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Date: August 4, 2023
Ref: 30187023
Subject: **Building 3 Post Air Treatment System Shutdown Report**
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Dear Ms. Cahill,

On behalf of the Bristol-Myers Squibb Company (BMS), Arcadis of New York, Inc. (Arcadis) is providing this letter report confirming the shutdown of the Air Treatment System (ATS) that had operated consistent with the Operation, Maintenance, and Monitoring (OMM) Plan – Building 3 Indoor Air Treatment System (Arcadis, May 2022) for the former BMS facility located at 3551 Burnet Avenue in East Syracuse, New York (the Site).

In a letter dated January 19, 2023, the New York State Department of Environmental Conservation (NYSDEC) provisionally approved shutdown of the ATS with the condition that BMS conduct a post-shutdown sampling event for Building 3 once the ATS was taken offline to evaluate whether the indoor air quality remains at levels consistent with New York State Department of Health (NYSDOH) guidance values (NYSDOH, 2006). As such, this letter summarizes the findings from that post-ATS shutdown event conducted on April 25, 2023, the formal shut down of the ATS, and the administrative building controls which remain in place.

Background

BMS operated a Boiler Control Room in the basement of Building 3 at the Site. Based on the presence of dissolved-phase volatile organic compound (VOC) concentrations in shallow groundwater in the vicinity of Building 3, an evaluation of the potential SVI migration pathway was conducted in 2016 for Building 3 as it was a downgradient or proximal building that remained occupied at the time of the Phase 1A investigation in 2016.

An elevated water table in proximity to the Building 3 slab elevation precluded collection of sub-slab or near building soil vapor samples. Therefore, BMS proposed to use the analytical results from monitoring wells upgradient of Building 3 (BDA-1WT and BDA-1F, shown on **Figure 2**) and compare compounds detected in the groundwater sample results to the compounds identified in the indoor air sample.

The initial SVI investigation consisted of two (2) rounds of sampling. One indoor air sample (with associated outdoor ambient air sample) was collected in the Building 3 basement (i.e., boiler control room) during each sampling event. The first round was conducted in March 2016. The second round of SVI sampling was conducted in December 2016. A summary of the findings from the 2016 sampling events was submitted to the NYSDEC and the NYSDOH on March 8, 2017 in a report titled *Soil Vapor Intrusion (SVI) Module Data Summary*

Report (SVI Report, Arcadis 2017). The SVI Report concluded that based on the 2016 sampling results no additional sampling would be needed.

In May 2017, the NYSDOH updated the screening values listed in the decision matrices from the *2006 NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York*. The results of this change were discussed in an October 4, 2017 e-mail to BMS from the NYSDOH, and during an October 10, 2017 meeting between BMS, the NYSDEC, and the NYSDOH. The agencies expressed concern that the Building 3 measured indoor air concentrations of trichloroethene (TCE) at 0.93 and 1.6 micrograms per cubic meter [$\mu\text{g}/\text{m}^3$] were greater than the NYSDOH revised indoor air guidance values for monitoring ($0.2 \mu\text{g}/\text{m}^3$) and mitigation ($1.0 \mu\text{g}/\text{m}^3$) when a sub-slab or soil gas source is detected. During the October 10, 2017 meeting, BMS indicated that additional sampling of indoor air in Building 3 would be conducted following completion of on-going building renovations in Building 3 and the adjoining Building 2, and the onset of the heating season.

The third round of Building 3 indoor and ambient air sampling (one sample each) was conducted on January 17, 2018 after completing the renovation activities but prior to startup of a new heating, ventilation, and air conditioning (HVAC) system. The results identified a decrease in the TCE concentration versus the previous rounds with concentrations of $0.77 \mu\text{g}/\text{m}^3$ and $0.82 \mu\text{g}/\text{m}^3$ from the parent and duplicate indoor air samples, respectively. The results were below the revised indoor air guidance values for mitigation but above the guidance values for monitoring for TCE. These results were documented in the March 2018 monthly progress report to the NYSDEC and the NYSDOH.

The fourth round of Building 3 indoor and ambient air sampling (one sample each) was conducted on January 24, 2019 following the installation of the passive mitigation measures identified in the March 2018 work scope and May 2, 2018 approval letter, and with the new HVAC system in full operation. The results again identified a decrease in the TCE concentration versus the previous rounds with concentrations of $0.59 \mu\text{g}/\text{m}^3$ and $0.61 \mu\text{g}/\text{m}^3$ from the parent and duplicate indoor air samples, respectively. Again, the results were below the revised indoor air guidance values for mitigation but above the guidance values for monitoring for TCE.

In January 2021, mitigation measures were implemented within Building 3. The mitigation measures performed included installation of weather stripping on doorways and balancing of the Heating Ventilation and Air Conditioning (HVAC) and adjustments to the facility HVAC settings to allow the maximum fresh air mixing into the building. Differential pressure measurements were then collected using stationary OmniGuard 4® differential pressure monitors to assess pressure differences between the Building 3 boiler control room indoor air and the following locations:

- Building 2 (directly connected to Building 3) indoor air;
- Inside a floor drain in the boiler control room, and
- Outdoor ambient air.

On January 14, 2021, an indoor air sample and an ambient air sample was collected following the implementation of mitigation measures within Building 3. The analytical results from this event identified TCE concentrations of $0.54 \mu\text{g}/\text{m}^3$ and $0.52 \mu\text{g}/\text{m}^3$ from the parent and duplicate indoor air samples, respectively. The differential air pressure measurements collected during the January event confirmed that a positive pressure exists within the boiler control room relative to ambient conditions and the adjoining Building 2.

As described above, a downward trend in indoor air TCE concentrations was demonstrated based on sampling conducted in January 2021 following completion of the mitigation measures. However, the detected TCE

concentrations remained above the NYSDOH guidance value for monitoring of $0.2 \mu\text{g}/\text{m}^3$ for indoor air. Although active mitigation was not required based on NYSDOH Guidance, BMS opted to voluntarily install an ATS in the boiler control room as a supplemental mitigation measure to further reduce TCE concentrations in indoor air.

The Building 3 ATS was installed in April 2021 within the basement control room (**Figure 1**). The ATS included a Norair® 800 Negative Air Scrubber (Part #Y-A-1KPG-00: Amaircare AirWash® MultiPRO) containing a 25-pound activated carbon filter media to remove VOC from indoor air in the Building 3 Boiler Control Room.

The results of the June 24, 2021 indoor air sampling event following startup of the ATS demonstrated an initial reduction of TCE concentrations of $0.16 \mu\text{g}/\text{m}^3$ from the IA-3 parent sample and $0.15 \mu\text{g}/\text{m}^3$ from the duplicate sample.

Indoor and outdoor air samples were collected in accordance with the OMM Plan between April 2021 and June 2022 to evaluate ATS performance. TCE results indicated an expected seasonal variability with higher reported concentrations during the heating season, and lower concentrations reported outside of the heating season. Of the six samples collected during the 2021/2022 heating season between October 2021 and March 2022, four reported TCE concentrations above the monitoring guidance value of $0.2 \mu\text{g}/\text{m}^3$ (ranging from $0.32 \mu\text{g}/\text{m}^3$ in February 2022 to $0.54 \mu\text{g}/\text{m}^3$ in October 2021). These concentrations were similar to the January 2021 TCE concentration ($0.54 \mu\text{g}/\text{m}^3$), reported in indoor air prior to ATS start up. By contrast, indoor air samples collected during ATS operation outside of the heating season (April 2021-September 2021 and April 2022 to June 2022) had TCE concentrations reported below the monitoring guidance value shortly after startup of ATS operation.

A review of the historical TCE concentration data confirms that TCE concentrations in indoor air have been reported below the guidance value for mitigation ($1 \mu\text{g}/\text{m}^3$) since January 2018 and that the initial mitigation measures were successful at maintaining TCE concentrations below $1 \mu\text{g}/\text{m}^3$. Supplementing the initial mitigation measures with ATS operation was able to further reduce TCE in indoor air to levels below the guidance value for monitoring ($0.2 \mu\text{g}/\text{m}^3$) outside of the heating season; however, it was unable to maintain concentrations below the monitoring guidance value for the duration of the operation.

BMS requested to cease operation of the ATS in an email and formal letter dated December 12, 2022, which was conditionally approved by NYSDEC on January 19, 2023 pending completion of a post-shutdown sampling event.

Lotte Biologics USA, LLC (Lotte) purchased the Site from BMS and assumed operation in January 2023. Lotte verbally communicated Boiler Control Room staff had moved out of Building in Spring of 2023 and had provided BMS with a formal email confirmation that personnel were no longer occupying Building 3 in July 2023 (**Attachment 1**).

ATS Shutdown and OMM Program Termination

On March 31, 2023, BMS completed the ATS shutdown at Building 3 per NYSDEC conditional approval. Following shut down, BMS worked with Lotte to discuss system removal from Building 3 as well as receiving confirmation that Building 3 will no longer be occupied by future workers. As noted in **Attachment 1**, Lotte has circulated a memorandum detailing current/future building use and restrictions. In addition, Lotte will notify BMS and NYSDEC if they plan to reoccupy Building 3, at which time BMS will discuss with Lotte any additional monitoring/sampling that might be proposed. If future building occupancy is proposed, BMS will provide NYSDEC written notice within the Monthly Progress Reports for the Brownfield Cleanup Area. Indoor air testing and (if needed) mitigation measures beyond those that remain in place would be documented in a future work plan.

Ms. Karen Cahill
New York State Department of Environmental Conservation
August 4, 2023

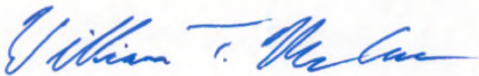
Summary of Post-ATS Analytical Results

Indoor and outdoor air samples required by NYSDEC were collected in accordance with the OMM Plan on April 25, 2023 to evaluate VOC concentrations following cessation of ATS operation. A review of indoor air data for the Boiler Control Room (**Table 1**) indicates that the TCE concentration following cessation of the ATS operation remained below the 1 $\mu\text{g}/\text{m}^3$ guidance value for mitigation. While the observed TCE concentration was observed above the indoor air monitoring guidance value of 0.2 $\mu\text{g}/\text{m}^3$, further air monitoring would only be warranted if the Building 3 were to be reoccupied.

BMS will coordinate with LOTTE to ensure the maintenance of other building engineering and administrative controls detailed in the OMM Plan and has requested to be notified if the occupancy status of Building 3 changes.

Please contact Rich Mator of BMS at 609.252.4273 if you have any questions or need further details.

Sincerely,
Arcadis of New York, Inc.



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Richard Mator, BMS
Daniel Zuck, P.G., Arcadis
Ron Arcuri, P.G., Geosyntec / B&B

Attachments:

- Table 1 – Building 3 Air Analytical Results – June 2023
- Figure 1 – Concentration vs. Time Plot – Trichloroethene at IA-3
- Attachment 1 – Notification LOTTE Discontinued Occupancy of Building 3 Control Room

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - Mar. 2016		Building 3 - Dec. 2016		Building 3 - Jan. 2018		
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Ambient AA-3 03/02/16	Indoor IA-3 03/02/16	Ambient AA-3 12/08/16	Indoor IA-3 12/08/16	Ambient AA-3 01/17/18	Indoor IA-3 01/17/18	
Volatile Organics - TO-15 (ug/m³)													
	1,1,1-Trichloroethane*	71-55-6	20.6	1,900,000	---	>0.2 Monitor	0.017 J	0.045 J [0.049 J]	0.019 J	0.13 J	0.13 U	0.054 J [0.051 J]	
	1,1,2,2-Tetrachloroethane	79-34-5	---	35,000	---	0.21	0.4	0.18 U	0.20 U [0.20 U]	0.17 U	0.19 U	0.16 U	0.19 U [0.19 U]
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	---	7,600,000	---	3.5	2.5	0.40 J	0.48 J [0.47 J]	0.56 J	0.60 J	0.52 J	0.57 J [0.55 J]
	1,1,2-Trichloroethane	79-00-5	<1.5	45,000	---	1.5	0.4	0.14 U	0.16 U [0.16 U]	0.14 U	0.15 U	0.13 U	0.15 U [0.15 U]
	1,1-Dichloroethane	75-34-3	<0.7	400,000	---	0.7	0.4	0.10 U	0.022 J [0.022 J]	0.10 U	0.052 J	0.097 U	0.035 J [0.036 J]
	1,1-Dichloroethene*	75-35-4	<1.4	---	---	>0.2 Monitor		0.051 U	0.059 U [0.058 U]	0.050 U	0.063	0.048 U	0.066 [0.064]
	1,2,4-Trichlorobenzene	120-82-1	---	---	---	6.8	0.5	4.7 U	5.5 U [5.4 U]	4.7 U	5.2 U	4.4 UJ	5.2 UJ [5.1 UJ]
	1,2,4-Trimethylbenzene	95-63-6	<6.8	---	---	9.5	9.8	0.14 J	0.16 J [0.17 J]	0.62 U	0.18 J	0.20 J	0.34 J [0.37 J]
	1,2-Dibromoethane (EDB)	106-93-4	<1.5	153,685	---	1.5	0.4	0.20 U	0.23 UB [0.22 UB]	0.19 UB	0.22 UB	0.18 U	0.21 U [0.21 U]
	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	76-14-2	---	7,000,000	---	6.8	0.4	0.10 J	0.10 J [0.11 J]	0.11 J	0.11 J	0.097 J	0.11 J [0.10 J]
	1,2-Dichlorobenzene	95-50-1	<1.2	300,000	C	1.2	0.5	0.77 U	0.89 U [0.88 U]	0.76 U	0.85 U	0.72 U	0.84 U [0.82 U]
	1,2-Dichloroethane	107-06-2	<0.9	202,372	---	0.9	0.4	0.10 UB	0.12 UB [0.12 UB]	0.10 UB	0.11 UB	0.056 J	0.054 J [0.058 J]
	1,2-Dichloropropane	78-87-5	<1.6	350,000	---	1.6	0.4	0.59 U	0.68 U [0.68 U]	0.58 U	0.65 U	0.55 U	0.64 U [0.63 U]
	1,3,5-Trimethylbenzene	108-67-8	3.7	---	---	3.7	3.9	0.63 U	0.73 U [0.72 U]	0.62 U	0.69 U	0.59 U	0.68 U [0.67 U]
	1,3-Butadiene	106-99-0	<3.0	2,212	---	3	0.094	0.28 U	0.33 U [0.099 J]	0.28 U	0.31 U	0.26 U	0.31 U [0.30 U]
	1,3-Dichlorobenzene	541-73-1	<2.4	---	---	2.4	0.5	0.77 U	0.89 U [0.88 U]	0.76 U	0.85 U	0.72 U	0.84 U [0.82 U]
	1,4-Dichlorobenzene	106-46-7	5.5	---	---	5.5	1.2	0.15 UB	0.18 UB [0.18 UB]	0.15 UB	0.17 UB	0.14 U	0.17 UB [0.16 U]
	1,4-Dioxane	123-91-1	---	360,000	---	2.5	0.56	0.46 U	0.53 U [0.53 U]	0.45 U	0.51 U	0.43 U	0.50 U [0.49 U]
	2,2,4-Trimethylpentane	540-84-1	---	---	---	--	5	3.0 U	3.4 U [3.4 U]	2.9 U	3.3 U	2.8 U	3.2 U [3.2 U]
	2-Hexanone	591-78-6	---	410,000	---	130	31	2.6 U	3.0 U [3.0 U]	0.42 J	0.83 J	2.4 U	2.8 U [2.8 U]
	3-Chloropropene	107-05-1	---	3,000	---	2	0.47	2.0 UJ	2.3 UJ [2.3 UJ]	2.0 U	2.2 U	1.9 U	2.2 U [2.1 U]
	4-Ethyltoluene	622-96-8	3.6	---	---	3.6	--	0.63 UB	0.73 UB [0.72 UB]	0.62 U	0.69 U	0.18 J	0.40 J [0.38 J]
	Acetone	67-64-1	98.9	2,400,000	---	98.9	115	3.6 UB	9.9 [5.4]	6.8	16	4.5	6.4 [6.0]
	Benzene	71-43-2	9.4	3,195	---	9.4	13	0.44	0.60 [0.59]	0.36	0.46	0.58	0.66 [0.66]
	Benzyl chloride (a-chlorotoluene)	100-44-7	<6.8	5,000	---	6.8	0.057	0.66 U	0.77 U [0.76 U]	0.65 U	0.73 U	0.62 U	0.72 U [0.71 U]
	Bromodichloromethane	75-27-4	---	---	---	0.33	0.076	0.86 U	0.41 J [0.38 J]	0.84 U	0.19 J	0.80 U	0.93 U [0.92 U]
	Bromoform	75-25-2	---	5,000	---	11	2.6	1.3 U	1.5 U [1.5 U]	1.3 U	1.4 U	1.2 U	1.4 U [1.4 U]
	Bromomethane	74-83-9	<1.7	80,000	C	1.7	0.5	2.5 U	2.9 U [2.8 U]	2.4 U	2.7 U	2.3 U	2.7 U [2.7 U]
	Carbon disulfide	75-15-0	4.2	62,282	---	4.2	730	2.0 UJ	2.3 UJ [2.3 UJ]	2.0 U	2.2 U	1.9 U	2.2 U [2.1 U]
	Carbon tetrachloride*	56-23-5	<1.3	62,920	---	>0.2 Monitor		0.42	0.42 [0.41]	0.46	0.45	0.38	0.39 [0.39]
	Chlorobenzene	108-90-7	<0.9	350,000	---	0.9	0.4	0.59 U	0.68 U [0.68 U]	0.58 U	0.65 U	0.55 U	0.64 U [0.63 U]
	Chloroethane	75-00-3	<1.1	2,600,000	---	1.1	0.4	0.17 UJ	0.20 UJ [0.19 UJ]	0.17 U	0.19 U	0.16 U	0.18 U [0.18 U]
	Chloroform	67-66-3	1.1	240,000	C	1.1	1.2	0.080 J	1.4 [1.4]	0.086 J	1.4	0.089 J	0.74 [0.74]
	Chloromethane	74-87-3	3.7	206,503	---	3.7	4.2	0.91	0.91 [0.90]	0.78	0.79	0.80 J	0.85 J [0.83 J]
	cis-1,2-Dichloroethene*	156-59-2	<1.9	---	---	>0.2 Monitor		0.10 U	0.14 [0.12]	0.10 U	0.29	0.095 U	0.28 [0.30]
	cis-1,3-Dichloropropene	10061-01-5	<2.3	---	---	2.3	0.4	0.58 U	0.67 U [0.67 U]	0.57 U	0.64 U	0.54 U	0.63 U [0.62 U]
	Cyclohexane	110-82-7	---	1,050,000	---	26,000	6.3	0.44 U	0.51 U [0.50 U]	0.43 U	0.098 J	0.15 J	0.29 J [0.26 J]
	Dibromochloromethane	124-48-1	---	---	---	--	--	1.1 U	1.3 U [1.2 U]	1.1 U	1.2 U	1.0 U	1.2 U [1.2 U]
	Dichlorodifluoromethane (Freon 12)	75-71-8	16.5	4,950,000	---	16.5	10	2.0	2.2 [2.2]	2.1	2.1	1.9	2.0 [2.0]
	Ethanol	64-17-5	210	1,900,000	---	1,300	210	2.5	20 [19]	2.7	66	3.4	72 [68]
	Ethylbenzene	100-41-4	5.7	435,000	---	5.7	6.4	0.21	0.19 [0.30]	0.074 J	0.13	0.16	0.20 [0.21]

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



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					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Ambient AA-3 03/02/16	Indoor IA-3 03/02/16	Ambient AA-3 12/08/16	Indoor IA-3 12/08/16	Ambient AA-3 01/17/18	Indoor IA-3 01/17/18
Volatile Organics - TO-15 (ug/m³) (cont.)												
Hexachlorobutadiene	87-68-3	<6.8	---	---	6.8	0.5	6.8 U	7.9 U [7.8 U]	6.7 U	7.5 U	6.4 UJ	7.4 UJ [7.3 UJ]
Isopropyl alcohol (2-propanol)	67-63-0	250	980,000	---	250	210	0.42 J	8.9 J [1.5 J]	0.36 J	4.5	1.5 U	3.2 [2.9]
Isopropylbenzene (cumene)	98-82-8	---	245,000	---	1,800	0.8	0.63 U	0.73 U [0.72 U]	0.62 U	0.69 U	0.59 U	0.32 J [0.28 J]
m,p-Xylene	108-38-3	22.2	---	---	22.2	11	0.35	0.56 [0.58]	0.22 UB	0.30	0.51	0.57 [0.55]
Methyl ethyl ketone (MEK, 2-Butanone)	78-93-3	12	590,000	---	12	16	0.66 J	1.1 J [0.46 J]	1.8 U	4.3	0.71 J	0.62 J [0.71 J]
4-methyl-2-pentanone (MIBK)	108-10-1	6	410,000	---	6	1.9	0.52 U	0.61 U [0.60 U]	0.19 J	0.30 J	0.49 U	0.57 U [0.56 U]
Methyl tert-butyl ether	1634-04-4	11.5	---	---	11.5	14	0.46 U	0.53 U [0.53 U]	0.45 U	0.51 U	0.013 J	0.011 J [0.013 J]
Methylene chloride*	75-09-2	10	86,851	60	>3 Monitor		0.30 J	1.0 U [0.29 J]	0.88 UB	0.98 UB	0.33 J	0.64 J [0.42 J]
Naphthalene	91-20-3	5.1	50,000	---	5.1	0.083	0.34 U	0.39 U [0.38 U]	0.33 UB	0.23 J	0.31 UB	0.24 J [0.36 UB]
n-Heptane	142-82-5	---	2,000,000	---	1,800	18	0.52 U	0.61 U [0.60 U]	0.52 UB	0.58 UB	0.21 J	0.36 J [0.70]
n-Hexane	110-54-3	10.2	1,800,000	---	10.2	14	0.45 U	0.52 U [0.52 U]	0.44 UB	0.50 UB	0.46	0.66 [1.0]
n-Propylbenzene	103-65-1	---	---	---	4,400	1.5	0.63 U	0.73 U [0.72 U]	0.62 U	0.69 U	0.59 U	0.68 U [0.12 J]
o-Xylene	95-47-6	7.9	---	---	7.9	7.1	0.13	0.21 [0.22]	0.084 J	0.12	0.22	0.24 [0.23]
Styrene	100-42-5	1.9	425,930	---	1.9	1.4	0.54 U	0.63 U [0.63 U]	0.072 J	0.13 J	0.51 U	0.59 U [0.58 U]
Tetrachloroethene (PCE)*	127-18-4	15.9	678,323	30 (AL-300)	>3 Monitor		0.039 J	0.077 J [0.081 J]	0.044 J	0.11 J	0.075 J	0.14 J [0.18 U]
Tetrahydrofuran	109-99-9	---	590,000	---	8,800	0.8	1.9 U	2.2 U [0.57 J]	1.8 U	0.52 J	1.8 U	2.0 U [2.0 U]
Toluene	108-88-3	43	753,620	---	43	57	0.87	1.5 [1.6]	0.41	0.77	0.82	1.0 [0.90]
trans-1,2-Dichloroethene	156-60-5	---	---	---	--	--	0.51 UJ	0.024 J [0.027 J]	0.50 U	0.56 UB	0.48 U	0.23 J [0.22 J]
trans-1,3-Dichloropropene	10061-02-6	<1.3	---	---	1.3	0.25	0.58 U	0.67 U [0.67 U]	0.57 U	0.64 U	0.54 U	0.63 U [0.62 U]
Trichloroethene (TCE)*	79-01-6	4.2	537,423	2 (AL-20)	>0.2 Monitor		0.043 J	0.93 [0.93]	0.14 UB	1.6	0.036 J	0.77 [0.82]
Trichlorofluoromethane (Freon 11)	75-69-4	18.1	5,600,000	---	18.1	12	1.0	1.2 [1.1]	1.2	1.2	1.0	1.2 [1.0]
Vinyl chloride*	75-01-4	<1.9	2,556	---	>0.2 Monitor		0.033 U	0.038 U [0.038 U]	0.032 U	0.018 J	0.031 U	0.036 U [0.035 U]
Volatile Organics-TIC (ppbv)												
Ethyl acetate	141-78-6	5.4	1,400,000	---	--	--	NR	NR	NR	NR	NR	NR
Isobutanol	78-83-1	---	---	---	4,400	1,000	NR	NR	NR	NR	NR	NR
Pentane	109-66-0	---	2,950,000	---	260	2.5	NR	1.8 JN [2 JN]	NR	NR	0.79 JN	1.6 JN [1.9 JN]
Propylene	526-73-8	---	---	---	--	--	NR	NR	NR	NR	NR	NR

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - Jan. 2019		Building 3 - Jan. 2021		Building 3 - Pilot Testing		
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Ambient AMB-3 01/24/19	Indoor IA-3/DUP 01/24/19	Ambient AMB-3 01/14/21	Indoor IA-3 01/14/21	Indoor IA-3 04/29/21	Indoor IA-3 05/06/21	
Volatile Organics - TO-15 (ug/m³)													
	1,1,1-Trichloroethane*	71-55-6	20.6	1,900,000	---	>0.2 Monitor		0.14 U	0.039 J [0.039 J]	0.15 U	0.032 J [0.032 J]	0.16 U	0.72 U
	1,1,2,2-Tetrachloroethane	79-34-5	---	35,000	---	0.21	0.4	0.18 U	0.18 U [0.19 U]	0.19 U	0.19 U [0.2 U]	0.20 U	0.91 U
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	---	7,600,000	---	3.5	2.5	0.75 J	0.74 J [0.66 J]	0.43 J	0.52 J [0.47 J]	1.1 U	5.1 U
	1,1,2-Trichloroethane	79-00-5	<1.5	45,000	---	1.5	0.4	0.14 U	0.15 U [0.15 U]	0.15 U	0.15 U [0.16 U]	0.16 U	0.72 U
	1,1-Dichloroethane	75-34-3	<0.7	400,000	---	0.7	0.4	0.11 U	0.11 U [0.11 U]	0.11 U	0.11 U [0.12 U]	0.12 U	0.54 U
	1,1-Dichloroethene*	75-35-4	<1.4	---	---	>0.2 Monitor		0.053 U	0.053 U [0.054 U]	0.056 U	0.056 U [0.058 U]	0.057 U	0.26 U
	1,2,4-Trichlorobenzene	120-82-1	---	---	---	6.8	0.5	4.9 U	5.0 U [5.1 U]	5.2 U	5.3 U [5.4 U]	5.4 U	25 U
	1,2,4-Trimethylbenzene	95-63-6	<6.8	---	---	9.5	9.8	0.65 U	10 [10]	0.15 J	0.16 J [0.17 J]	0.71 U	3.3 U
	1,2-Dibromoethane (EDB)	106-93-4	<1.5	153,685	---	1.5	0.4	0.20 U	0.20 U [0.024 J]	0.22 U	0.027 J [0.22 U]	0.22 U	1.0 U
	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	76-14-2	---	7,000,000	---	6.8	0.4	0.12 J	0.11 J [0.15 J]	0.10 J	0.10 J [0.098 J]	0.11 J	0.93 U
	1,2-Dichlorobenzene	95-50-1	<1.2	300,000	C	1.2	0.5	0.80 U	0.80 U [0.82 U]	0.84 U	0.85 U [0.88 U]	0.87 U	4.0 U
	1,2-Dichloroethane	107-06-2	<0.9	202,372	---	0.9	0.4	0.088 J	0.086 J [0.092 J]	0.10 J	0.069 J [0.068 J]	0.051 J	0.54 U
	1,2-Dichloropropane	78-87-5	<1.6	350,000	---	1.6	0.4	0.61 U	0.62 U [0.63 U]	0.65 U	0.66 U [0.67 U]	0.67 U	3.1 U
	1,3,5-Trimethylbenzene	108-67-8	3.7	---	---	3.7	3.9	0.65 U	1.9 [2.0]	0.69 U	0.70 U [0.72 U]	0.71 U	3.3 U
	1,3-Butadiene	106-99-0	<3.0	2,212	---	3	0.094	0.29 U	0.30 U [0.30 U]	0.31 U	0.31 U [0.32 U]	0.32 U	1.5 U
	1,3-Dichlorobenzene	541-73-1	<2.4	---	---	2.4	0.5	0.80 U	0.80 U [0.82 U]	0.84 U	0.85 U [0.88 U]	0.87 U	4.0 U
	1,4-Dichlorobenzene	106-46-7	5.5	---	---	5.5	1.2	0.16 UJ	0.16 UJ [0.16 UJ]	0.17 U	0.17 U [0.18 U]	0.17 U	0.80 U
	1,4-Dioxane	123-91-1	---	360,000	---	2.5	0.56	0.48 U	0.48 U [0.49 U]	0.047 J	0.065 J [0.13 J]	0.36 J	2.4 U
	2,2,4-Trimethylpentane	540-84-1	---	---	---	--	5	3.1 U	3.1 U [3.2 U]	3.3 U	3.3 U [3.4 U]	3.4 U	16 U
	2-Hexanone	591-78-6	---	410,000	---	130	31	2.7 U	2.7 U [0.95 J]	2.9 U	2.9 U [3 U]	3.0 U	14 U
	3-Chloropropene	107-05-1	---	3,000	---	2	0.47	2.1 U	2.1 U [2.1 U]	4.4 U	4.4 UJ [4.6 UJ]	2.3 U	10 U
	4-Ethyltoluene	622-96-8	3.6	---	---	3.6	--	0.65 U	2.3 [2.5]	0.15 J	0.14 J [0.14 J]	0.71 U	3.3 U
	Acetone	67-64-1	98.9	2,400,000	---	98.9	115	7.9 J	7.3 J [9.7 J]	4.1	7.9 [7.6]	22	11 J
	Benzene	71-43-2	9.4	3,195	---	9.4	13	0.56	0.64 [0.64]	0.65	0.67 [0.63]	0.46	0.21 J
	Benzyl chloride (a-chlorotoluene)	100-44-7	<6.8	5,000	---	6.8	0.057	0.69 U	0.69 U [0.71 U]	0.72 U	0.74 U [0.76 U]	0.75 U	3.4 U
	Bromodichloromethane	75-27-4	---	---	---	0.33	0.076	0.89 U	0.90 U [0.92 U]	0.94 U	0.057 J [0.061 J]	0.97 U	4.4 U
	Bromoform	75-25-2	---	5,000	---	11	2.6	1.4 U	1.4 U [1.4 U]	1.4 U	1.5 U [1.5 U]	1.5 U	6.9 U
	Bromomethane	74-83-9	<1.7	80,000	C	1.7	0.5	2.6 U	2.6 U [2.7 U]	2.7 U	2.8 U [2.8 U]	2.8 UJ	13 UJ
	Carbon disulfide	75-15-0	4.2	62,282	---	4.2	730	2.1 U	2.0 J [2.1 U]	2.2 U	2.2 U [2.3 U]	2.2 U	10 U
	Carbon tetrachloride*	56-23-5	<1.3	62,920	---	>0.2 Monitor		0.47	0.47 [0.48]	0.46	0.44 [0.42]	0.33	0.28 J
	Chlorobenzene	108-90-7	<0.9	350,000	---	0.9	0.4	0.61 U	0.62 U [0.63 U]	0.64 U	0.65 U [0.67 U]	0.67 U	3.1 U
	Chloroethane	75-00-3	<1.1	2,600,000	---	1.1	0.4	0.041 J	0.18 U [0.059 J]	0.027 J	0.041 J [0.046 J]	0.10 J	0.88 U
	Chloroform	67-66-3	1.1	240,000	C	1.1	1.2	0.077 J	0.34 [0.33]	0.070 J	0.38 [0.38]	0.15	0.15 J
	Chloromethane	74-87-3	3.7	206,503	---	3.7	4.2	0.90 J	0.84 J [0.97 J]	0.62 J	0.64 J [0.64 J]	1.1 J	0.87 J
	cis-1,2-Dichloroethene*	156-59-2	<1.9	---	---	>0.2 Monitor		0.10 U	0.12 [0.11]	0.11 U	0.069 J [0.064 J]	0.060 J	0.53 U
	cis-1,3-Dichloropropene	10061-01-5	<2.3	---	---	2.3	0.4	0.60 U	0.61 U [0.62 U]	0.64 U	0.64 U [0.66 U]	0.66 U	3.0 U
	Cyclohexane	110-82-7	---	1,050,000	---	26,000	6.3	0.46 U	0.46 U [0.47 U]	2.4 U	2.4 U [2.5 U]	2.5 U	11 U
	Dibromochloromethane	124-48-1	---	---	---	--	--	1.1 U	1.1 U [1.2 U]	1.2 U	1.2 U [1.2 U]	1.2 U	5.7 U
	Dichlorodifluoromethane (Freon 12)	75-71-8	16.5	4,950,000	---	16.5	10	2.3 J	2.2 J [2.4 J]	2.3 J	2.3 J [2.3 J]	2.1 J	2.0 J
	Ethanol	64-17-5	210	1,900,000	---	1,300	210	5.3 J	51 J [57 J]	3.4	580 EJ [550 EJ]	3,000 EJ	1,600 EJ
	Ethylbenzene	100-41-4	5.7	435,000	---	5.7	6.4	0.21	2.1 [1.8]	0.10 J	0.11 J [0.1 J]	0.12 J	0.58 U

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - Jan. 2019		Building 3 - Jan. 2021		Building 3 - Pilot Testing	
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Ambient AMB-3 01/24/19	Indoor IA-3/DUP 01/24/19	Ambient AMB-3 01/14/21	Indoor IA-3 01/14/21	Indoor IA-3 04/29/21	Indoor IA-3 05/06/21
Volatile Organics - TO-15 (ug/m³) (cont.)												
Hexachlorobutadiene	87-68-3	<6.8	---	---	6.8	0.5	7.1 U	7.1 U [7.3 U]	7.5 U	7.6 U [7.8 U]	7.7 U	35 U
Isopropyl alcohol (2-propanol)	67-63-0	250	980,000	---	250	210	1.3 J	4.6 J [5.3 J]	1.4 J	19 [18]	130	68
Isopropylbenzene (cumene)	98-82-8	---	245,000	---	1,800	0.8	0.65 U	0.40 J [0.67 U]	0.69 U	0.053 J [0.057 J]	0.71 U	3.3 U
m,p-Xylene	108-38-3	22.2	---	---	22.2	11	0.65	10 [9.1]	0.29	0.35 [0.3]	0.38	0.28 J
Methyl ethyl ketone (MEK, 2-Butanone)	78-93-3	12	590,000	---	12	16	1.9 J	1.2 J [2.3]	0.50 J	0.94 J [1.3 J]	1.5 J	9.8 U
4-methyl-2-pentanone (MIBK)	108-10-1	6	410,000	---	6	1.9	0.22 J	0.23 J [0.56 U]	0.57 U	0.58 U [0.6 U]	0.59 U	2.7 U
Methyl tert-butyl ether	1634-04-4	11.5	---	---	11.5	14	0.48 U	0.48 U [0.49 U]	0.50 U	0.51 U [0.53 U]	0.52 U	2.4 U
Methylene chloride*	75-09-2	10	86,851	60	>3 Monitor		0.82 J	0.64 J [0.58 J]	0.97 U	0.99 UB [1 U]	0.69 J	4.6 U
Naphthalene	91-20-3	5.1	50,000	---	5.1	0.083	0.35 UB	4.6 J [4.2 J]	0.37 U	0.22 J [0.26 J]	0.22 J	1.7 U
n-Heptane	142-82-5	---	2,000,000	---	1,800	18	0.54 U	0.82 [0.99]	0.23 J	0.29 J [0.27 J]	3.0 U	14 U
n-Hexane	110-54-3	10.2	1,800,000	---	10.2	14	0.76	0.61 [0.71]	0.36 J	0.54 J [0.42 J]	2.6 U	12 U
n-Propylbenzene	103-65-1	---	---	---	4,400	1.5	0.65 U	1.2 [1.2]	0.69 U	0.70 U [0.72 U]	0.71 U	3.3 U
o-Xylene	95-47-6	7.9	---	---	7.9	7.1	0.32	4.1 [3.8]	0.11 J	0.12 [0.12 J]	0.15	0.58 U
Styrene	100-42-5	1.9	425,930	---	1.9	1.4	0.57 U	0.57 U [0.58 U]	0.027 J	0.045 J [0.053 J]	0.52 J	2.8 U
Tetrachloroethene (PCE)*	127-18-4	15.9	678,323	30 (AL-300)	>3 Monitor		0.067 J	0.18 J [0.17 J]	0.13 J	0.74 [0.26]	0.16 J	0.90 U
Tetrahydrofuran	109-99-9	---	590,000	---	8,800	0.8	2.0 U	2.0 U [2.0 U]	2.1 U	2.1 U [2.2 U]	0.93 J	9.8 U
Toluene	108-88-3	43	753,620	---	43	57	0.81	5.0 [4.5]	0.65	0.67 [0.65]	0.58	0.72 J
trans-1,2-Dichloroethene	156-60-5	---	---	---	--	--	0.53 U	0.53 U [0.54 U]	0.56 U	0.56 U [0.58 U]	0.57 U	2.6 U
trans-1,3-Dichloropropene	10061-02-6	<1.3	---	---	1.3	0.25	0.60 U	0.61 U [0.62 U]	0.64 U	0.64 U [0.66 U]	0.66 U	3.0 U
Trichloroethene (TCE)*	79-01-6	4.2	537,423	2 (AL-20)	>0.2 Monitor		0.033 J	0.59 [0.61]	0.023 J	0.54 [0.52]	0.28	0.26 J
Trichlorofluoromethane (Freon 11)	75-69-4	18.1	5,600,000	---	18.1	12	1.4	1.2 [1.2]	1.2	1.4 [1.2]	1.3	1.1 J
Vinyl chloride*	75-01-4	<1.9	2,556	---	>0.2 Monitor		0.034 U	0.034 U [0.035 U]	0.036 U	0.036 U [0.037 U]	0.037 U	0.17 U
Volatile Organics-TIC (ppbv)												
Ethyl acetate	141-78-6	5.4	1,400,000	---	--	--	NR	NR	NR	NR	NR	NR
Isobutanol	78-83-1	---	---	---	4,400	1,000	NR	NR	NR	NR	NR	NR
Pentane	109-66-0	---	2,950,000	---	260	2.5	NR	0.93 JN [1.6 JN]	NR	1.6 [1.3]	NR	NR
Propylene	526-73-8	---	---	---	--	--	NR	0.89 JN [1.2 JN]	NR	NR	2.1 NJ	NR

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - Pilot Testing (cont.)				Building 3 - June 2021	
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Indoor IA-3 05/13/21	Indoor IA-3 05/20/21	Indoor EFFLUENT-1 05/20/21	Indoor INFLUENT-1 05/20/21	Ambient AA-3 06/24/21	Indoor IA-3 06/24/21
Volatile Organics - TO-15 (ug/m³)												
	71-55-6	20.6	1,900,000	---	>0.2 Monitor		1.6 U	0.014 J	0.0068 J	0.014 J	0.0082 J	0.013 J [0.015 J]
	79-34-5	---	35,000	---	0.21	0.4	2.0 U	0.19 U	0.18 U	0.16 U	0.21 U	0.19 U [0.19 U]
	76-13-1	---	7,600,000	---	3.5	2.5	11 U	0.36 J	0.26 J	0.41 J	0.46 J	0.42 J [0.38 J]
	79-00-5	<1.5	45,000	---	1.5	0.4	1.6 U	0.15 U	0.15 U	0.13 U	0.16 U	0.15 U [0.15 U]
	75-34-3	<0.7	400,000	---	0.7	0.4	1.2 U	0.11 U	0.11 U	0.094 U	0.12 U	0.11 U [0.11 U]
	75-35-4	<1.4	---	---	>0.2 Monitor		0.57 U	0.056 U	0.053 U	0.046 U	0.060 U	0.056 U [0.055 U]
	120-82-1	---	---	---	6.8	0.5	53 U	5.3 U	5.0 U	4.3 U	5.6 U	5.3 U [5.2 U]
	95-63-6	<6.8	---	---	9.5	9.8	7.0 U	0.19 J	0.66 U	0.20 J	0.74 U	0.70 U [0.68 U]
	106-93-4	<1.5	153,685	---	1.5	0.4	2.2 U	0.024 J	0.20 U	0.021 J	0.23 U	0.22 U [0.21 U]
	76-14-2	---	7,000,000	---	6.8	0.4	2.0 U	0.12 J	0.15 J	0.12 J	0.10 J	0.092 J [0.095 J]
	95-50-1	<1.2	300,000	C	1.2	0.5	8.6 U	0.85 U	0.80 U	0.70 U	0.91 U	0.85 U [0.84 U]
	107-06-2	<0.9	202,372	---	0.9	0.4	1.2 U	0.057 J	0.037 J	0.087 J	0.049 J	0.042 J [0.043 J]
	78-87-5	<1.6	350,000	---	1.6	0.4	6.6 U	0.66 U	0.62 U	0.26 J	0.70 U	0.66 U [0.64 U]
	108-67-8	3.7	---	---	3.7	3.9	7.0 U	0.70 U	0.66 U	0.57 U	0.74 U	0.70 U [0.68 U]
	106-99-0	<3.0	2,212	---	3	0.094	3.2 U	0.31 U	0.30 U	0.26 U	0.33 U	0.31 U [0.31 U]
	541-73-1	<2.4	---	---	2.4	0.5	8.6 U	0.85 U	0.80 U	0.70 U	0.91 U	0.85 U [0.84 U]
	106-46-7	5.5	---	---	5.5	1.2	1.7 U	0.17 U	0.16 U	0.14 U	0.18 U	0.17 U [0.17 U]
	123-91-1	---	360,000	---	2.5	0.56	5.2 U	0.38 J	0.093 J	0.14 J	0.098 J	0.14 J [0.19 J]
	540-84-1	---	---	---	--	5	33 U	3.3 U	3.1 U	2.7 U	3.5 U	3.3 U [3.2 U]
	591-78-6	---	410,000	---	130	31	29 U	2.9 U	2.7 U	2.4 U	3.1 U	2.9 U [0.19 J]
	107-05-1	---	3,000	---	2	0.47	22 U	2.2 U	2.1 U	1.8 U	2.4 UJ	2.2 UJ [2.2 UJ]
	622-96-8	3.6	---	---	3.6	--	7.0 U	0.15 J	0.66 U	0.17 J	0.74 U	0.70 U [0.68 U]
	67-64-1	98.9	2,400,000	---	98.9	115	11 J	27	14	24	9.9	11 [12]
	71-43-2	9.4	3,195	---	9.4	13	2.3 U	0.22 J	0.21 UB	0.23	0.10 J	0.11 J [0.12 J]
	100-44-7	<6.8	5,000	---	6.8	0.057	7.4 U	0.74 U	0.69 U	0.60 U	0.78 U	0.74 U [0.72 U]
	75-27-4	---	---	---	0.33	0.076	9.6 U	0.95 U	0.90 U	0.78 U	1.0 U	0.95 U [0.93 U]
	75-25-2	---	5,000	---	11	2.6	15 U	1.5 U	1.4 U	1.2 U	1.6 U	1.5 U [1.4 U]
	74-83-9	<1.7	80,000	C	1.7	0.5	28 U	2.8 U	2.6 U	2.2 U	2.9 U	2.8 U [2.7 U]
	75-15-0	4.2	62,282	---	4.2	730	22 U	2.2 U	2.1 U	1.4 J	2.4 U	2.2 U [0.65 J]
	56-23-5	<1.3	62,920	---	>0.2 Monitor		1.8 U	0.30	0.092 J	0.32	0.40	0.32 [0.33]
	108-90-7	<0.9	350,000	---	0.9	0.4	6.6 U	0.65 U	0.62 U	0.53 U	0.70 U	0.65 U [0.64 U]
	75-00-3	<1.1	2,600,000	---	1.1	0.4	1.9 U	0.10 J	0.052 J	0.051 J	0.030 J	0.041 J [0.026 J]
	67-66-3	1.1	240,000	C	1.1	1.2	1.4 U	0.24	0.29	0.36	0.065 J	0.14 [0.15]
	74-87-3	3.7	206,503	---	3.7	4.2	1.0 J	0.98 J	0.86 J	0.93 J	0.71 J	0.74 J [0.74 J]
	156-59-2	<1.9	---	---	>0.2 Monitor		1.1 U	0.042 J	0.072 J	0.039 J	0.12 U	0.021 J [0.022 J]
	10061-01-5	<2.3	---	---	2.3	0.4	6.5 U	0.64 U	0.61 U	0.53 U	0.68 U	0.64 U [0.63 U]
	110-82-7	---	1,050,000	---	26,000	6.3	25 U	2.4 U	2.3 U	0.36 J	0.21 J	2.4 U [1.6 J]
	124-48-1	---	---	---	--	--	12 U	1.2 U	1.1 U	0.99 U	1.3 U	1.2 U [1.2 U]
	75-71-8	16.5	4,950,000	---	16.5	10	2.3 J	2.4 J	2.2 J	2.3 J	2.1 J	2.2 J [2.2 J]
	64-17-5	210	1,900,000	---	1,300	210	3,300 E	1,100 EJ	840 EJ	560 EJ	1.9 J	100 J [100 J]
	100-41-4	5.7	435,000	---	5.7	6.4	1.2 U	0.12	0.12 UB	0.19	0.044 J	0.058 J [0.065 J]

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - Pilot Testing (cont.)				Building 3 - June 2021	
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Indoor IA-3 05/13/21	Indoor IA-3 05/20/21	Indoor EFFLUENT-1 05/20/21	Indoor INFLUENT-1 05/20/21	Ambient AA-3 06/24/21	Indoor IA-3 06/24/21
Volatile Organics - TO-15 (ug/m³) (cont.)												
Hexachlorobutadiene	87-68-3	<6.8	---	---	6.8	0.5	76 U	7.6 U	7.1 U	6.2 U	8.0 U	7.6 U [7.4 U]
Isopropyl alcohol (2-propanol)	67-63-0	250	980,000	---	250	210	82	42	88	49	2.6	6.2 [6.4]
Isopropylbenzene (cumene)	98-82-8	---	245,000	---	1,800	0.8	7.0 U	0.70 U	0.66 U	0.073 J	0.74 U	0.70 U [0.68 U]
m,p-Xylene	108-38-3	22.2	---	---	22.2	11	2.5 U	0.39	0.23 UB	0.52	0.15 J	0.20 J [0.22 J]
Methyl ethyl ketone (MEK, 2-Butanone)	78-93-3	12	590,000	---	12	16	21 U	1.6 J	2.0 U	3.9	1.0 J	1.1 J [1.4 J]
4-methyl-2-pentanone (MIBK)	108-10-1	6	410,000	---	6	1.9	5.8 U	0.19 J	0.55 U	0.21 J	0.62 U	0.14 J [0.15 J]
Methyl tert-butyl ether	1634-04-4	11.5	---	---	11.5	14	5.2 U	0.51 U	0.48 U	0.032 J	0.54 U	0.51 U [0.5 U]
Methylene chloride*	75-09-2	10	86,851	60	>3 Monitor		9.9 U	2.5 U	2.3 U	0.92 J	1.0 U	0.99 U [0.96 U]
Naphthalene	91-20-3	5.1	50,000	---	5.1	0.083	3.7 U	0.61	0.35 U	0.67	0.12 J	0.43 [0.42]
n-Heptane	142-82-5	---	2,000,000	---	1,800	18	29 U	0.60 J	2.7 U	0.50 J	3.1 U	2.9 U [2.8 U]
n-Hexane	110-54-3	10.2	1,800,000	---	10.2	14	25 U	0.18 J	2.4 U	0.45 J	2.7 U	2.5 U [2.4 U]
n-Propylbenzene	103-65-1	---	---	---	4,400	1.5	7.0 U	0.70 U	0.66 U	0.57 U	0.74 U	0.70 U [0.68 U]
o-Xylene	95-47-6	7.9	---	---	7.9	7.1	1.2 U	0.15	0.013 J	0.22	0.052 J	0.071 J [0.093 J]
Styrene	100-42-5	1.9	425,930	---	1.9	1.4	6.1 U	0.14 J	0.081 J	0.078 J	0.64 U	0.070 J [0.093 J]
Tetrachloroethene (PCE)*	127-18-4	15.9	678,323	30 (AL-300)	>3 Monitor		1.9 U	0.20	0.015 J	0.18	0.048 J	0.082 J [0.06 J]
Tetrahydrofuran	109-99-9	---	590,000	---	8,800	0.8	21 U	0.57 J	0.36 J	0.40 J	2.2 U	2.1 U [0.22 J]
Toluene	108-88-3	43	753,620	---	43	57	0.70 J	0.52	0.018 J	16	0.24 J	0.45 [0.51]
trans-1,2-Dichloroethene	156-60-5	---	---	---	--	--	5.7 U	0.56 U	0.013 J	0.012 J	0.60 U	0.56 U [0.55 U]
trans-1,3-Dichloropropene	10061-02-6	<1.3	---	---	1.3	0.25	6.5 U	0.64 U	0.61 U	0.53 U	0.68 U	0.64 U [0.63 U]
Trichloroethene (TCE)*	79-01-6	4.2	537,423	2 (AL-20)	>0.2 Monitor		0.51 UB	0.053 J	0.14 U	0.058 J	0.017 J	0.16 [0.15]
Trichlorofluoromethane (Freon 11)	75-69-4	18.1	5,600,000	---	18.1	12	8.0 U	1.4	1.9	1.4	1.2	1.1 [1.1]
Vinyl chloride*	75-01-4	<1.9	2,556	---	>0.2 Monitor		0.36 U	0.036 U	0.034 U	0.030 U	0.038 U	0.036 U [0.036 U]
Volatile Organics-TIC (ppbv)												
Ethyl acetate	141-78-6	5.4	1,400,000	---	--	--	NR	NR	NR	NR	NR	NR
Isobutanol	78-83-1	---	---	---	4,400	1,000	NR	NR	NR	1.1 NJ	NR	NR
Pentane	109-66-0	---	2,950,000	---	260	2.5	NR	1.1 NJ	NR	5.8 NJ	NR	1.6 NJ [1.6 NJ]
Propylene	526-73-8	---	---	---	--	--	NR	NR	NR	NR	NR	NR

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - July 2021		Building 3 - August 2021		Building 3 - Sept 2021		
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Ambient AMB-072221 07/22/21	Indoor IA-3 07/22/21	Ambient AA-3 08/19/21	Indoor IA-3 08/19/21	Ambient AA-3 09/16/21	Indoor IA-3 09/16/21	
Volatile Organics - TO-15 (ug/m³)													
	1,1,1-Trichloroethane*	71-55-6	20.6	1,900,000	---	>0.2 Monitor		0.0085 J	0.022 J [0.02 J]	0.16 U	0.024 J [0.02 J]	0.16 U	0.020 J [0.023 J]
	1,1,2,2-Tetrachloroethane	79-34-5	---	35,000	---	0.21	0.4	0.20 U	0.20 U [0.21 U]	0.20 U	0.19 U [0.19 U]	0.20 U	0.20 U [0.19 U]
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	---	7,600,000	---	3.5	2.5	0.52 J	0.47 J [0.46 J]	0.46 J	0.54 J [0.43 J]	0.40 J	0.41 J [0.49 J]
	1,1,2-Trichloroethane	79-00-5	<1.5	45,000	---	1.5	0.4	0.16 U	0.16 U [0.16 U]	0.16 U	0.15 U [0.15 U]	0.16 U	0.16 U [0.15 U]
	1,1-Dichloroethane	75-34-3	<0.7	400,000	---	0.7	0.4	0.12 U	0.12 U [0.12 U]	0.12 U	0.11 U [0.11 U]	0.12 U	0.020 J [0.016 J]
	1,1-Dichloroethene*	75-35-4	<1.4	---	---	>0.2 Monitor		0.059 U	0.057 U [0.06 U]	0.058 U	0.056 U [0.056 U]	0.059 U	0.057 U [0.056 U]
	1,2,4-Trichlorobenzene	120-82-1	---	---	---	6.8	0.5	5.6 U	5.3 U [5.6 U]	5.4 U	5.3 U [5.2 U]	5.6 U	5.3 U [5.3 U]
	1,2,4-Trimethylbenzene	95-63-6	<6.8	---	---	9.5	9.8	0.74 U	0.15 J [0.15 J]	0.25 J	0.14 J [0.12 J]	0.74 U	0.70 U [0.7 U]
	1,2-Dibromoethane (EDB)	106-93-4	<1.5	153,685	---	1.5	0.4	0.23 U	0.22 U [0.23 U]	0.22 U	0.22 U [0.22 U]	0.23 U	0.22 U [0.22 U]
	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	76-14-2	---	7,000,000	---	6.8	0.4	0.10 J	0.10 J [0.098 J]	0.12 J	0.11 J [0.12 J]	0.12 J	0.090 J [0.1 J]
	1,2-Dichlorobenzene	95-50-1	<1.2	300,000	C	1.2	0.5	0.90 U	0.86 U [0.91 U]	0.88 U	0.85 U [0.85 U]	0.90 U	0.86 U [0.85 U]
	1,2-Dichloroethane	107-06-2	<0.9	202,372	---	0.9	0.4	0.038 J	0.044 J [0.043 J]	0.049 J	0.059 J [0.058 J]	0.047 J	0.050 J [0.04 J]
	1,2-Dichloropropane	78-87-5	<1.6	350,000	---	1.6	0.4	0.69 U	0.66 U [0.7 U]	0.67 U	0.66 U [0.65 U]	0.69 U	0.66 U [0.66 U]
	1,3,5-Trimethylbenzene	108-67-8	3.7	---	---	3.7	3.9	0.74 U	0.71 U [0.75 U]	0.72 U	0.70 U [0.69 U]	0.74 U	0.70 U [0.7 U]
	1,3-Butadiene	106-99-0	<3.0	2,212	---	3	0.094	0.33 U	0.32 U [0.34 U]	0.32 U	0.31 U [0.31 U]	0.33 U	0.32 U [0.31 U]
	1,3-Dichlorobenzene	541-73-1	<2.4	---	---	2.4	0.5	0.90 U	0.86 U [0.91 U]	0.88 U	0.85 U [0.85 U]	0.90 U	0.86 U [0.85 U]
	1,4-Dichlorobenzene	106-46-7	5.5	---	---	5.5	1.2	0.18 U	0.17 U [0.18 U]	0.18 U	0.17 U [0.17 U]	0.18 U	0.17 U [0.17 U]
	1,4-Dioxane	123-91-1	---	360,000	---	2.5	0.56	0.13 J	0.26 J [0.44 J]	0.53 U	0.51 U [0.51 U]	0.19 J	0.52 U [0.18 J]
	2,2,4-Trimethylpentane	540-84-1	---	---	---	--	5	3.5 U	3.4 U [3.6 U]	3.4 U	3.3 U [3.3 U]	3.5 U	0.45 J [3.3 U]
	2-Hexanone	591-78-6	---	410,000	---	130	31	3.1 U	2.9 U [0.23 J]	3.0 U	2.9 U [2.9 U]	3.1 U	2.9 U [2.9 U]
	3-Chloropropene	107-05-1	---	3,000	---	2	0.47	2.3 UJ	2.2 UJ [2.4 UJ]	2.3 U	2.2 U [2.2 U]	2.3 U	2.2 U [2.2 U]
	4-Ethyltoluene	622-96-8	3.6	---	---	3.6	--	0.74 U	0.14 J [0.14 J]	0.72 U	0.074 J [0.69 U]	0.74 U	0.70 U [0.7 U]
	Acetone	67-64-1	98.9	2,400,000	---	98.9	115	5.0	23 [17]	10	11 [18]	110	40 [36]
	Benzene	71-43-2	9.4	3,195	---	9.4	13	0.16 J	0.20 J [0.23 J]	0.24	0.21 J [0.21 J]	0.26	0.29 [0.32]
	Benzyl chloride (a-chlorotoluene)	100-44-7	<6.8	5,000	---	6.8	0.057	0.78 U	0.74 U [0.79 U]	0.76 U	0.74 U [0.73 U]	0.78 U	0.74 U [0.74 U]
	Bromodichloromethane	75-27-4	---	---	---	0.33	0.076	1.0 U	0.96 U [1 U]	0.98 U	0.95 U [0.94 U]	1.0 U	0.96 U [0.95 U]
	Bromoform	75-25-2	---	5,000	---	11	2.6	1.6 U	1.5 U [1.6 U]	1.5 U	1.5 U [1.4 U]	1.6 U	1.5 U [1.5 U]
	Bromomethane	74-83-9	<1.7	80,000	C	1.7	0.5	2.9 U	2.8 U [3 U]	2.8 U	2.8 U [2.7 U]	2.9 U	2.8 U [2.8 U]
	Carbon disulfide	75-15-0	4.2	62,282	---	4.2	730	2.3 U	2.2 UB [2.4 U]	2.3 U	0.22 J [0.2 J]	2.3 U	2.2 U [2.2 U]
	Carbon tetrachloride*	56-23-5	<1.3	62,920	---	>0.2 Monitor		0.44	0.43 [0.42]	0.48	0.51 [0.51]	0.49	0.48 [0.47]
	Chlorobenzene	108-90-7	<0.9	350,000	---	0.9	0.4	0.69 U	0.66 U [0.7 U]	0.67 U	0.65 U [0.65 U]	0.69 U	0.66 U [0.65 U]
	Chloroethane	75-00-3	<1.1	2,600,000	---	1.1	0.4	0.20 U	0.049 J [0.068 J]	0.19 U	0.19 U [0.19 U]	0.20 U	0.19 U [0.19 U]
	Chloroform	67-66-3	1.1	240,000	C	1.1	1.2	0.075 J	0.28 [0.27]	0.071 J	0.35 [0.33]	0.087 J	0.31 [0.3]
	Chloromethane	74-87-3	3.7	206,503	---	3.7	4.2	0.62 J	0.73 J [1.1 J]	1.0 J	1.0 J [1 J]	1.1 J	1.0 J [0.86 J]
	cis-1,2-Dichloroethene*	156-59-2	<1.9	---	---	>0.2 Monitor		0.12 U	0.020 J [0.026 J]	0.12 U	0.11 J [0.11 U]	0.12 U	0.030 J [0.034 J]
	cis-1,3-Dichloropropene	10061-01-5	<2.3	---	---	2.3	0.4	0.68 U	0.65 U [0.69 U]	0.66 U	0.64 U [0.64 U]	0.68 U	0.65 U [0.64 U]
	Cyclohexane	110-82-7	---	1,050,000	---	26,000	6.3	2.6 U	2.5 U [2.6 U]	2.5 U	2.4 U [2.4 U]	2.6 U	2.5 U [2.4 U]
	Dibromochloromethane	124-48-1	---	---	---	--	--	1.3 U	1.2 U [1.3 U]	1.2 U	1.2 U [1.2 U]	1.3 U	1.2 U [1.2 U]
	Dichlorodifluoromethane (Freon 12)	75-71-8	16.5	4,950,000	---	16.5	10	2.3 J	2.3 J [2.3 J]	2.5 J	2.5 J [2.4 J]	2.2 J	2.2 J [2 J]
	Ethanol	64-17-5	210	1,900,000	---	1,300	210	1.6	93 [95]	4.3	270 EJ [270 EJ]	5.8	100 [97]
	Ethylbenzene	100-41-4	5.7	435,000	---	5.7	6.4	0.063 J	0.093 J [0.096 J]	0.078 J	0.080 J [0.085 J]	0.11 J	0.13 [0.13]

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - July 2021		Building 3 - August 2021		Building 3 - Sept 2021	
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Ambient AMB-072221 07/22/21	Indoor IA-3 07/22/21	Ambient AA-3 08/19/21	Indoor IA-3 08/19/21	Ambient AA-3 09/16/21	Indoor IA-3 09/16/21
Volatile Organics - TO-15 (ug/m³) (cont.)												
Hexachlorobutadiene	87-68-3	<6.8	---	---	6.8	0.5	8.0 U	7.7 U [8.1 U]	7.8 U	7.6 U [7.5 U]	8.0 U	7.6 U [7.6 U]
Isopropyl alcohol (2-propanol)	67-63-0	250	980,000	---	250	210	2.9	28 [28]	3.8 J	41 J [41 J]	11	42 [33]
Isopropylbenzene (cumene)	98-82-8	---	245,000	---	1,800	0.8	0.74 U	0.71 U [0.75 U]	0.72 U	0.70 U [0.69 U]	0.74 U	0.70 U [0.7 U]
m,p-Xylene	108-38-3	22.2	---	---	22.2	11	0.21 J	0.32 [0.29]	0.31	0.21 J [0.27]	0.44	0.41 [0.43]
Methyl ethyl ketone (MEK, 2-Butanone)	78-93-3	12	590,000	---	12	16	2.2 U	0.85 J [1.2 J]	0.60 J	0.46 J [0.85 J]	2.2 U	2.1 U [2.1 U]
4-methyl-2-pentanone (MIBK)	108-10-1	6	410,000	---	6	1.9	0.61 U	0.16 J [0.14 J]	0.60 U	0.58 U [0.58 U]	0.61 U	0.58 U [0.58 U]
Methyl tert-butyl ether	1634-04-4	11.5	---	---	11.5	14	0.54 U	0.52 U [0.55 U]	0.53 U	0.51 U [0.51 U]	0.54 U	0.52 U [0.51 U]
Methylene chloride*	75-09-2	10	86,851	60	>3 Monitor		1.0 U	1.0 U [1 U]	0.49 J	0.38 J [0.43 J]	0.55 J	0.60 J [0.5 J]
Naphthalene	91-20-3	5.1	50,000	---	5.1	0.083	0.11 J	0.13 J [0.5]	0.38 U	0.39 J [0.4 J]	0.39 U	0.37 UB [0.37 UB]
n-Heptane	142-82-5	---	2,000,000	---	1,800	18	3.1 U	0.27 J [3.1 U]	3.0 U	2.9 U [2.9 U]	3.1 U	2.9 U [2.9 U]
n-Hexane	110-54-3	10.2	1,800,000	---	10.2	14	2.6 U	0.19 J [2.7 U]	2.6 U	2.5 U [2.5 U]	2.6 U	2.5 U [0.22 J]
n-Propylbenzene	103-65-1	---	---	---	4,400	1.5	0.74 U	0.71 U [0.75 U]	0.72 U	0.70 U [0.69 U]	0.74 U	0.70 U [0.7 U]
o-Xylene	95-47-6	7.9	---	---	7.9	7.1	0.088 J	0.13 [0.13]	0.14	0.086 J [0.11 J]	0.17	0.16 [0.17]
Styrene	100-42-5	1.9	425,930	---	1.9	1.4	0.64 U	0.11 J [0.13 J]	0.62 U	0.60 U [0.6 U]	0.64 U	0.61 U [0.6 U]
Tetrachloroethene (PCE)*	127-18-4	15.9	678,323	30 (AL-300)	>3 Monitor		0.11 J	0.43 [0.25]	0.22	0.29 [0.27]	0.11 J	0.17 J [0.18 J]
Tetrahydrofuran	109-99-9	---	590,000	---	8,800	0.8	2.2 U	0.35 J [0.38 J]	2.2 U	1.1 J [2 J]	2.2 U	2.1 UJ [8.5 J]
Toluene	108-88-3	43	753,620	---	43	57	0.35	0.95 [0.94]	0.54	0.46 [0.48]	4.6	1.9 [1.8]
trans-1,2-Dichloroethene	156-60-5	---	---	---	--	--	0.59 U	0.57 U [0.6 U]	0.58 U	0.56 U [0.56 U]	0.59 U	0.57 U [0.56 U]
trans-1,3-Dichloropropene	10061-02-6	<1.3	---	---	1.3	0.25	0.68 U	0.65 U [0.69 U]	0.66 U	0.64 U [0.64 U]	0.68 U	0.65 U [0.64 U]
Trichloroethene (TCE)*	79-01-6	4.2	537,423	2 (AL-20)	>0.2 Monitor		0.16 U	0.20 [0.11 J]	0.22	0.11 J [0.098 J]	0.16 U	0.18 [0.17]
Trichlorofluoromethane (Freon 11)	75-69-4	18.1	5,600,000	---	18.1	12	1.2	1.2 [1.2]	1.1	1.4 [1.4]	1.1	1.2 [1.3]
Vinyl chloride*	75-01-4	<1.9	2,556	---	>0.2 Monitor		0.038 U	0.0080 J [0.039 U]	0.037 U	0.036 U [0.036 U]	0.038 U	0.036 U [0.036 U]
Volatile Organics-TIC (ppbv)												
Ethyl acetate	141-78-6	5.4	1,400,000	---	--	--	NR	1.4 NJ [1.6 NJ]	NR	NR	NR	NR
Isobutanol	78-83-1	---	---	---	4,400	1,000	NR	NR	NR	NR	NR	NR
Pentane	109-66-0	---	2,950,000	---	260	2.5	NR	0.88 NJ [0.88 NJ]	NR	NR	NR	NR
Propylene	526-73-8	---	---	---	--	--	NR	3.2 NJ	NR	NR	NR	NR

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - Oct. 2021		Building 3 - Nov. 2021		Building 3 - Dec. 2021		
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Ambient AA-3 10/26/21	Indoor IA-3 10/26/21	Ambient AA-3 11/23/21	Indoor IA-3 11/23/21	Ambient AA-3 12/16/21	Indoor IA-3 12/16/21	
Volatile Organics - TO-15 (ug/m³)													
	1,1,1-Trichloroethane*	71-55-6	20.6	1,900,000	---	>0.2 Monitor		0.010 J	0.040 J [0.042 J]	0.15 U	0.034 J [0.032 J]	0.15 U	0.012 J [0.016 J]
	1,1,2,2-Tetrachloroethane	79-34-5	---	35,000	---	0.21	0.4	0.19 U	0.21 U [0.21 U]	0.19 U	0.19 U [0.2 U]	0.19 U	0.20 U [0.2 U]
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	---	7,600,000	---	3.5	2.5	0.47 J	0.44 J [0.44 J]	0.45 J	0.34 J [0.4 J]	0.50 J	0.43 J [0.39 J]
	1,1,2-Trichloroethane	79-00-5	<1.5	45,000	---	1.5	0.4	0.15 U	0.16 U [0.16 U]	0.15 U	0.15 U [0.16 U]	0.15 U	0.16 U [0.16 U]
	1,1-Dichloroethane	75-34-3	<0.7	400,000	---	0.7	0.4	0.11 U	0.12 U [0.12 U]	0.11 U	0.020 J [0.02 J]	0.11 U	0.014 J [0.012 J]
	1,1-Dichloroethene*	75-35-4	<1.4	---	---	>0.2 Monitor		0.056 U	0.060 U [0.06 U]	0.054 U	0.056 U [0.059 U]	0.056 U	0.059 U [0.058 U]
	1,2,4-Trichlorobenzene	120-82-1	---	---	---	6.8	0.5	5.3 U	5.6 U [5.6 U]	5.0 U	5.2 U [5.5 U]	5.3 U	5.5 U [5.4 U]
	1,2,4-Trimethylbenzene	95-63-6	<6.8	---	---	9.5	9.8	0.23 J	0.14 J [0.74 U]	0.15 J	0.69 U [0.1 J]	0.70 U	0.20 J [0.19 J]
	1,2-Dibromoethane (EDB)	106-93-4	<1.5	153,685	---	1.5	0.4	0.22 U	0.23 U [0.23 U]	0.21 U	0.22 U [0.23 U]	0.22 U	0.23 U [0.22 U]
	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	76-14-2	---	7,000,000	---	6.8	0.4	0.11 J	0.12 J [0.12 J]	0.11 J	0.098 J [0.11 J]	0.20 UB	0.21 UB [0.2 UB]
	1,2-Dichlorobenzene	95-50-1	<1.2	300,000	C	1.2	0.5	0.85 U	0.91 U [0.91 U]	0.82 U	0.84 U [0.89 U]	0.85 U	0.89 U [0.88 U]
	1,2-Dichloroethane	107-06-2	<0.9	202,372	---	0.9	0.4	0.049 J	0.046 J [0.046 J]	0.040 J	0.032 J [0.029 J]	0.040 J	0.031 J [0.038 J]
	1,2-Dichloropropane	78-87-5	<1.6	350,000	---	1.6	0.4	0.66 U	0.70 U [0.7 U]	0.63 U	0.65 U [0.68 U]	0.66 U	0.68 U [0.67 U]
	1,3,5-Trimethylbenzene	108-67-8	3.7	---	---	3.7	3.9	0.70 U	0.74 U [0.74 U]	0.67 U	0.69 U [0.73 U]	0.70 U	0.73 U [0.72 U]
	1,3-Butadiene	106-99-0	<3.0	2,212	---	3	0.094	0.31 U	0.33 U [0.33 U]	0.30 U	0.31 U [0.33 U]	0.31 U	0.33 U [0.32 U]
	1,3-Dichlorobenzene	541-73-1	<2.4	---	---	2.4	0.5	0.85 U	0.91 U [0.91 U]	0.82 U	0.84 U [0.89 U]	0.85 U	0.89 U [0.88 U]
	1,4-Dichlorobenzene	106-46-7	5.5	---	---	5.5	1.2	0.17 U	0.18 U [0.18 U]	0.16 U	0.17 U [0.18 U]	0.17 U	0.18 U [0.18 U]
	1,4-Dioxane	123-91-1	---	360,000	---	2.5	0.56	0.25 J	0.19 J [0.19 J]	0.13 J	0.50 U [0.53 U]	0.51 U	0.23 J [0.53 U]
	2,2,4-Trimethylpentane	540-84-1	---	---	---	--	5	0.56 J	3.5 U [3.5 U]	3.2 U	3.3 U [3.4 U]	3.3 U	0.59 J [0.71 J]
	2-Hexanone	591-78-6	---	410,000	---	130	31	2.9 U	3.1 U [3.1 U]	2.8 U	2.9 U [3 U]	2.9 U	3.0 U [3 U]
	3-Chloropropene	107-05-1	---	3,000	---	2	0.47	2.2 U	2.4 U [2.4 U]	2.1 U	2.2 U [2.3 U]	2.2 U	2.3 U [2.3 U]
	4-Ethyltoluene	622-96-8	3.6	---	---	3.6	--	0.23 J	0.74 U [0.74 U]	0.67 U	0.094 J [0.73 U]	0.70 U	0.089 J [0.2 J]
	Acetone	67-64-1	98.9	2,400,000	---	98.9	115	16	13 [16]	8.2	8.0 [9.6]	3.8	9.8 [8.7]
	Benzene	71-43-2	9.4	3,195	---	9.4	13	0.55	0.24 [0.24]	0.37	0.22 J [0.23 J]	0.23	0.28 [0.28]
	Benzyl chloride (a-chlorotoluene)	100-44-7	<6.8	5,000	---	6.8	0.057	0.74 U	0.78 U [0.78 U]	0.70 U	0.72 U [0.77 U]	0.74 U	0.77 U [0.76 U]
	Bromodichloromethane	75-27-4	---	---	---	0.33	0.076	0.95 U	1.0 U [1 U]	0.91 U	0.94 U [0.99 U]	0.95 U	0.99 U [0.98 U]
	Bromoform	75-25-2	---	5,000	---	11	2.6	1.5 U	1.6 U [1.6 U]	1.4 U	1.4 U [1.5 U]	1.5 U	1.5 U [1.5 U]
	Bromomethane	74-83-9	<1.7	80,000	C	1.7	0.5	2.8 U	2.9 U [2.9 U]	2.6 U	2.7 U [2.9 U]	2.8 U	2.9 U [2.8 U]
	Carbon disulfide	75-15-0	4.2	62,282	---	4.2	730	2.2 U	2.4 U [0.88 J]	2.1 U	2.2 U [2.3 U]	2.2 U	2.3 U [2.3 U]
	Carbon tetrachloride*	56-23-5	<1.3	62,920	---	>0.2 Monitor		0.41	0.36 [0.37]	0.35	0.26 [0.26]	0.40	0.26 [0.28]
	Chlorobenzene	108-90-7	<0.9	350,000	---	0.9	0.4	0.65 U	0.70 U [0.7 U]	0.63 U	0.64 U [0.68 U]	0.65 U	0.68 U [0.67 U]
	Chloroethane	75-00-3	<1.1	2,600,000	---	1.1	0.4	0.049 J	0.022 J [0.028 J]	0.18 U	0.18 U [0.2 U]	0.19 U	0.20 U [0.19 U]
	Chloroform	67-66-3	1.1	240,000	C	1.1	1.2	0.13 J	0.55 [0.56]	0.080 J	0.38 [0.36]	0.14 UB	0.27 [0.26]
	Chloromethane	74-87-3	3.7	206,503	---	3.7	4.2	0.78 J	0.73 J [0.76 J]	0.71 J	0.79 J [0.83 J]	0.98 J	0.88 J [0.81 J]
	cis-1,2-Dichloroethene*	156-59-2	<1.9	---	---	>0.2 Monitor		0.11 U	0.077 J [0.077 J]	0.11 U	0.073 J [0.066 J]	0.11 U	0.12 UB [0.12 UB]
	cis-1,3-Dichloropropene	10061-01-5	<2.3	---	---	2.3	0.4	0.64 U	0.68 U [0.68 U]	0.62 U	0.64 U [0.67 U]	0.64 U	0.67 U [0.66 U]
	Cyclohexane	110-82-7	---	1,050,000	---	26,000	6.3	0.27 J	2.6 U [2.6 U]	2.3 U	2.4 U [2.5 U]	2.4 U	2.5 U [2.5 U]
	Dibromochloromethane	124-48-1	---	---	---	--	--	1.2 U	1.3 U [1.3 U]	1.2 U	1.2 U [1.3 U]	1.2 U	1.3 U [1.2 U]
	Dichlorodifluoromethane (Freon 12)	75-71-8	16.5	4,950,000	---	16.5	10	2.5 J	2.6 J [2.6 J]	1.9 J	1.9 J [1.9 J]	1.9 J	2.0 J [1.9 J]
	Ethanol	64-17-5	210	1,900,000	---	1,300	210	9.8	160 EJ [170 EJ]	3.2	220 EJ [250 EJ]	3.7	240 EJ [230 EJ]
	Ethylbenzene	100-41-4	5.7	435,000	---	5.7	6.4	0.20	0.097 J [0.074 J]	0.14	0.073 J [0.073 J]	0.12 UB	0.30 [0.29]

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - Oct. 2021		Building 3 - Nov. 2021		Building 3 - Dec. 2021	
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Ambient AA-3 10/26/21	Indoor IA-3 10/26/21	Ambient AA-3 11/23/21	Indoor IA-3 11/23/21	Ambient AA-3 12/16/21	Indoor IA-3 12/16/21
Volatile Organics - TO-15 (ug/m³) (cont.)												
Hexachlorobutadiene	87-68-3	<6.8	---	---	6.8	0.5	7.6 U	8.0 U [8 U]	7.2 U	7.5 U [7.9 U]	7.6 U	7.9 U [7.8 U]
Isopropyl alcohol (2-propanol)	67-63-0	250	980,000	---	250	210	14	25 [27]	5.7	16 [19]	3.1 J	16 [21]
Isopropylbenzene (cumene)	98-82-8	---	245,000	---	1,800	0.8	0.70 U	0.74 U [0.74 U]	0.67 U	0.69 U [0.73 U]	0.70 U	0.73 U [0.72 U]
m,p-Xylene	108-38-3	22.2	---	---	22.2	11	0.66	0.34 [0.24 J]	0.50	0.24 [0.25 J]	0.21 J	1.0 [1]
Methyl ethyl ketone (MEK, 2-Butanone)	78-93-3	12	590,000	---	12	16	1.3 J	0.59 J [1.5 J]	2.0 U	2.1 U [0.55 J]	2.1 U	0.96 J [2.2 U]
4-methyl-2-pentanone (MIBK)	108-10-1	6	410,000	---	6	1.9	0.58 U	0.15 J [0.62 U]	0.56 U	0.57 U [0.61 U]	0.58 U	0.61 U [0.6 U]
Methyl tert-butyl ether	1634-04-4	11.5	---	---	11.5	14	0.51 U	0.54 U [0.54 U]	0.49 U	0.50 U [0.53 U]	0.51 U	0.53 U [0.53 U]
Methylene chloride*	75-09-2	10	86,851	60	>3 Monitor		0.86 J	1.0 U [0.86 J]	0.94 U	0.97 UB [1 U]	0.99 U	1.0 UB [1 UB]
Naphthalene	91-20-3	5.1	50,000	---	5.1	0.083	0.37 U	0.48 [0.49]	0.36 U	0.37 U [0.39 U]	0.37 U	0.39 U [0.38 U]
n-Heptane	142-82-5	---	2,000,000	---	1,800	18	0.25 J	0.26 J [0.27 J]	2.8 U	2.9 U [3 U]	2.9 U	3.0 U [3 U]
n-Hexane	110-54-3	10.2	1,800,000	---	10.2	14	0.40 J	2.7 U [2.7 U]	0.22 J	2.5 U [2.6 U]	2.5 U	0.38 J [0.39 J]
n-Propylbenzene	103-65-1	---	---	---	4,400	1.5	0.70 U	0.74 U [0.74 U]	0.67 U	0.69 U [0.73 U]	0.70 U	0.73 U [0.72 U]
o-Xylene	95-47-6	7.9	---	---	7.9	7.1	0.24	0.13 [0.092 J]	0.18	0.092 J [0.092 J]	0.12 UB	0.41 [0.38]
Styrene	100-42-5	1.9	425,930	---	1.9	1.4	0.60 U	0.080 J [0.64 U]	0.58 U	0.60 U [0.63 U]	0.60 U	0.63 U [0.62 U]
Tetrachloroethene (PCE)*	127-18-4	15.9	678,323	30 (AL-300)	>3 Monitor		0.085 J	0.31 [0.32]	0.071 J	0.15 J [0.16 J]	0.061 J	0.11 J [0.11 J]
Tetrahydrofuran	109-99-9	---	590,000	---	8,800	0.8	2.1 U	0.37 J [0.38 J]	2.0 U	2.1 U [2.2 U]	2.1 U	2.2 U [2.2 U]
Toluene	108-88-3	43	753,620	---	43	57	1.4	0.49 [0.42]	0.65	0.32 [0.33]	0.36	1.2 [1.2]
trans-1,2-Dichloroethene	156-60-5	---	---	---	--	--	0.56 U	0.60 U [0.6 U]	0.54 UB	0.56 UB [0.59 UB]	0.56 U	0.59 U [0.58 U]
trans-1,3-Dichloropropene	10061-02-6	<1.3	---	---	1.3	0.25	0.64 U	0.68 U [0.68 U]	0.62 U	0.64 U [0.67 U]	0.64 U	0.67 U [0.66 U]
Trichloroethene (TCE)*	79-01-6	4.2	537,423	2 (AL-20)	>0.2 Monitor		0.035 J	0.54 [0.62]	0.15 U	0.46 [0.46]	0.15 U	0.19 [0.2]
Trichlorofluoromethane (Freon 11)	75-69-4	18.1	5,600,000	---	18.1	12	1.3	1.5 [1.5]	1.0	1.0 [1]	1.1	1.2 [1.2]
Vinyl chloride*	75-01-4	<1.9	2,556	---	>0.2 Monitor		0.036 U	0.038 U [0.038 U]	0.035 U	0.036 U [0.038 U]	0.036 U	0.038 U [0.037 U]
Volatile Organics-TIC (ppbv)												
Ethyl acetate	141-78-6	5.4	1,400,000	---	--	--	NR	NR	NR	NR	NR	NR
Isobutanol	78-83-1	---	---	---	4,400	1,000	NR	NR	NR	NR	NR	NR
Pentane	109-66-0	---	2,950,000	---	260	2.5	1.2 NJ	NR	NR	NR	NR	1.3 [1.3]
Propylene	526-73-8	---	---	---	--	--	NR	NR	NR	NR	NR	NR

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - Jan. 2022		Building 3 - Feb. 2022		Building 3 - March 2022		
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Ambient AA-3 01/18/22	Indoor IA-3 01/18/22	Ambient AA-3 02/22/22	Indoor IA-3 02/22/22	Ambient AA-3 03/22/22	Indoor IA-3 03/22/22	
Volatile Organics - TO-15 (ug/m³)													
	1,1,1-Trichloroethane*	71-55-6	20.6	1,900,000	---	>0.2 Monitor		0.14 U	0.014 J [0.014 J]	0.0088 J	0.024 J [0.023 J]	0.15 U	0.022 J [0.024 J]
	1,1,2,2-Tetrachloroethane	79-34-5	---	35,000	---	0.21	0.4	0.17 U	0.18 U [0.19 U]	0.15 U	0.26 U [0.21 U]	0.19 U	0.20 U [0.18 U]
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	---	7,600,000	---	3.5	2.5	0.47 J	0.36 J [0.27 J]	0.44 J	0.45 J [0.44 J]	0.51 J	0.29 J [0.36 J]
	1,1,2-Trichloroethane	79-00-5	<1.5	45,000	---	1.5	0.4	0.14 U	0.15 U [0.15 U]	0.12 U	0.21 U [0.16 U]	0.15 U	0.16 U [0.15 U]
	1,1-Dichloroethane	75-34-3	<0.7	400,000	---	0.7	0.4	0.0082 J	0.014 J [0.015 J]	0.090 U	0.021 J [0.022 J]	0.0076 J	0.015 J [0.017 J]
	1,1-Dichloroethene*	75-35-4	<1.4	---	---	>0.2 Monitor		0.050 U	0.053 U [0.056 U]	0.044 U	0.076 U [0.06 U]	0.056 U	0.057 U [0.053 U]
	1,2,4-Trichlorobenzene	120-82-1	---	---	---	6.8	0.5	4.7 U	5.0 U [5.3 U]	4.1 U	7.2 U [5.6 U]	5.3 U	5.4 U [5 U]
	1,2,4-Trimethylbenzene	95-63-6	<6.8	---	---	9.5	9.8	0.62 U	0.66 U [0.7 U]	0.54 U	0.95 U [0.75 U]	0.70 U	0.71 U [0.13 J]
	1,2-Dibromoethane (EDB)	106-93-4	<1.5	153,685	---	1.5	0.4	0.19 U	0.20 U [0.22 U]	0.17 U	0.30 U [0.23 U]	0.22 U	0.22 U [0.2 U]
	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	76-14-2	---	7,000,000	---	6.8	0.4	0.10 J	0.10 J [0.1 J]	0.11 J	0.12 J [0.11 J]	0.11 J	0.10 J [0.098 J]
	1,2-Dichlorobenzene	95-50-1	<1.2	300,000	C	1.2	0.5	0.76 U	0.80 U [0.85 U]	0.67 U	1.2 U [0.91 U]	0.85 U	0.87 U [0.8 U]
	1,2-Dichloroethane	107-06-2	<0.9	202,372	---	0.9	0.4	0.067 J	0.045 J [0.045 J]	0.058 J	0.062 J [0.062 J]	0.065 J	0.047 J [0.047 J]
	1,2-Dichloropropane	78-87-5	<1.6	350,000	---	1.6	0.4	0.58 U	0.62 U [0.66 U]	0.51 U	0.89 U [0.7 U]	0.66 U	0.67 U [0.62 U]
	1,3,5-Trimethylbenzene	108-67-8	3.7	---	---	3.7	3.9	0.62 U	0.66 U [0.7 U]	0.54 U	0.95 U [0.75 U]	0.70 U	0.71 U [0.66 U]
	1,3-Butadiene	106-99-0	<3.0	2,212	---	3	0.094	0.28 U	0.30 U [0.31 U]	0.24 U	0.43 U [0.34 U]	0.31 U	0.32 U [0.3 U]
	1,3-Dichlorobenzene	541-73-1	<2.4	---	---	2.4	0.5	0.76 U	0.80 U [0.85 U]	0.67 U	1.2 U [0.91 U]	0.85 U	0.87 U [0.8 U]
	1,4-Dichlorobenzene	106-46-7	5.5	---	---	5.5	1.2	0.15 U	0.16 U [0.17 U]	0.13 U	0.23 U [0.18 U]	0.17 U	0.17 U [0.16 U]
	1,4-Dioxane	123-91-1	---	360,000	---	2.5	0.56	0.45 U	0.48 U [0.51 U]	0.40 U	0.70 U [0.55 U]	0.51 U	0.52 U [0.48 U]
	2,2,4-Trimethylpentane	540-84-1	---	---	---	--	5	2.9 U	3.1 U [3.3 U]	2.6 U	4.5 U [3.6 U]	3.3 U	3.4 U [3.1 U]
	2-Hexanone	591-78-6	---	410,000	---	130	31	2.6 U	2.7 U [2.9 U]	2.3 U	4.0 U [3.1 U]	2.9 U	3.0 U [2.7 U]
	3-Chloropropene	107-05-1	---	3,000	---	2	0.47	2.0 U	2.1 U [2.2 U]	1.7 U	3.0 U [2.4 U]	2.2 U	2.3 U [2.1 U]
	4-Ethyltoluene	622-96-8	3.6	---	---	3.6	--	0.62 U	0.66 U [0.7 U]	0.54 U	0.95 U [0.75 U]	0.70 U	0.71 U [0.66 U]
	Acetone	67-64-1	98.9	2,400,000	---	98.9	115	8.7	10 [11]	7.2	15 [19]	18	11 [16]
	Benzene	71-43-2	9.4	3,195	---	9.4	13	0.51	0.18 J [0.18 J]	0.45	0.44 [0.44]	0.47	0.26 [0.26]
	Benzyl chloride (a-chlorotoluene)	100-44-7	<6.8	5,000	---	6.8	0.057	0.65 U	0.69 U [0.74 U]	0.57 U	1.0 U [0.79 U]	0.74 U	0.75 U [0.69 U]
	Bromodichloromethane	75-27-4	---	---	---	0.33	0.076	0.84 U	0.90 U [0.95 U]	0.74 U	1.3 U [1 U]	0.95 U	0.97 U [0.9 U]
	Bromoform	75-25-2	---	5,000	---	11	2.6	1.3 UJ	1.4 UJ [1.5 UJ]	1.1 U	2.0 U [1.6 U]	1.5 U	1.5 U [1.4 U]
	Bromomethane	74-83-9	<1.7	80,000	C	1.7	0.5	2.4 U	2.6 U [2.8 U]	2.2 U	3.7 U [3 U]	2.8 U	2.8 U [2.6 U]
	Carbon disulfide	75-15-0	4.2	62,282	---	4.2	730	2.0 U	2.1 U [2.2 U]	1.7 U	3.0 U [2.4 U]	2.2 U	2.2 U [2.1 U]
	Carbon tetrachloride*	56-23-5	<1.3	62,920	---	>0.2 Monitor		0.37	0.23 [0.22]	0.42	0.32 [0.33]	0.37	0.22 [0.24]
	Chlorobenzene	108-90-7	<0.9	350,000	---	0.9	0.4	0.58 U	0.62 U [0.65 U]	0.51 U	0.89 U [0.7 U]	0.65 U	0.67 U [0.62 U]
	Chloroethane	75-00-3	<1.1	2,600,000	---	1.1	0.4	0.17 U	0.18 U [0.19 U]	0.037 J	0.25 U [0.2 U]	0.19 U	0.19 U [0.18 U]
	Chloroform	67-66-3	1.1	240,000	C	1.1	1.2	0.073 J	0.29 [0.29]	0.081 J	0.38 [0.38]	0.072 J	0.34 [0.34]
	Chloromethane	74-87-3	3.7	206,503	---	3.7	4.2	0.90 J	1.0 J [0.89 J]	1.0 J	1.2 J [1 J]	0.98 J	1.0 J [0.98 J]
	cis-1,2-Dichloroethene*	156-59-2	<1.9	---	---	>0.2 Monitor		0.030 J	0.041 J [0.054 J]	0.088 U	0.080 J [0.063 J]	0.11 U	0.055 J [0.05 J]
	cis-1,3-Dichloropropene	10061-01-5	<2.3	---	---	2.3	0.4	0.57 U	0.61 U [0.64 U]	0.50 U	0.88 U [0.69 U]	0.64 U	0.66 U [0.61 U]
	Cyclohexane	110-82-7	---	1,050,000	---	26,000	6.3	2.2 U	2.3 U [2.4 U]	1.9 U	3.3 U [2.6 U]	2.4 U	2.5 U [2.3 U]
	Dibromochloromethane	124-48-1	---	---	---	--	--	1.1 U	1.1 U [1.2 U]	0.94 U	1.6 U [1.3 U]	1.2 U	1.2 U [1.1 U]
	Dichlorodifluoromethane (Freon 12)	75-71-8	16.5	4,950,000	---	16.5	10	2.1 J	2.2 J [2.2 J]	2.4 J	2.4 J [2.4 J]	2.1 J	2.1 J [2.1 J]
	Ethanol	64-17-5	210	1,900,000	---	1,300	210	3.2	150 EJ [150 EJ]	4.6	NA	19	NA
	Ethylbenzene	100-41-4	5.7	435,000	---	5.7	6.4	0.15	0.022 J [0.042 J]	0.054 J	0.052 J [0.052 J]	0.075 J	0.045 J [0.076 J]

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - Jan. 2022		Building 3 - Feb. 2022		Building 3 - March 2022	
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Ambient AA-3 01/18/22	Indoor IA-3 01/18/22	Ambient AA-3 02/22/22	Indoor IA-3 02/22/22	Ambient AA-3 03/22/22	Indoor IA-3 03/22/22
Volatile Organics - TO-15 (ug/m³) (cont.)												
Hexachlorobutadiene	87-68-3	<6.8	---	---	6.8	0.5	6.7 U	7.1 U [7.6 U]	5.9 U	10 U [8.1 U]	7.6 U	7.7 U [7.1 U]
Isopropyl alcohol (2-propanol)	67-63-0	250	980,000	---	250	210	3.0 J	16 [18]	4.7	34 [33]	13	23 [32]
Isopropylbenzene (cumene)	98-82-8	---	245,000	---	1,800	0.8	0.62 U	0.66 U [0.7 U]	0.54 U	0.95 U [0.75 U]	0.70 U	0.71 U [0.66 U]
m,p-Xylene	108-38-3	22.2	---	---	22.2	11	0.58	0.065 J [0.15 J]	0.15 J	0.13 J [0.13 J]	0.23 J	0.14 J [0.25]
Methyl ethyl ketone (MEK, 2-Butanone)	78-93-3	12	590,000	---	12	16	1.8 U	2.0 U [2.1 U]	0.57 J	2.8 U [1.2 J]	0.53 J	2.1 U [0.57 J]
4-methyl-2-pentanone (MIBK)	108-10-1	6	410,000	---	6	1.9	0.52 U	0.55 U [0.58 U]	0.45 U	0.79 U [0.62 U]	0.58 U	0.59 U [0.55 U]
Methyl tert-butyl ether	1634-04-4	11.5	---	---	11.5	14	0.45 U	0.48 U [0.51 U]	0.40 U	0.70 U [0.55 U]	0.51 U	0.52 U [0.48 U]
Methylene chloride*	75-09-2	10	86,851	60	>3 Monitor		0.33 J	0.39 J [0.38 J]	0.56 J	0.45 J [0.49 J]	0.44 J	0.42 J [0.34 J]
Naphthalene	91-20-3	5.1	50,000	---	5.1	0.083	0.33 U	0.35 U [0.37 U]	0.29 U	0.50 U [0.4 U]	0.37 U	0.38 U [0.35 U]
n-Heptane	142-82-5	---	2,000,000	---	1,800	18	2.6 U	2.7 U [2.9 U]	2.3 U	4.0 U [3.1 U]	2.9 U	3.0 U [2.7 U]
n-Hexane	110-54-3	10.2	1,800,000	---	10.2	14	2.2 U	2.4 U [2.5 U]	2.0 U	3.4 U [2.7 U]	2.5 U	2.6 U [2.4 U]
n-Propylbenzene	103-65-1	---	---	---	4,400	1.5	0.62 U	0.66 U [0.7 U]	0.54 U	0.95 U [0.75 U]	0.70 U	0.71 U [0.66 U]
o-Xylene	95-47-6	7.9	---	---	7.9	7.1	0.20	0.030 J [0.059 J]	0.059 J	0.049 J [0.055 J]	0.086 J	0.066 J [0.13]
Styrene	100-42-5	1.9	425,930	---	1.9	1.4	0.54 U	0.57 U [0.6 U]	0.47 U	0.82 U [0.65 U]	0.60 U	0.62 U [0.57 U]
Tetrachloroethene (PCE)*	127-18-4	15.9	678,323	30 (AL-300)	>3 Monitor		0.046 J	0.040 J [0.073 J]	0.086 J	0.18 J [0.17 J]	0.043 J	0.20 [0.21]
Tetrahydrofuran	109-99-9	---	590,000	---	8,800	0.8	1.8 U	2.0 U [2.1 U]	1.6 U	2.8 U [2.2 U]	2.1 U	2.1 U [2 U]
Toluene	108-88-3	43	753,620	---	43	57	0.82	0.16 J [0.29]	0.44	0.57 [0.4]	0.39	0.27 [0.36]
trans-1,2-Dichloroethene	156-60-5	---	---	---	--	--	0.50 U	0.53 U [0.56 U]	0.44 U	0.76 U [0.6 U]	0.56 U	0.57 U [0.53 U]
trans-1,3-Dichloropropene	10061-02-6	<1.3	---	---	1.3	0.25	0.57 U	0.61 U [0.64 U]	0.50 U	0.88 U [0.69 U]	0.64 U	0.66 U [0.61 U]
Trichloroethene (TCE)*	79-01-6	4.2	537,423	2 (AL-20)	>0.2 Monitor		0.14 U	0.17 [0.17]	0.12 U	0.32 [0.32]	0.070 J	0.37 [0.3]
Trichlorofluoromethane (Freon 11)	75-69-4	18.1	5,600,000	---	18.1	12	1.2	1.1 [1.1]	1.2	1.4 [1.4]	1.2	1.1 [1.2]
Vinyl chloride*	75-01-4	<1.9	2,556	---	>0.2 Monitor		0.032 U	0.034 U [0.036 U]	0.028 U	0.049 U [0.039 U]	0.036 U	0.037 U [0.034 U]
Volatile Organics-TIC (ppbv)												
Ethyl acetate	141-78-6	5.4	1,400,000	---	--	--	NR	NR	NR	NR	NR	NR
Isobutanol	78-83-1	---	---	---	4,400	1,000	NR	NR	NR	NR	NR	NR
Pentane	109-66-0	---	2,950,000	---	260	2.5	NR	NR	NR	5.4 NJ [0.88 NJ]	NR	NR
Propylene	526-73-8	---	---	---	--	--	NR	NR	NR	NR	NR	NR

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - April 2022		Building 3 - May 2022		Building 3 - June 2022		
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Ambient AA-3 04/26/22	Indoor IA-3 04/26/22	Ambient AA-3 (Passive) 05/31/22	Indoor IA-3 (Passive) 05/31/22	Ambient AA-3 (Passive) 06/28/22	Indoor IA-3 (Passive) 06/28/22	
Volatile Organics - TO-15 (ug/m³)													
	1,1,1-Trichloroethane*	71-55-6	20.6	1,900,000	---	>0.2 Monitor		0.013 J	0.030 J [0.027 J]	0.044 U	0.045 UJ [0.044 UJ]	0.049 U	0.049 U [0.049 U]
	1,1,2,2-Tetrachloroethane	79-34-5	---	35,000	---	0.21	0.4	0.20 U	0.20 U [0.21 U]	NA	NA	NA	NA
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	---	7,600,000	---	3.5	2.5	0.40 J	0.30 J [0.31 J]	0.066 J	0.15 J [0.14 J]	0.089 J	0.090 J [0.11 J]
	1,1,2-Trichloroethane	79-00-5	<1.5	45,000	---	1.5	0.4	0.16 U	0.16 U [0.16 U]	0.016 UJ	0.016 UJ [0.016 UJ]	0.017 UJ	0.017 UJ [0.017 UJ]
	1,1-Dichloroethane	75-34-3	<0.7	400,000	---	0.7	0.4	0.12 U	0.015 J [0.019 J]	0.016 UJ	0.017 UJ [0.016 UJ]	0.018 UJ	0.018 UJ [0.018 UJ]
	1,1-Dichloroethene*	75-35-4	<1.4	---	---	>0.2 Monitor		0.058 U	0.058 U [0.06 U]	0.014 UJ	0.014 UJ [0.014 UJ]	0.015 UJ	0.015 UJ [0.015 UJ]
	1,2,4-Trichlorobenzene	120-82-1	---	---	---	6.8	0.5	5.4 U	5.4 U [5.6 U]	NA	NA	NA	NA
	1,2,4-Trimethylbenzene	95-63-6	<6.8	---	---	9.5	9.8	0.72 U	0.72 U [0.74 U]	NA	NA	NA	NA
	1,2-Dibromoethane (EDB)	106-93-4	<1.5	153,685	---	1.5	0.4	0.22 U	0.22 U [0.23 U]	NA	NA	NA	NA
	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	76-14-2	---	7,000,000	---	6.8	0.4	0.12 J	0.14 J [0.14 J]	NA	NA	NA	NA
	1,2-Dichlorobenzene	95-50-1	<1.2	300,000	C	1.2	0.5	0.88 U	0.88 U [0.91 U]	NA	NA	NA	NA
	1,2-Dichloroethane	107-06-2	<0.9	202,372	---	0.9	0.4	0.12 UB	0.12 UB [0.12 UB]	0.012 UJ	0.012 UJ [0.012 UJ]	0.0034 J	0.0046 J [0.0049 J]
	1,2-Dichloropropane	78-87-5	<1.6	350,000	---	1.6	0.4	0.67 U	0.67 U [0.7 U]	NA	NA	NA	NA
	1,3,5-Trimethylbenzene	108-67-8	3.7	---	---	3.7	3.9	0.72 U	0.72 U [0.74 U]	NA	NA	NA	NA
	1,3-Butadiene	106-99-0	<3.0	2,212	---	3	0.094	0.32 U	0.32 U [0.33 U]	NA	NA	NA	NA
	1,3-Dichlorobenzene	541-73-1	<2.4	---	---	2.4	0.5	0.88 U	0.88 U [0.91 U]	NA	NA	NA	NA
	1,4-Dichlorobenzene	106-46-7	5.5	---	---	5.5	1.2	0.18 U	0.18 U [0.18 U]	NA	NA	NA	NA
	1,4-Dioxane	123-91-1	---	360,000	---	2.5	0.56	0.53 U	0.53 U [0.54 U]	NA	NA	NA	NA
	2,2,4-Trimethylpentane	540-84-1	---	---	---	--	5	3.4 U	3.4 U [3.5 U]	NA	NA	NA	NA
	2-Hexanone	591-78-6	---	410,000	---	130	31	3.0 U	3.0 U [3.1 U]	NA	NA	NA	NA
	3-Chloropropene	107-05-1	---	3,000	---	2	0.47	2.3 U	2.3 U [2.4 U]	NA	NA	NA	NA
	4-Ethyltoluene	622-96-8	3.6	---	---	3.6	--	0.72 U	0.72 U [0.74 U]	NA	NA	NA	NA
	Acetone	67-64-1	98.9	2,400,000	---	98.9	115	5.8	19 [27]	NA	NA	NA	NA
	Benzene	71-43-2	9.4	3,195	---	9.4	13	0.25	0.26 [0.26]	1.2 EJ	1.2 UB [1.1 UB]	0.55 UB	0.78 [0.43 UB]
	Benzyl chloride (a-chlorotoluene)	100-44-7	<6.8	5,000	---	6.8	0.057	0.76 U	0.76 U [0.78 U]	NA	NA	NA	NA
	Bromodichloromethane	75-27-4	---	---	---	0.33	0.076	0.98 U	0.98 U [1 U]	NA	NA	NA	NA
	Bromoform	75-25-2	---	5,000	---	11	2.6	1.5 U	1.5 U [1.6 U]	NA	NA	NA	NA
	Bromomethane	74-83-9	<1.7	80,000	C	1.7	0.5	2.8 U	2.8 U [2.9 U]	NA	NA	NA	NA
	Carbon disulfide	75-15-0	4.2	62,282	---	4.2	730	2.3 U	2.3 U [2.4 U]	NA	NA	NA	NA
	Carbon tetrachloride*	56-23-5	<1.3	62,920	---	>0.2 Monitor		0.42	0.34 [0.32]	NA	NA	NA	NA
	Chlorobenzene	108-90-7	<0.9	350,000	---	0.9	0.4	0.67 U	0.67 U [0.7 U]	NA	NA	NA	NA
	Chloroethane	75-00-3	<1.1	2,600,000	---	1.1	0.4	0.19 U	0.19 U [0.2 U]	NA	NA	NA	NA
	Chloroform	67-66-3	1.1	240,000	C	1.1	1.2	0.086 J	0.42 [0.44]	0.026 J	0.078 J [0.07 J]	0.027 J	0.034 J [0.055 J]
	Chloromethane	74-87-3	3.7	206,503	---	3.7	4.2	1.1 J	1.1 J [1.2 J]	NA	NA	NA	NA
	cis-1,2-Dichloroethene*	156-59-2	<1.9	---	---	>0.2 Monitor		0.12 U	0.046 J [0.042 J]	0.016 UJ	0.017 UJ [0.016 UJ]	0.018 UJ	0.018 UJ [0.018 UJ]
	cis-1,3-Dichloropropene	10061-01-5	<2.3	---	---	2.3	0.4	0.66 U	0.66 U [0.68 U]	NA	NA	NA	NA
	Cyclohexane	110-82-7	---	1,050,000	---	26,000	6.3	2.5 U	2.5 U [2.6 U]	0.047	0.13 [0.13]	0.029 J	0.13 [0.15]
	Dibromochloromethane	124-48-1	---	---	---	--	--	1.2 U	1.2 U [1.3 U]	NA	NA	NA	NA
	Dichlorodifluoromethane (Freon 12)	75-71-8	16.5	4,950,000	---	16.5	10	2.2 J	2.3 J [2.3 J]	NA	NA	NA	NA
	Ethanol	64-17-5	210	1,900,000	---	1,300	210	3.1	NA	NA	NA	NA	NA
	Ethylbenzene	100-41-4	5.7	435,000	---	5.7	6.4	0.084 J	0.10 J [0.12 J]	0.27	0.30 [0.3]	0.15	0.21 [0.16]

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - April 2022		Building 3 - May 2022		Building 3 - June 2022	
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Ambient AA-3 04/26/22	Indoor IA-3 04/26/22	Ambient AA-3 (Passive) 05/31/22	Indoor IA-3 (Passive) 05/31/22	Ambient AA-3 (Passive) 06/28/22	Indoor IA-3 (Passive) 06/28/22
Volatile Organics - TO-15 (ug/m³) (cont.)												
Hexachlorobutadiene	87-68-3	<6.8	---	---	6.8	0.5	7.8 U	7.8 U [8 U]	NA	NA	NA	NA
Isopropyl alcohol (2-propanol)	67-63-0	250	980,000	---	250	210	3.6 UB	19 [31]	NA	NA	NA	NA
Isopropylbenzene (cumene)	98-82-8	---	245,000	---	1,800	0.8	0.72 U	0.72 U [0.74 U]	NA	NA	NA	NA
m,p-Xylene	108-38-3	22.2	---	---	22.2	11	0.25 J	0.26 [0.32]	0.56	0.59 [0.62]	0.32	0.45 [0.44]
Methyl ethyl ketone (MEK, 2-Butanone)	78-93-3	12	590,000	---	12	16	0.53 J	1.0 J [0.77 J]	NA	NA	NA	NA
4-methyl-2-pentanone (MIBK)	108-10-1	6	410,000	---	6	1.9	0.60 U	0.60 U [0.62 U]	NA	NA	NA	NA
Methyl tert-butyl ether	1634-04-4	11.5	---	---	11.5	14	0.53 U	0.53 U [0.54 U]	NA	NA	NA	NA
Methylene chloride*	75-09-2	10	86,851	60	>3 Monitor		1.0 UB	1.0 UB [1 UB]	NA	NA	NA	NA
Naphthalene	91-20-3	5.1	50,000	---	5.1	0.083	0.38 U	0.38 U [0.4 U]	NA	NA	NA	NA
n-Heptane	142-82-5	---	2,000,000	---	1,800	18	3.0 U	3.0 U [3.1 U]	NA	NA	NA	NA
n-Hexane	110-54-3	10.2	1,800,000	---	10.2	14	2.6 U	2.6 U [0.24 J]	NA	NA	NA	NA
n-Propylbenzene	103-65-1	---	---	---	4,400	1.5	0.72 U	0.72 U [0.74 U]	NA	NA	NA	NA
o-Xylene	95-47-6	7.9	---	---	7.9	7.1	0.098 J	0.089 J [0.13 J]	0.26	0.28 [0.3]	0.14	0.19 [0.18]
Styrene	100-42-5	1.9	425,930	---	1.9	1.4	0.62 U	0.62 U [0.64 U]	0.26	0.53 [0.44]	0.14 UB	0.32 [0.22 UB]
Tetrachloroethene (PCE)*	127-18-4	15.9	678,323	30 (AL-300)	>3 Monitor		0.064 J	0.21 [0.2]	0.059	0.24 J [0.24]	0.069 J	0.40 J [0.36 J]
Tetrahydrofuran	109-99-9	---	590,000	---	8,800	0.8	2.2 U	3.7 [2.2 U]	NA	NA	NA	NA
Toluene	108-88-3	43	753,620	---	43	57	0.45	0.55 [0.75]	0.87	0.79 [0.8]	0.61	0.79 [0.74]
trans-1,2-Dichloroethene	156-60-5	---	---	---	--	--	0.58 U	0.58 U [0.6 U]	0.017 UJ	0.018 UJ [0.017 UJ]	0.019 UJ	0.019 UJ [0.019 UJ]
trans-1,3-Dichloropropene	10061-02-6	<1.3	---	---	1.3	0.25	0.66 U	0.66 U [0.68 U]	NA	NA	NA	NA
Trichloroethene (TCE)*	79-01-6	4.2	537,423	2 (AL-20)	>0.2 Monitor		0.12 J	0.18 [0.16]	0.016 U	0.16 [0.17]	0.018 U	0.15 [0.17]
Trichlorofluoromethane (Freon 11)	75-69-4	18.1	5,600,000	---	18.1	12	1.2	1.5 [1.5]	NA	NA	NA	NA
Vinyl chloride*	75-01-4	<1.9	2,556	---	>0.2 Monitor		0.037 U	0.037 U [0.038 U]	NA	NA	NA	NA
Volatile Organics-TIC (ppbv)												
Ethyl acetate	141-78-6	5.4	1,400,000	---	--	--	NR	NR	NR	NR	NR	NR
Isobutanol	78-83-1	---	---	---	4,400	1,000	NR	NR	NR	NR	NR	NR
Pentane	109-66-0	---	2,950,000	---	260	2.5	NR	0.77 NJ [1 NJ]	NR	NR	NR	NR
Propylene	526-73-8	---	---	---	--	--	NR	NR	NR	NR	NR	NR

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - April 2023		
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Ambient AA-3 (Passive) 04/25/23	Indoor IA-3 (Passive) 04/25/23	
Volatile Organics - TO-15 (ug/m³)									
	1,1,1-Trichloroethane*	71-55-6	20.6	1,900,000	---	>0.2 Monitor		0.050 U	0.050 U [0.031 J]
	1,1,2,2-Tetrachloroethane	79-34-5	---	35,000	---	0.21	0.4	NA	NA
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	---	7,600,000	---	3.5	2.5	0.33 J	0.097 J [0.14 J]
	1,1,2-Trichloroethane	79-00-5	<1.5	45,000	---	1.5	0.4	0.017 UJ	0.017 UJ [0.018 UJ]
	1,1-Dichloroethane	75-34-3	<0.7	400,000	---	0.7	0.4	0.037 UJ	0.037 UJ [0.037 UJ]
	1,1-Dichloroethene*	75-35-4	<1.4	---	---	>0.2 Monitor		0.015 UJ	0.015 UJ [0.015 UJ]
	1,2,4-Trichlorobenzene	120-82-1	---	---	---	6.8	0.5	NA	NA
	1,2,4-Trimethylbenzene	95-63-6	<6.8	---	---	9.5	9.8	NA	NA
	1,2-Dibromoethane (EDB)	106-93-4	<1.5	153,685	---	1.5	0.4	NA	NA
	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	76-14-2	---	7,000,000	---	6.8	0.4	NA	NA
	1,2-Dichlorobenzene	95-50-1	<1.2	300,000	C	1.2	0.5	NA	NA
	1,2-Dichloroethane	107-06-2	<0.9	202,372	---	0.9	0.4	0.039 J	0.0081 J [0.013 J]
	1,2-Dichloropropane	78-87-5	<1.6	350,000	---	1.6	0.4	NA	NA
	1,3,5-Trimethylbenzene	108-67-8	3.7	---	---	3.7	3.9	NA	NA
	1,3-Butadiene	106-99-0	<3.0	2,212	---	3	0.094	NA	NA
	1,3-Dichlorobenzene	541-73-1	<2.4	---	---	2.4	0.5	NA	NA
	1,4-Dichlorobenzene	106-46-7	5.5	---	---	5.5	1.2	NA	NA
	1,4-Dioxane	123-91-1	---	360,000	---	2.5	0.56	NA	NA
	2,2,4-Trimethylpentane	540-84-1	---	---	---	--	5	NA	NA
	2-Hexanone	591-78-6	---	410,000	---	130	31	NA	NA
	3-Chloropropene	107-05-1	---	3,000	---	2	0.47	NA	NA
	4-Ethyltoluene	622-96-8	3.6	---	---	3.6	--	NA	NA
	Acetone	67-64-1	98.9	2,400,000	---	98.9	115	NA	NA
	Benzene	71-43-2	9.4	3,195	---	9.4	13	0.46	0.59 [0.61]
	Benzyl chloride (a-chlorotoluene)	100-44-7	<6.8	5,000	---	6.8	0.057	NA	NA
	Bromodichloromethane	75-27-4	---	---	---	0.33	0.076	NA	NA
	Bromoform	75-25-2	---	5,000	---	11	2.6	NA	NA
	Bromomethane	74-83-9	<1.7	80,000	C	1.7	0.5	NA	NA
	Carbon disulfide	75-15-0	4.2	62,282	---	4.2	730	NA	NA
	Carbon tetrachloride*	56-23-5	<1.3	62,920	---	>0.2 Monitor		NA	NA
	Chlorobenzene	108-90-7	<0.9	350,000	---	0.9	0.4	NA	NA
	Chloroethane	75-00-3	<1.1	2,600,000	---	1.1	0.4	NA	NA
	Chloroform	67-66-3	1.1	240,000	C	1.1	1.2	0.049 J	0.017 J [0.025 J]
	Chloromethane	74-87-3	3.7	206,503	---	3.7	4.2	NA	NA
	cis-1,2-Dichloroethene*	156-59-2	<1.9	---	---	>0.2 Monitor		0.018 UJ	0.018 UJ [0.011 J]
	cis-1,3-Dichloropropene	10061-01-5	<2.3	---	---	2.3	0.4	NA	NA
	Cyclohexane	110-82-7	---	1,050,000	---	26,000	6.3	0.073	0.083 [0.096]
	Dibromochloromethane	124-48-1	---	---	---	--	--	NA	NA
	Dichlorodifluoromethane (Freon 12)	75-71-8	16.5	4,950,000	---	16.5	10	NA	NA
	Ethanol	64-17-5	210	1,900,000	---	1,300	210	NA	NA
	Ethylbenzene	100-41-4	5.7	435,000	---	5.7	6.4	0.11	0.17 [0.17]

See Notes on Page 17.

Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Date Collected:	CAS Number	2001 USEPA BASE (90th %) Background Values	OSHA Permissible Exposure Limit	NYSDOH IA Guidance Values	VI Indoor Air Screening Value*		Building 3 - April 2023	
					Commercial (Exceedances Gray Shaded)	Residential (Exceedances Orange Bold)	Ambient AA-3 (Passive) 04/25/23	Indoor IA-3 (Passive) 04/25/23
Volatile Organics - TO-15 (ug/m³) (cont.)								
	87-68-3	<6.8	---	---	6.8	0.5	NA	NA
	67-63-0	250	980,000	---	250	210	NA	NA
	98-82-8	---	245,000	---	1,800	0.8	NA	NA
	108-38-3	22.2	---	---	22.2	11	0.32	0.45 [0.48]
	78-93-3	12	590,000	---	12	16	NA	NA
	108-10-1	6	410,000	---	6	1.9	NA	NA
	1634-04-4	11.5	---	---	11.5	14	NA	NA
	75-09-2	10	86,851	60	>3 Monitor		NA	NA
	91-20-3	5.1	50,000	---	5.1	0.083	NA	NA
	142-82-5	---	2,000,000	---	1,800	18	NA	NA
	110-54-3	10.2	1,800,000	---	10.2	14	NA	NA
	103-65-1	---	---	---	4,400	1.5	NA	NA
	95-47-6	7.9	---	---	7.9	7.1	0.12	0.16 [0.17]
	100-42-5	1.9	425,930	---	1.9	1.4	0.070	0.17 [0.16]
	127-18-4	15.9	678,323	30 (AL-300)	>3 Monitor		0.12	0.38 [0.40]
	109-99-9	---	590,000	---	8,800	0.8	NA	NA
	108-88-3	43	753,620	---	43	57	0.62	0.72 [0.73]
	156-60-5	---	---	---	--	--	0.019 UJ	0.019 UJ [0.019 UJ]
	10061-02-6	<1.3	---	---	1.3	0.25	NA	NA
	79-01-6	4.2	537,423	2 (AL-20)	>0.2 Monitor		0.011 J	0.60 [0.70]
	75-69-4	18.1	5,600,000	---	18.1	12	NA	NA
	75-01-4	<1.9	2,556	---	>0.2 Monitor		NA	NA
Volatile Organics-TIC (ppbv)								
	141-78-6	5.4	1,400,000	---	--	--	NA	NA
	78-83-1	---	---	---	4,400	1,000	NA	NA
	109-66-0	---	2,950,000	---	260	2.5	NA	NA
	526-73-8	---	---	---	--	--	NA	NA

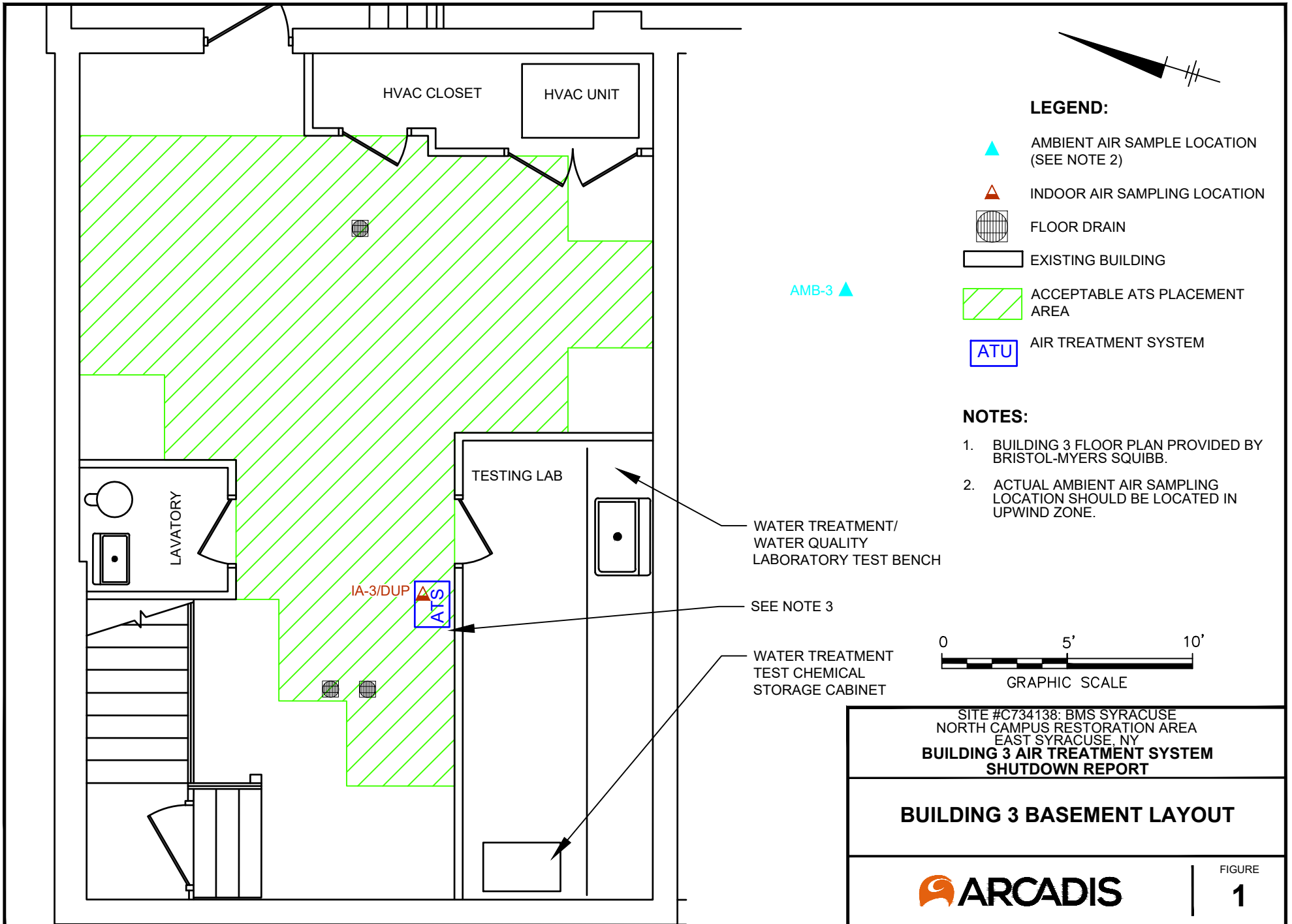
Table 1
Building 3 Air Analytical Results



Building 3 - Post Air Treatment Shutdown Report
Bristol-Myers Squibb Company
Syracuse North Campus Restoration Area (Site #C734138)
East Syracuse, New York

Notes:

1. Samples were collected by Arcadis and analyzed by Eurofins Air Toxics Laboratories Environmental, LLC of Folsom, CA.
2. * = constituent included in the NYSDOH May 2017 Soil Vapor / Indoor Air Matrices - indoor air guidance values listed guidance may be used to identify whether to conduct additional monitoring or mitigation.
3. The Commercial Indoor Air Screening Level is the USEPA BASE Study 90th percentile value, when available (except for * constituents included in the NYSDOH Matrices). If a BASE value is not available, the USEPA Industrial Air RSL using the lower of a target cancer risk of 1x10-6 or a target hazard quotient of 1 is used, when available.
4. The Residential Indoor Air Screening Level is the NYSDOH Fuel Oil Study Upper Fence value (except for * constituents included in the NYSDOH Matrices). If a Fuel Oil Study Upper Fence value is not available, the USEPA Residential Air RSL value using the lower of a target cancer risk of 1x10-6 or a target hazard quotient of 1 is used, when available. If a USEPA Residential Air RSL value is not available, the USEPA Industrial Air RSL is used, when available.
5. Non-numerical values in the "CAS Number" column are a surrogate identification because no actual CAS number is available.
6. Analytes detected in sample are shown in black font and analytes that are not detected are shown in gray font.
7. Field duplicate sample results are presented in brackets, [].
8. The data has been validated.
9. Designations:
 - BOLD = Result detected above constituent's Commercial VI Indoor Air Screening Value.
10. Abbreviations:
 - = Screening Value not available based on inquiry described in Notes 3 and 4.
 - AA = Ambient Air
 - AL= NYSDOH Action Level
 - C = Notes the OSHA Ceiling Limit was used
 - CAS = Chemical Abstracts Service
 - IA = Indoor Air
 - MDL = Method detection limit
 - NR = Not reported as a TIC
 - NYSDOH = New York State Department of Health
 - OSHA = Occupational Safety and Health Administration
 - ppbv = Parts per billion by volume
 - RL = Reporting limit
 - RSL = Regional screening level
 - TIC = Tentatively identified compound
 - µg/m³ = Micrograms per cubic meter
 - USEPA = United States Environmental Protection Agency
 - VI = vapor intrusion
11. Qualifier Definitions:
 - B = Analyte was detected in the blank and sample.
 - E = Analyte exceeded calibration range.
 - J = Estimated value. Result is greater than the MDL but less than the RL.
 - N = The analysis indicates the presence of a compound which there is presumptive evidence to make a tentative identification.
 - U = Analyte not detected above the method detection limit. The compound reporting limit is presented for reference.
 - UB = Analyte considered non-detect at the listed value due to associated blank contamination.
 - UJ = The analyte was not detected above the reported sample detection limit. However, the reported limit is approximate and may or may not represent the actual limit of detection.



SITE #C734138: BMS SYRACUSE
 NORTH CAMPUS RESTORATION AREA
 EAST SYRACUSE, NY
**BUILDING 3 AIR TREATMENT SYSTEM
 SHUTDOWN REPORT**

BUILDING 3 BASEMENT LAYOUT

Attachment 1

Notification LOTTE Discontinued Occupancy of Building 3

McCune, Bill

From: anne.locke@lotte.net
Sent: Tuesday, July 11, 2023 10:22 AM
To: richard.mator@bms.com
Cc: McCune, William; Ron Arcuri
Subject: C734138 - Change of Occupancy Notification

Rich,
JLL discontinued occupancy of the Building 3 control room in April 2023. JLL/LBA will no longer monitor or report pressure differential between this area and surrounding spaces.
Please advise if you have any questions.

Regards

Anne Locke

Manager, Environmental Protection

LOTTE Biologics USA, LLC

Syracuse Site

3551 Burnet Avenue

East Syracuse, NY 13057