = Neutral/No Odor | +10 = Best

Visual First Impression 1 2 5
 1=Spotless | 2=Clean | 3=Used | 4=Dirty | 5=Filthy

Dirt Type, whole room Dirt 1 Microbes=5
 1=Dir | 2=Dirt/some mold | 3=equal dirt and mold | 4=mostly mold | 5=Biohazard

HAND DRYING ZONE DETAILED INSPECTION

Brown Paper Towel Dispenser: ☒
 White Paper Dispenser: ☒
 Hand Dryer Brand: Alkon - with cover

PLUME OF FILTH

Dirt: ☐ Yes ☒ No
 Mold: ☐ Yes ☒ No

Visual Mold Assessment (NIOSH 0-3 Scale) 0 0 3
 0 = None | 1 = Small (≤8.5x11") | 2 = Medium (>sheet door size) | 3 = Large (>sheet door size)

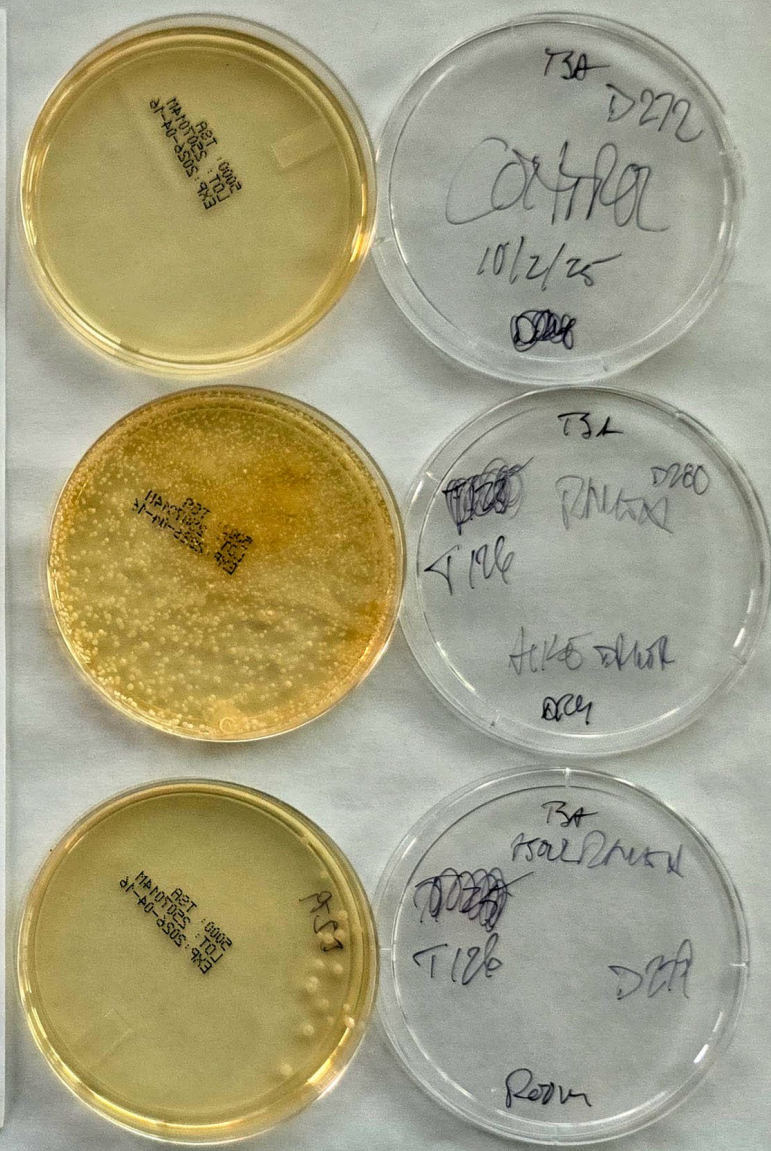
Visual Dirt Assessment (NIOSH 0-3 Scale) 0 0 3
 0 = Clean | 1 Light = Film/dust | 2 Moderate = Layers/streaks | 3 Heavy = Thick buildup

Width Top (ft):
 Width Bottom(ft):
 Height: from dryer/dispenser 0 0 to floor 10

Area Coverage (0-10) 0 0 10

Darkness (0-10): 0 0 10

Volume (0-10): 0 0 10



Paper 9 of 11 in the Hand Dryer Hygiene Series

See Paper 11 for synthesis of findings across the complete research program.

*Supplementary materials including the complete dataset are available at
www.handdryerstudy.com*