**NOVA Chemicals Corunna Site Benzene Ambient Monitoring Results - 2026**

| Ambient Monitoring Location ID | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location (UTM Coordinates) | Easting (m) → | 385487 | 386047 | 385694 | 385650 | 386041 | 385968 | 385265 | 384556 | 384852 | 384592 | 384602 | 384795 |
| | Northing (m) → | 4749184 | 4749094 | 4748280 | 4747902 | 4747146 | 4746643 | 4746676 | 4746713 | 4747686 | 4748013 | 4748497 | 4749212 |
| Two-Week Measured Benzene Concentration ($\mu g/m^3$) 2026 Monitoring (MM/DD/YY to MM/DD/YY) | Date Range ↓ | | | | | | | | | | | | |
| | 12/31/25 to 1/14/26 | 2.63 | 1.57 | 2.83 | 1.31 | 1.06 | 0.71 | 0.58 | 0.60 | 0.68 | 0.79 | 1.28 | 2.27 |
| | 1/14/26 to 1/28/26 | 2.76 | 1.51 | 1.90 | 1.50 | 1.50 | 0.71 | 0.71 | 0.68 | 1.00 | 1.47 | 0.63 | 1.08 |
| | 1/28/26 to 2/11/26 | 2.31 | 1.13 | 2.07 | 1.86 | 2.14 | 1.15 | 0.95 | 0.75 | 0.78 | 0.92 | 1.23 | 4.24 |
| | 2/11/26 to 2/25/26 | 3.52 | 1.47 | 1.62 | 1.53 | 1.55 | 0.88 | 0.78 | 0.73 | 1.00 | 1.05 | 2.56 | 21.10 |
| | 2/25/26 to 3/11/26 | 4.06 | 1.25 | 0.89 | 1.15 | 0.66 | 0.59 | 0.72 | 0.96 | 3.33 | 2.16 | 3.99 | 14.10 |
| | 3/11/26 to 3/25/26 | 2.75 | 1.35 | 1.96 | 2.45 | 1.05 | 0.77 | 0.83 | 1.06 | 4.53 | 1.31 | 2.17 | 18.60 |
| | 3/25/26 to 4/8/26 | 3.04 | 0.94 | 1.31 | 0.98 | 0.80 | 0.61 | 0.58 | 1.15 | 5.85 | 1.63 | 1.99 | 10.20 |
| | 4/8/26 to 4/22/26 | 2.82 | 0.73 | 1.42 | 1.01 | 0.66 | 0.44 | 0.53 | 0.74 | 2.52 | 1.16 | 2.27 | 11.60 |
| | 4/22/26 to 5/6/26 | 2.27 | 0.49 | 0.55 | 0.60 | 0.45 | 0.30 | 0.58 | 0.97 | 6.25 | 1.42 | 3.45 | 3.71 |
| | 5/6/26/ to 5/20/26 | 2.36 | 0.65 | 0.78 | 0.63 | 0.45 | 0.47 | 0.45 | 0.67 | 3.47 | 0.85 | 1.37 | 2.92 |
| | 5/20/26 to 6/3/26 | 2.2 | 0.80 | 0.83 | 0.92 | 0.62 | 0.55 | 1.18 | 1.55 | 6.06 | 2.37 | 2.70 | 0.81 |
| | 6/3/26 to 6/17/26 | 4.69 | 0.79 | 0.94 | 0.75 | 0.30 | 0.30 | 0.30 | 0.40 | 1.95 | 0.75 | 1.59 | 3.06 |
| | 6/17/26 to 6/30/26 | 1.55 | 0.73 | 1.19 | 0.80 | 0.36 | 0.32 | 0.37 | 0.77 | 3.66 | 1.67 | 2.96 | 2.14 |
| | 6/30/26 to 7/15/26 | 4.05 | 1.51 | 1.67 | 0.68 | 0.42 | 0.39 | 0.58 | 0.92 | 3.80 | 2.04 | 3.34 | 0.95 |
| | 7/15/26 to 7/29/26[7] | 3.6 | 2.19 | 2.78 | 2.48 | 1.81 | 1.96 | 1.81 | 2.03 | 3.85 | 2.33 | 2.63 | 4.13 |
| | 7/29/26 to 8/12/26 | 2.19 | 0.69 | 0.90 | 0.73 | 0.54 | 0.51 | 0.67 | 0.83 | 3.22 | 1.15 | 1.56 | 1.76 |
| | 8/12/26 to 8/26/26 | 1.52 | 0.81 | 1.56 | 1.16 | 0.72 | 0.60 | 0.62 | 0.70 | 2.33 | 1.89 | 2.43 | 2.73 |
| | 8/26/26 to 9/9/26 | 2.83 | 0.93 | 0.62 | 0.50 | 0.38 | 0.36 | 0.37 | 0.70 | 2.21 | 1.68 | 1.67 | 2.89 |
| | 9/9/26 to 9/23/26 | 1.35 | 0.59 | 0.76 | 0.67 | 0.67 | 0.58 | 0.58 | 0.82 | 3.56 | 2.59 | 1.82 | 1.88 |
| | 9/23/26 to 10/7/26 | 2.38 | 0.85 | 1.23 | 1.25 | 1.28 | 0.65 | 0.82 | 0.94 | 2.90 | 1.94 | 1.71 | 2.17 |
| | 10/7/26 to 10/21/26 | 3.87 | 0.78 | 1.74 | 0.80 | 0.43 | 0.41 | 0.43 | 0.41 | 1.14 | 0.83 | 2.95 | 1.86 |
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| | | | | | | | | | | | | | |
| | 2026 Avg. | 2.80 | 1.04 | 1.41 | 1.13 | 0.85 | 0.63 | 0.69 | 0.88 | 3.05 | 1.52 | 2.20 | 5.44 |
| | | | | | | | | | | | | | |

Note 7: Concentrations were slightly elevated at all sampling locations due to the wildfire smoke event that occurred during the July 15-29 sampling period.

**NOVA Chemicals Corunna Site Benzene Ambient Monitoring Results - 2025**

| Ambient Monitoring Location ID | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location (UTM Coordinates) | Easting (m) → | 385487 | 386047 | 385694 | 385650 | 386041 | 385968 | 385265 | 384556 | 384852 | 384592 | 384602 | 384795 |
| | Northing (m) → | 4749184 | 4749094 | 4748280 | 4747902 | 4747146 | 4746643 | 4746676 | 4746713 | 4747686 | 4748013 | 4748497 | 4749212 |
| Two-Week Measured Benzene Concentration (µg/m$^3$) 2025 Monitoring (MM/DD/YY to MM/DD/YY) | Date Range ↓ | | | | | | | | | | | | |
| | 12/18/24 to 1/2/25 | 2.07 | 1.15 | 2.28 | 1.62 | 1.46 | 0.74 | 0.63 | 0.88 | 3.17 | 1.82 | 3.43 | 1.24 |
| | 1/2/25 to 1/15/25 | 1.99 | 1.11 | 3.91 | 1.92 | 0.91 | 0.55 | 0.49 | 0.53 | 1.01 | 0.53 | 0.89 | 1.58 |
| | 1/15/25 to 1/29/25 | 4.22 | 1.66 | 2.73 | 1.08 | 1.17 | 0.70 | 0.62 | 0.83 | 0.84 | 0.64 | 0.68 | 1.11 |
| | 1/29/25 to 2/12/25 | 2.06 | 1.15 | 1.63 | 1.21 | 0.79 | 0.70 | 0.67 | 0.70 | 1.97 | 1.48 | 1.65 | 1.81 |
| | 2/12/25 to 2/26/25 | 4.52 | 1.16 | 3.46 | 1.84 | 1.07 | 0.71 | 0.69 | 0.71 | 1.38 | 1.14 | 1.41 | 1.23 |
| | 2/26/25 to 3/12/25 | 4.89 | 1.43 | 2.20 | 1.65 | 1.10 | 0.73 | 0.53 | 0.58 | 1.82 | 1.62 | 2.41 | 2.26 |
| | 3/12/25 to 3/26/25 | 2.02 | 0.83 | 1.33 | 0.91 | 0.92 | 0.66 | 0.48 | 0.53 | 0.83 | 0.90 | 3.01 | 2.30 |
| | 3/26/25 to 4/9/25 | 2.26 | 0.60 | 0.95 | 0.79 | 0.75 | 0.57 | 0.67 | 0.76 | 3.57 | 1.13 | 2.01 | 2.31 |
| | 4/9/25 to 4/23/25 | 2.31 | 0.81 | 1.36 | 1.19 | 0.87 | 0.49 | 0.52 | 0.82 | 3.48 | 1.54 | 1.79 | 2.64 |
| | 4/23/25 to 5/7/25 | 1.34 | 0.57 | 0.63 | 0.68 | 0.48 | 0.58 | 0.55 | 1.03 | 5.68 | 1.37 | 1.69 | 5.35 |
| | 5/7/25 to 5/21/25 | 1.41 | 0.51 | 0.67 | 0.48 | 0.36 | 0.38 | 0.53 | 0.81 | 4.80 | 1.23 | 2.92 | 3.19 |
| | 5/21/25 to 6/4/25 | 1.89 | 0.79 | 1.38 | 1.36 | 0.73 | 0.53 | 0.52 | 0.55 | 2.27 | 1.25 | 1.50 | 1.00 |
| | 6/4/25 to 6/18/25 | 2.51 | 0.96 | 1.13 | 0.93 | 0.83 | 0.79 | 1.11 | 1.93 | 5.77 | 2.47 | 1.99 | 2.04 |
| | 6/18/25 to 7/2/25 | 4.72 | 1.09 | 1.36 | 0.93 | 0.47 | 0.40 | 0.55 | 0.64 | 1.19 | 0.79 | 1.12 | 2.13 |
| | 7/2/25 to 7/16/25 | 2.82 | 0.89 | 0.60 | 0.79 | 0.55 | 0.47 | 0.53 | 0.71 | 2.02 | 1.10 | 1.64 | 5.98 |
| | 7/16/25 to 7/30/25 | 1.83 | 0.43 | 0.64 | 0.52 | 0.31 | 0.31 | 0.35 | 0.50 | 2.05 | 0.92 | 1.13 | 2.07 |
| | 7/30/25 to 8/13/25 | 1.56 | 0.72 | 0.71 | 0.64 | 0.61 | 0.60 | 0.66 | 1.05 | 2.84 | 2.07 | 2.22 | 3.30 |
| | 8/13/25 to 8/27/25 | 1.46 | 0.64 | 1.48 | 0.96 | 0.37 | 0.37 | 0.51 | 0.61 | 3.11 | 1.32 | 1.74 | 1.53 |
| | 8/27/25 to 9/10/25 | 2.37 | 1.16 | 2.85 | 0.95 | 0.54 | 0.49 | 0.53 | 0.65 | 1.24 | 1.51 | 1.26 | 1.93 |
| | 9/10/25 to 9/24/25 | 2.44 | 0.67 | 0.64 | 0.50 | 0.49 | 0.53 | 0.64 | 1.65 | 3.96 | 1.92 | 2.51 | 1.74 |
| | 9/24/25 to 10/8/25 | 1.87 | 0.48 | 0.69 | 0.47 | 0.32 | 0.39 | 0.55 | 0.70 | 2.13 | 2.17 | 1.39 | 1.90 |
| | 10/8/25 to 10/22/25 | 1.14 | 0.71 | 0.64 | 0.63 | 0.46 | 0.36 | 0.36 | 0.48 | 1.81 | 0.93 | 1.40 | 2.10 |
| | 10/22/25 to 11/5/25 | 0.72 | 0.52 | 0.96 | 0.89 | 0.30 | 0.30 | 0.30 | 0.31 | 1.16 | 1.32 | 0.81 | 0.56 |
| | 11/5/25 to 11/19/25 | 2.21 | 0.70 | 2.74 | 2.33 | 0.98 | 0.52 | 0.45 | 0.45 | 1.00 | 1.16 | 0.84 | 1.46 |
| | 11/19/25 to 12/3/25 | 2.33 | 1.13 | 2.98 | 0.96 | 0.56 | 0.53 | 0.39 | 0.49 | 0.46 | 0.51 | 1.07 | 1.36 |
| | 12/3/25 to 12/17/25 | 4.14 | 1.40 | 2.54 | 1.41 | 1.33 | 0.64 | 0.60 | 0.63 | 0.63 | 0.73 | 0.84 | 1.49 |
| | 12/17/25 to 12/31/25 | 1.69 | 0.93 | 2.25 | 1.73 | 0.95 | 0.69 | 0.49 | 0.63 | 1.37 | 0.77 | 1.59 | 2.39 |
| | | | | | | | | | | | | | |
| | 2025 Avg. | 2.40 | 0.90 | 1.66 | 1.09 | 0.73 | 0.54 | 0.55 | 0.75 | 2.28 | 1.27 | 1.66 | 2.15 |
| | | | | | | | | | | | | | |

**NOVA Chemicals Corunna Site Benzene Ambient Monitoring Results - 2024**

| Ambient Monitoring Location ID | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location (UTM Coordinates) | Easting (m) → | 385487 | 386047 | 385694 | 385650 | 386041 | 385968 | 385265 | 384556 | 384852 | 384592 | 384602 | 384795 |
| | Northing (m) → | 4749184 | 4749094 | 4748280 | 4747902 | 4747146 | 4746643 | 4746676 | 4746713 | 4747686 | 4748013 | 4748497 | 4749212 |
| Two-Week Measured Benzene Concentration (µg/m$^3$) 2024 Monitoring (MM/DD/YY to MM/DD/YY) | Date Range ↓ | | | | | | | | | | | | |
| | 12/20/23 to 1/3/24 | 1.89 | 0.91 | 1.35 | 1.08 | 1.02 | 0.83 | 1.05 | 0.98 | 2.20 | 1.54 | 3.12 | 2.19 |
| | 1/3/24 to 1/17/24 | 2.09 | 1.20 | 2.25 | 0.79 | 0.82 | 0.40 | 0.53 | 0.55 | NR[5] | 0.72 | 2.23 | 1.48 |
| | 1/17/24 to 1/31/24 | 3.33 | 1.28 | 3.07 | 2.71 | 1.03 | 0.91 | 1.17 | 1.37 | NR[5] | 2.19 | 1.64 | 4.36 |
| | 1/31/24 to 2/14/24 | 3.22 | 0.92 | 1.34 | 1.25 | 0.71 | 0.70 | 0.99 | 0.91 | 3.06 | 1.08 | 1.43 | 2.74 |
| | 2/14/24 to 2/28/24 | 4.72 | 1.09 | 1.48 | 1.39 | 0.89 | 0.72 | 0.62 | 0.86 | 3.80 | 1.01 | 1.40 | 3.83 |
| | 2/28/24 to 3/13/24 | 3.60 | 0.80 | 2.01 | 2.00 | 0.91 | 0.77 | 0.92 | 0.86 | 2.48 | 0.99 | 2.34 | 4.05 |
| | 3/13/24 to 3/27/24 | 1.54 | 0.75 | 2.01 | 1.18 | 0.71 | 0.62 | 0.65 | 0.61 | 2.06 | 1.07 | 2.57 | 2.43 |
| | 3/27/24 to 4/10/24 | 1.99 | 0.72 | 1.30 | 0.97 | 0.73 | 0.68 | 1.00 | 0.81 | 3.83 | 1.73 | 2.71 | 2.09 |
| | 4/10/24 to 4/24/24 | 2.62 | 1.08 | 4.44 | 2.94 | 0.88 | 0.63 | 0.59 | 0.66 | 2.16 | 2.04 | 2.41 | 2.11 |
| | 4/24/24 to 5/8/24 | 2.24 | 0.67 | 0.92 | 0.65 | 0.40 | 0.37 | 0.60 | 1.06 | 3.28 | 1.92 | 2.98 | 3.36 |
| | 5/8/24 to 5/22/24 | 1.81 | 0.48 | 0.77 | 0.74 | 0.50 | 0.37 | 0.58 | 1.00 | 4.69 | 1.33 | 1.45 | 3.06 |
| | 5/22/24 to 6/5/24 | 2.12 | 1.07 | 2.35 | 1.31 | 0.69 | 0.49 | 0.56 | 0.70 | 2.94 | 0.98 | 2.78 | 3.27 |
| | 6/5/24 to 6/19/24 | 3.20 | 0.87 | 3.42 | 0.82 | 0.54 | 0.48 | 0.47 | 0.61 | 2.68 | 0.65 | 0.69 | 2.62 |
| | 6/19/24 to 7/3/24 | 3.02 | 0.70 | 1.15 | 0.94 | 0.59 | 0.45 | 0.56 | 0.81 | 3.48 | 1.24 | 3.09 | 2.76 |
| | 7/3/24 to 7/17/24 | 3.42 | 0.94 | 1.39 | 0.90 | NR[6] | 0.54 | 0.66 | 0.68 | 2.08 | 1.39 | 1.58 | 2.46 |
| | 7/17/24 to 7/31/24 | 1.82 | 0.70 | 1.22 | 0.84 | NR[6] | 0.55 | 0.61 | 0.77 | 2.77 | 1.06 | 1.70 | 1.78 |
| | 7/31/24 to 8/14/24 | 1.84 | 0.99 | 2.43 | 1.33 | 0.57 | 0.38 | 0.42 | 0.70 | 2.03 | 2.06 | 1.46 | 0.80 |
| | 8/14/24 to 8/28/24 | 3.66 | 0.77 | 1.36 | 1.04 | 0.64 | 0.62 | 0.88 | 0.74 | 2.70 | 1.05 | 1.70 | 3.95 |
| | 8/28/24 to 9/11/24 | 1.94 | 0.96 | 2.26 | 1.49 | 1.11 | 0.64 | 0.57 | 0.76 | 2.62 | 1.06 | 3.49 | 3.34 |
| | 9/11/24 to 9/25/24 | 1.03 | 0.39 | 0.49 | 0.50 | 0.41 | 0.44 | 0.55 | 0.46 | 0.77 | 0.96 | 10.60 | 3.07 |
| | 9/25/24 to 10/9/24 | 1.88 | 0.62 | 1.41 | 1.59 | 0.62 | 0.57 | 0.60 | 0.64 | 2.22 | 3.28 | 1.68 | 1.18 |
| | 10/9/24 to 10/23/24 | 6.86 | 0.96 | 1.38 | 1.31 | 0.91 | 0.52 | 0.61 | 0.75 | 3.12 | 1.78 | 0.87 | 2.44 |
| | 10/23/24 to 11/6/24 | 3.38 | 0.85 | 1.29 | 0.85 | 0.68 | 0.49 | 0.35 | 0.40 | 0.47 | 0.51 | 2.55 | 12.10 |
| | 11/6/24 to 11/20/24 | 3.80 | 1.02 | 1.85 | 1.80 | 0.99 | 0.67 | 0.59 | 0.61 | 1.98 | 2.19 | 4.85 | 1.86 |
| | 11/20/24 to 12/4/24 | 1.34 | 1.42 | 4.68 | 1.86 | 1.23 | 0.68 | 0.60 | 0.69 | 0.72 | 0.93 | 1.91 | 1.10 |
| | 12/4/24 to 12/18/24 | 2.89 | 1.06 | 2.47 | 0.86 | 0.69 | 0.36 | 0.42 | 0.41 | 0.57 | 0.46 | 1.79 | 1.94 |
| | | | | | | | | | | | | | |
| | 2024 Avg. | 2.74 | 0.89 | 1.93 | 1.27 | 0.76 | 0.57 | 0.66 | 0.75 | 2.45 | 1.35 | 2.50 | 2.94 |
| | | | | | | | | | | | | | |

Note 5: The results were not reportable due to a sample collection error.

Note 6: Sample location inaccessible due to unsafe conditions caused by flooding

**NOVA Chemicals Corunna Site Benzene Ambient Monitoring Results - 2023**

| Ambient Monitoring Location ID | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location (UTM Coordinates) | Easting (m) → | 385487 | 386047 | 385694 | 385650 | 386041 | 385968 | 385265 | 384556 | 384852 | 384592 | 384602 | 384795 |
| | Northing (m) → | 4749184 | 4749094 | 4748280 | 4747902 | 4747146 | 4746643 | 4746676 | 4746713 | 4747686 | 4748013 | 4748497 | 4749212 |
| | Date Range ↓ | | | | | | | | | | | | |
| Two-Week Measured Benzene Concentration (µg/m$^3$) 2023 Monitoring (MM/DD/YY to MM/DD/YY) | 12/21/22 to 1/04/23 | 2.45 | 1.21 | 1.71 | 0.73 | 0.77 | 0.75 | 0.71 | 0.72 | 0.89 | 1.30 | 1.73 | 2.86 |
| | 1/04/23 to 1/18/23 | 1.95 | 1.13 | 1.65 | 1.27 | 1.05 | 0.96 | 0.91 | 0.84 | 1.62 | 0.83 | 3.61 | 2.50 |
| | 1/18/23 to 2/01/23 | 1.79 | 1.03 | 1.18 | 1.41 | 0.65 | 0.77 | 0.59 | 0.54 | 0.99 | 0.81 | 1.26 | 1.24 |
| | 2/01/23 to 2/15/23 | 4.28 | 1.33 | 1.40 | 1.14 | 0.88 | 1.03 | 0.70 | 0.69 | 0.83 | 0.66 | 1.03 | 4.62 |
| | 2/15/23 to 3/01/23 | 1.88 | 0.94 | 1.09 | 1.02 | 0.74 | 0.77 | 0.53 | 0.54 | 1.63 | 1.45 | 1.84 | 4.51 |
| | 3/01/23 to 3/15/23 | 1.07 | 0.79 | 1.17 | 2.03 | 2.22 | 1.08 | 1.52 | 1.44 | 13.70 | 2.44 | 1.93 | 1.34 |
| | 3/15/23 to 3/29/23 | 3.42 | 1.77 | 2.70 | 0.91 | 0.92 | 0.78 | 0.71 | 0.88 | 3.83 | 1.17 | 1.54 | 2.10 |
| | 3/29/23 to 4/13/23 | 3.05 | 1.54 | 1.04 | 0.73 | 0.60 | 0.62 | 0.48 | 0.56 | 1.65 | 0.91 | 2.52 | 2.63 |
| | 4/13/23 to 4/27/23 | 1.77 | 0.96 | 0.99 | 0.86 | 0.46 | 0.57 | 0.39 | 0.33 | 0.78 | 0.89 | 1.52 | 1.79 |
| | 4/27/23 to 5/10/23 | 0.83 | 0.50 | 1.25 | 0.84 | 0.66 | 0.55 | 0.78 | 0.80 | 4.47 | 1.90 | 7.33 | 1.72 |
| | 5/10/23 to 5/24/23 | 3.72 | 0.93 | 0.98 | 0.79 | 0.48 | 0.45 | 0.62 | 1.42 | 9.31 | 1.14 | 1.64 | 2.54 |
| | 5/24/23 to 6/7/23 | 0.97 | 0.83 | 1.00 | 0.99 | 0.72 | 0.72 | 1.28 | 2.11 | 6.93 | 2.69 | 2.87 | 3.13 |
| | 6/7/23 to 6/21/23 | 1.79 | 1.09 | 1.63 | 1.38 | 1.11 | 1.08 | 1.32 | 1.39 | 5.53 | 2.07 | 2.87 | 2.72 |
| | 6/21/23 to 7/5/23 | 2.23 | 1.30 | 0.30 | 1.59 | 1.13 | 1.23 | 0.81 | 1.78 | 2.58 | 2.62 | 4.49 | 4.94 |
| | 7/5/23 to 7/19/23 | 2.84 | 0.80 | 1.03 | 0.83 | 0.55 | 0.41 | 0.49 | 0.81 | 2.92 | 1.05 | 2.03 | 3.21 |
| | 7/19/23 to 8/2/23 | 3.48 | 1.02 | 0.95 | 0.96 | 0.84 | 0.75 | 0.92 | 0.88 | 1.93 | 1.14 | 1.42 | 3.44 |
| | 8/2/23 to 8/16/23 | 3.04 | 1.11 | 1.78 | 1.11 | 0.83 | 0.64 | 0.63 | 0.61 | 1.82 | 1.42 | 1.74 | 1.38 |
| | 8/16/23 to 8/30/23 | 2.56 | 1.13 | 1.54 | 1.51 | 0.81 | 0.67 | 0.84 | 0.96 | 3.59 | 1.93 | 2.07 | 3.66 |
| | 8/30/23 to 9/13/23 | 2.76 | 0.84 | 1.34 | 1.16 | 0.78 | 0.77 | 0.81 | 0.78 | 2.08 | 1.22 | 1.40 | 1.79 |
| | 9/13/23 to 9/27/23 | 1.32 | 0.77 | 0.97 | 0.94 | 0.65 | 0.56 | 0.53 | 0.56 | 1.36 | 1.99 | 2.92 | 1.72 |
| | 9/27/23 to 10/11/23 | 2.67 | 1.20 | 1.83 | 2.08 | 0.52 | 0.54 | 0.48 | 0.69 | 1.30 | 4.23 | 2.64 | 2.89 |
| | 10/11/23 to 10/25/23 | 1.81 | 0.58 | 0.80 | 1.06 | 0.80 | 0.61 | 0.48 | 0.58 | 1.58 | 1.36 | 0.89 | 1.64 |
| | 10/25/23 to 11/8/23 | 6.12 | 0.92 | 2.19 | 1.27 | 0.92 | 0.41 | 0.70 | 0.57 | 1.35 | 1.27 | 1.05 | 2.36 |
| | 11/8/23 to 11/22/23 | 3.89 | 1.43 | 2.56 | 1.57 | 0.90 | 0.77 | 0.79 | 0.72 | 1.22 | 1.10 | 2.27 | 2.40 |
| | 11/22/23 to 12/6/23 | 2.84 | 0.96 | 2.74 | 1.17 | 0.75 | 0.55 | 0.55 | 0.57 | 0.95 | 1.45 | 1.03 | 1.26 |
| | 12/6/23 to 12/20/23 | 4.32 | 1.66 | 2.78 | 1.45 | 1.18 | 0.69 | 0.70 | 0.63 | 0.73 | 0.84 | 1.43 | 2.88 |
| | | | | | | | | | | | | | |
| | 2023 Avg. | 2.65 | 1.07 | 1.48 | 1.18 | 0.84 | 0.72 | 0.74 | 0.86 | 2.91 | 1.53 | 2.20 | 2.59 |
| | | | | | | | | | | | | | |

**NOVA Chemicals Corunna Site Benzene Ambient Monitoring Results - 2022**

| Ambient Monitoring Location ID | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location (UTM Coordinates) | Easting (m) → | 385487 | 386047 | 385694 | 385650 | 386041 | 385968 | 385265 | 384556 | 384852 | 384592 | 384602 | 384795 |
| | Northing (m) → | 4749184 | 4749094 | 4748280 | 4747902 | 4747146 | 4746643 | 4746676 | 4746713 | 4747686 | 4748013 | 4748497 | 4749212 |
| Two-Week Measured Benzene Concentration (µg/m$^3$) 2022 Monitoring (MM/DD/YY to MM/DD/YY) | Date Range ↓ | | | | | | | | | | | | |
| | 12/22/21 to 01/05/22 | 2.09 | 1.05 | 1.09 | 0.87 | 0.86 | 0.84 | 0.81 | 0.83 | 3.36 | 0.72 | 2.55 | 2.15 |
| | 01/05/22 to 01/19/22 | 2.06 | 1.21 | 1.01 | 1.70 | 0.74 | 0.74 | 0.81 | 0.69 | 1.84 | 1.53 | 1.11 | 1.26 |
| | 01/19/22 to 02/02/22 | 1.58 | 0.83 | 0.87 | 1.05 | 1.02 | 0.86 | 0.82 | 0.70 | 0.97 | 0.78 | 1.22 | 3.51 |
| | 02/02/22 to 02/16/22 | 2.72 | 0.95 | 1.67 | 1.44 | 1.09 | 0.77 | 0.79 | 0.78 | 2.58 | 0.84 | 1.21 | 2.56 |
| | 02/16/22 to 03/02/22 | 2.87 | 1.07 | 1.12 | 1.25 | 0.74 | 0.63 | 0.98 | 0.76 | 2.53 | 1.41 | 1.08 | 1.77 |
| | 03/02/22 to 03/16/22 | 2.10 | 0.80 | 0.97 | 1.08 | 0.97 | 0.81 | 0.76 | 0.80 | 1.57 | 1.13 | 1.78 | 3.02 |
| | 03/16/22 to 03/30/22 | 2.13 | 0.77 | 1.11 | 1.53 | 0.97 | 0.63 | 0.70 | 0.61 | 2.44 | 0.86 | 2.00 | 2.13 |
| | 03/30/22 to 04/13/22 | 0.98 | 0.62 | 0.84 | 0.68 | 0.51 | 0.60 | 0.66 | 0.55 | 0.84 | 0.60 | 1.86 | 2.47 |
| | 04/13/22 to 04/27/22 | 2.66 | 1.10 | 2.92 | 1.48 | 0.51 | 0.37 | 0.49 | 0.55 | 1.06 | 1.79 | 2.09 | 3.10 |
| | 04/27/22 to 05/11/22 | 0.77 | 0.64 | 0.83 | 0.56 | 0.47 | 0.42 | 0.36 | 1.12 | 5.38 | 3.48 | 6.46 | 1.95 |
| | 05/11/22 to 05/25/22 | 1.14 | 0.56 | 1.30 | 1.42 | 0.56 | 0.52 | 0.72 | 0.96 | 4.48 | 1.73 | 4.52 | 2.85 |
| | 05/25/22 to 06/08/22 | 2.36 | 1.07 | 1.54 | 0.95 | 0.47 | 0.43 | 0.76 | 0.91 | 3.59 | 1.24 | 2.75 | 2.37 |
| | 06/08/22 to 06/22/22 | 2.83 | 0.99 | 2.22 | 1.84 | 0.37 | 0.30 | 0.69 | 0.85 | 2.17 | 1.16 | 2.12 | 2.58 |
| | 06/22/22 to 07/06/22 | 1.84 | 0.68 | 0.66 | 0.91 | 0.30 | 0.30 | NR[4] | 0.46 | 2.18 | 0.93 | 1.40 | 1.95 |
| | 07/06/22 to 07/20/22 | 1.73 | 0.63 | 0.98 | 0.80 | 0.39 | 0.39 | 0.58 | 0.77 | 4.49 | 2.37 | 2.99 | 2.98 |
| | 07/20/22 to 08/03/22 | 2.79 | 1.18 | 2.18 | 1.26 | 0.39 | 0.32 | 0.30 | 0.30 | 0.45 | 0.51 | 0.55 | 1.64 |
| | 08/03/22 to 08/17/22 | 2.28 | 0.82 | 0.98 | 0.78 | 0.81 | 0.63 | 0.74 | 1.13 | 3.87 | 2.18 | 1.99 | 2.05 |
| | 08/17/22 to 08/31/22 | 2.53 | 1.17 | 1.45 | 1.14 | 0.82 | 0.74 | 0.68 | 0.79 | 2.27 | 0.83 | 1.87 | 2.64 |
| | 08/31/22 to 09/14/22 | 1.95 | 0.74 | 1.68 | 0.86 | 0.65 | 0.49 | 0.60 | 1.04 | 0.33 | 1.22 | 2.53 | 4.77 |
| | 09/14/22 to 09/28/22 | 3.11 | 0.93 | 2.25 | 1.79 | 1.04 | 0.62 | 0.53 | 0.54 | 1.45 | 0.87 | 1.01 | 5.19 |
| | 09/28/22 to 10/12/22 | 2.78 | 1.34 | 1.17 | 1.31 | 0.71 | 0.51 | 0.47 | 0.63 | 2.17 | 1.46 | 1.63 | 2.88 |
| | 10/12/22 to 10/26/22 | 1.70 | 0.89 | 1.01 | 1.22 | 0.42 | 0.33 | 0.52 | 0.30 | 0.36 | 0.30 | 1.72 | 5.29 |
| | 10/26/22 to 11/09/22 | 1.59 | 0.67 | 0.69 | 0.65 | 0.62 | 0.44 | 0.48 | 0.39 | 0.52 | 0.93 | 1.48 | 0.47 |
| | 11/09/22 to 11/23/22 | 4.22 | 2.68 | 1.96 | 1.19 | 0.72 | 0.59 | 0.51 | 0.39 | 0.47 | 0.87 | 0.64 | 2.51 |
| | 11/23/22 to 12/07/22 | 4.13 | 1.46 | 2.23 | 1.85 | 0.87 | 0.74 | 0.75 | 0.69 | 1.32 | 1.04 | 2.16 | 5.59 |
| | 12/07/22 to 12/21/22 | 1.45 | 0.89 | 1.00 | 0.79 | 0.62 | 0.59 | 0.48 | 0.55 | 0.77 | 1.61 | 1.89 | 1.59 |
| | | | | | | | | | | | | | |
| | 2022 Avg. | 2.25 | 0.99 | 1.37 | 1.17 | 0.68 | 0.56 | 0.64 | 0.70 | 2.06 | 1.25 | 2.02 | 2.74 |
| | | | | | | | | | | | | | |

Note 4: The results were not reportable due to sample contamination from pesticide use at the sample location to remove wasps

**NOVA Chemicals Corunna Site Benzene Ambient Monitoring Results - 2021**

| Ambient Monitoring Location ID | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location (UTM Coordinates) | Easting (m) → | 385487 | 386047 | 385694 | 385650 | 386041 | 385968 | 385265 | 384556 | 384852 | 384592 | 384602 | 384795 |
| | Northing (m) → | 4749184 | 4749094 | 4748280 | 4747902 | 4747146 | 4746643 | 4746676 | 4746713 | 4747686 | 4748013 | 4748497 | 4749212 |
| Two-Week Measured Benzene Concentration (µg/m$^3$) 2021 Monitoring (MM/DD/YY to MM/DD/YY) | Date Range ↓ | | | | | | | | | | | | |
| | 12/22/20 to 01/06/21 | 1.23 | 0.87 | 1.29 | 0.91 | 0.70 | 0.72 | 0.55 | 0.50 | 0.69 | 0.96 | 0.93 | 2.22 |
| | 01/06/21 to 01/20/21 | 2.34 | 1.15 | 1.35 | 0.93 | 0.85 | 0.76 | 0.84 | 0.84 | 2.58 | 0.89 | 1.31 | 2.23 |
| | 01/20/21 to 02/03/21 | 1.14 | 0.70 | 1.01 | 1.11 | 0.98 | 0.71 | 0.64 | 0.68 | 2.02 | 1.33 | 1.07 | 1.51 |
| | 02/03/21 to 02/17/21 | 1.50 | 1.05 | 0.93 | 0.79 | 0.82 | 0.83 | 0.59 | 0.75 | 1.68 | 1.34 | 1.46 | 2.62 |
| | 02/17/21 to 03/03/21 | 2.39 | 1.04 | 1.33 | 1.01 | 0.88 | 0.72 | 0.59 | 0.61 | 0.72 | 0.94 | 1.72 | 6.69 |
| | 03/03/21 to 03/17/21 | 1.08 | 0.70 | 0.99 | 0.93 | 0.79 | 0.69 | 0.71 | 0.72 | 2.17 | 0.96 | 1.39 | 1.60 |
| | 03/17/21 to 03/31/21 | 1.58 | 0.59 | 0.79 | 0.80 | 0.64 | 0.55 | 0.49 | 0.79 | 3.44 | 0.88 | 1.73 | 3.90 |
| | 03/31/21 to 04/14/21 | 1.49 | 0.67 | 0.88 | 0.83 | 0.79 | 0.62 | 0.58 | 0.63 | 1.30 | 0.77 | 3.31 | 3.89 |
| | 04/14/21 to 04/28/21 | 2.37 | 0.73 | 1.03 | 0.96 | 0.67 | 0.59 | 0.57 | 0.53 | 1.61 | 0.75 | 1.28 | 2.05 |
| | 04/28/21 to 05/12/21 | 2.03 | 0.67 | 1.14 | 1.52 | 0.75 | 0.63 | 0.64 | 0.73 | 3.21 | 1.13 | 1.76 | 1.87 |
| | 05/12/21 to 05/26/21 | 2.66 | 0.61 | 1.01 | 0.95 | 0.47 | 0.40 | 0.50 | 0.54 | 1.30 | 0.47 | 0.57 | 1.86 |
| | 05/26/21 to 06/09/21 | 6.60 | 1.04 | 0.44 | 0.40 | 0.30 | 0.30 | 0.41 | 0.63 | 2.00 | 0.70 | 0.68 | 1.53 |
| | 06/09/21 to 06/23/21 | 1.57 | 0.68 | 0.71 | 0.62 | 0.75 | 0.58 | 0.53 | 0.60 | 1.82 | 0.83 | 1.37 | 1.76 |
| | 06/23/21 to 07/07/21 | 2.79 | 1.00 | 0.83 | 0.76 | 0.56 | 0.54 | 0.80 | 0.70 | 1.47 | 0.75 | 0.74 | 2.61 |
| | 07/07/21 to 07/21/21 | 1.51 | 0.80 | 1.17 | 0.71 | 0.55 | 0.55 | 0.76 | 0.82 | 2.85 | 2.02 | 2.04 | 2.26 |
| | 07/21/21 to 08/04/21 | 1.94 | 1.01 | 1.76 | 1.02 | 0.64 | 0.54 | 0.59 | 0.66 | 2.39 | 0.81 | 0.98 | 2.00 |
| | 08/04/21 to 08/18/21 | 1.99 | 0.77 | 0.66 | 0.48 | 0.33 | 0.33 | 0.38 | 0.59 | 1.24 | 1.56 | 1.37 | 3.49 |
| | 08/18/21 to 09/01/21 | 3.66 | 0.95 | 1.65 | 0.94 | 0.64 | 0.60 | 0.68 | 0.81 | 2.66 | 1.86 | 1.93 | 2.31 |
| | 09/01/21 to 09/15/21 | 3.45 | 1.32 | 2.97 | 1.54 | 0.61 | 0.69 | 0.67 | 0.84 | 1.84 | 1.99 | 1.96 | 3.88 |
| | 09/15/21 to 09/29/01 | 1.80 | 0.63 | 0.42 | 0.36 | 0.30 | 0.34 | 0.30 | 0.82 | 3.07 | 1.13 | 2.21 | 2.85 |
| | 09/28/21 to 10/13/21 | 1.11 | 0.36 | 0.31 | 0.30 | 0.32 | 0.31 | 0.31 | 0.35 | 0.56 | 1.26 | 2.25 | 2.38 |
| | 10/13/21 to 10/27/21 | 2.15 | 0.97 | 0.96 | 0.99 | 0.49 | 0.51 | 0.42 | 0.58 | 1.05 | 0.97 | 0.88 | 1.74 |
| | 10/27/21 to 11/10/21 | 2.11 | 0.68 | 0.91 | 0.65 | 0.55 | 0.42 | 0.42 | 0.48 | 1.20 | 0.96 | 1.07 | 1.75 |
| | 11/10/21 to 11/24/21 | 1.31 | 0.74 | 1.41 | 0.52 | 0.39 | NR[3] | NR[3] | 0.31 | 0.31 | 0.31 | 0.97 | 2.46 |
| | 11/24/21 to 12/08/21 | 1.96 | 0.95 | 1.67 | 1.24 | 0.77 | 0.48 | 0.37 | 0.41 | 0.48 | 0.45 | 1.74 | 1.53 |
| | 12/08/21 to 12/22/21 | 6.85 | 2.44 | 1.24 | 1.33 | 0.72 | 0.55 | 0.47 | 0.51 | 1.30 | 2.14 | 3.05 | 1.89 |
| | | | | | | | | | | | | | |
| | 2021 Avg. | 2.33 | 0.89 | 1.11 | 0.87 | 0.63 | 0.56 | 0.55 | 0.63 | 1.73 | 1.08 | 1.53 | 2.50 |
| | | | | | | | | | | | | | |

Note 3: During the November 10 -24 sampling period, there is no reportable data for Locations 6 and 7 due to an error made during sample collection

**NOVA Chemicals Corunna Site Benzene Ambient Monitoring Results - 2020**

| Ambient Monitoring Location ID | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location (UTM Coordinates) | Easting (m) → | 385487 | 386047 | 385694 | 385650 | 386041 | 385968 | 385265 | 384556 | 384852 | 384592 | 384602 | 384795 |
| | Northing (m) → | 4749184 | 4749094 | 4748280 | 4747902 | 4747146 | 4746643 | 4746676 | 4746713 | 4747686 | 4748013 | 4748497 | 4749212 |
| Two-Week Measured Benzene Concentration (µg/m$^3$) 2020 Monitoring (MM/DD/YY to MM/DD/YY) | Date Range ↓ | | | | | | | | | | | | |
| | 12/24/19 to 01/08/20 | 3.88 | 1.10 | 1.32 | 0.83 | 0.78 | 0.65 | 0.49 | 0.59 | 0.71 | 0.59 | 2.06 | 2.67 |
| | 01/08/20 to 01/22/20 | 2.02 | 0.80 | 1.32 | 1.04 | 1.39 | 0.81 | 0.63 | 0.67 | 1.73 | 0.64 | 2.00 | 2.30 |
| | 01/22/20 to 02/05/20 | 2.13 | 0.83 | 1.34 | 1.15 | 0.89 | 0.79 | 0.78 | 0.75 | 1.77 | 0.99 | 1.52 | 2.98 |
| | 02/05/20 to 02/19/20 | 1.92 | 0.80 | 0.88 | 0.86 | 0.65 | 0.70 | 0.86 | 0.55 | 1.46 | 0.81 | 1.34 | 3.63 |
| | 02/19/20 to 03/04/20 | 3.44 | 1.37 | 1.95 | 1.69 | 1.21 | 0.93 | 0.91 | 1.27 | 3.08 | 1.40 | 1.69 | 2.79 |
| | 03/04/20 to 03/18/20 | 2.23 | 0.77 | 1.14 | 1.10 | 0.73 | 0.64 | 0.85 | 0.67 | 3.05 | 0.97 | 1.50 | 4.58 |
| | 03/18/20 to 04/02/20 | 1.50 | 0.95 | 1.26 | 1.10 | 1.12 | 0.79 | 1.08 | 1.32 | 4.12 | 1.87 | 3.19 | 3.57 |
| | 04/02/20 to 04/15/20 | 1.09 | 0.88 | 1.60 | 1.22 | 0.80 | 0.74 | 0.94 | 0.91 | 2.57 | 0.95 | 1.70 | 2.47 |
| | 04/15/20 to 04/29/20 | 1.36 | 0.58 | 0.72 | 0.66 | 0.57 | 0.38 | 0.33 | 0.71 | 3.32 | 0.78 | 2.06 | 3.00 |
| | 04/29/20 to 05/13/20 | 1.91 | 0.74 | 1.18 | 1.12 | 0.70 | 0.74 | 0.99 | 1.10 | 7.10 | 1.10 | 1.88 | 2.59 |
| | 05/13/20 to 05/27/20 | 1.27 | 0.51 | 0.49 | 0.37 | 0.39 | 0.45 | 0.38 | 0.53 | 1.85 | 2.12 | 4.59 | 4.44 |
| | 05/27/20 to 06/10/20 | 2.13 | 0.76 | 0.87 | 0.72 | 0.49 | 0.34 | 0.67 | 0.85 | 3.38 | 0.86 | 1.44 | 2.89 |
| | 06/10/20 to 06/24/20 | 1.40 | 0.62 | 1.35 | 0.42 | 0.37 | 0.30 | 0.61 | 0.93 | 3.00 | 1.23 | 1.63 | 2.41 |
| | 06/24/20 to 07/08/20 | 1.79 | 0.84 | 1.17 | 0.71 | 0.36 | 0.30 | 0.62 | 0.80 | 3.99 | 0.99 | 1.03 | 1.22 |
| | 07/08/20 to 07/22/20 | 3.04 | 0.87 | 1.34 | 1.38 | 0.75 | 0.44 | 0.59 | 0.39 | 2.68 | 2.53 | 2.63 | 3.64 |
| | 07/22/20 to 08/05/20 | 2.21 | 0.88 | 1.42 | 0.82 | 0.61 | 0.60 | 0.57 | 0.87 | 3.31 | 1.01 | 1.29 | 1.02 |
| | 08/05/20 to 08/19/20 | 1.70 | 0.41 | 1.25 | 0.83 | 0.48 | 0.30 | 0.30 | 0.40 | 1.50 | 1.45 | 1.52 | 1.75 |
| | 08/19/20 to 09/02/20 | 3.72 | 1.27 | 1.28 | 0.97 | 0.77 | 0.50 | 0.62 | 0.58 | 1.08 | 0.76 | 1.15 | 3.65 |
| | 09/02/20 to 09/16/20 | 1.86 | 0.53 | 0.89 | 0.62 | 0.37 | 0.32 | 0.49 | 0.49 | 2.85 | 1.19 | 1.38 | 2.27 |
| | 09/16/20 to 09/30/20 | 2.19 | 0.80 | 0.66 | 0.48 | 0.40 | 0.48 | 0.58 | 0.55 | 1.89 | 0.57 | 1.05 | 2.79 |
| | 09/30/20 to 10/14/20 | 2.36 | 0.81 | 0.99 | 0.85 | 0.75 | 0.49 | 0.37 | 0.41 | 0.90 | 0.68 | 1.03 | 1.33 |
| | 10/14/20 to 10/28/20 | 1.50 | 0.58 | 0.89 | 0.64 | 0.56 | 0.58 | 0.53 | 0.52 | 1.03 | 0.98 | 0.98 | 1.56 |
| | 10/28/20 to 11/11/20 | 3.43 | 0.69 | 0.96 | 0.78 | 0.65 | 0.62 | 0.58 | 0.64 | 1.45 | 0.54 | 0.55 | 3.52 |
| | 11/11/20 to 11/25/20 | 1.92 | 0.91 | 1.55 | 0.98 | 0.77 | 0.76 | 0.64 | 0.57 | 0.80 | 0.88 | 1.37 | 1.69 |
| | 11/25/20 to 12/9/20 | 2.61 | 1.02 | 1.29 | 1.13 | 1.06 | 0.90 | 0.72 | 0.64 | 0.78 | 0.59 | 0.85 | 1.88 |
| | 12/9/20 to 12/22/20 | 2.42 | 0.85 | 0.94 | 0.94 | 0.82 | 0.58 | 0.60 | 0.60 | 1.15 | 1.34 | 1.38 | 3.65 |
| | | | | | | | | | | | | | |
| | 2020 Avg. | 2.19 | 0.81 | 1.16 | 0.90 | 0.71 | 0.58 | 0.64 | 0.70 | 2.33 | 1.07 | 1.65 | 2.70 |
| | | | | | | | | | | | | | |

**NOVA Chemicals Corunna Site Benzene Ambient Monitoring Results - 2019**

| Ambient Monitoring Location ID | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location (UTM Coordinates) | Easting (m) → | 385487 | 386047 | 385694 | 385650 | 386041 | 385968 | 385265 | 384556 | 384852 | 384592 | 384602 | 384795 |
| | Northing (m) → | 4749184 | 4749094 | 4748280 | 4747902 | 4747146 | 4746643 | 4746676 | 4746713 | 4747686 | 4748013 | 4748497 | 4749212 |
| Two-Week Measured Benzene Concentration (µg/m$^3$) 2019 Monitoring (MM/DD/YY to MM/DD/YY) | Date Range ↓ | | | | | | | | | | | | |
| | 12/27/18 to 01/09/19 | 3.04 | 1.03 | 1.44 | 1.21 | 1.17 | 0.83 | 0.97 | 0.68 | 1.64 | 0.93 | 3.30 | 6.66 |
| | 01/09/19 to 01/23/19 | 1.25 | 1.03 | 1.40 | 1.25 | 1.68 | 1.25 | 1.02 | 0.85 | 1.78 | 1.93 | 1.47 | 2.08 |
| | 01/23/19 to 02/06/19 | 3.89 | 1.69 | 1.71 | 1.20 | 0.97 | 0.88 | 0.89 | 0.67 | 1.11 | 1.05 | 1.37 | 2.28 |
| | 02/06/19 to 02/20/19[2] | 1.08 | 0.85 | 1.50 | 0.84 | 0.88 | | 0.86 | 0.97 | 1.47 | 1.78 | 1.50 | 1.60 |
| | 02/20/19 to 03/06/19 | 1.20 | 0.96 | 1.74 | 1.48 | 0.95 | 0.88 | 0.86 | 0.68 | 1.48 | 1.17 | 2.44 | 2.21 |
| | 03/06/19 to 03/20/19 | 2.61 | 1.47 | 1.95 | 1.34 | 0.75 | 0.70 | 0.55 | 0.53 | 0.54 | 0.58 | 2.12 | 5.57 |
| | 03/20/19 to 04/03/19 | 3.50 | 0.78 | 1.11 | 0.97 | 1.11 | 0.74 | 1.23 | 0.69 | 3.48 | 0.95 | 1.06 | 2.86 |
| | 04/03/19 to 04/17/19 | 0.80 | 0.60 | 1.05 | 0.70 | 0.55 | 0.50 | 0.53 | 0.62 | 3.10 | 2.26 | 2.45 | 1.51 |
| | 04/17/19 to 05/01/19 | 0.78 | 0.40 | 0.74 | 0.87 | 0.59 | 0.55 | 0.99 | 0.76 | 5.39 | 1.48 | 2.72 | 4.12 |
| | 05/01/19 to 05/15/19 | 1.51 | 0.55 | 0.93 | 0.47 | 0.37 | 0.35 | 0.92 | 1.00 | 5.44 | 1.92 | 1.52 | 1.17 |
| | 05/15/19 to 05/29/19 | 3.09 | 1.70 | 2.81 | 1.99 | 0.91 | 0.70 | 0.81 | 1.34 | 4.16 | 2.34 | 3.57 | 6.07 |
| | 05/29/19 to 06/12/19 | 2.92 | 0.86 | 1.85 | 1.03 | 0.73 | 0.74 | 0.87 | 0.96 | 3.26 | 1.55 | 2.77 | 4.05 |
| | 06/12/19 to 06/26/19 | 2.20 | 0.62 | 0.93 | 0.57 | 0.36 | 0.47 | 0.68 | 1.27 | 4.43 | 1.18 | 2.15 | 3.02 |
| | 06/26/19 to 07/10/19 | 1.54 | 0.64 | 0.92 | 0.79 | 0.51 | 0.54 | 0.81 | 1.23 | 5.08 | 1.44 | 1.78 | 3.34 |
| | 07/10/19 to 07/24/19 | 3.37 | 0.76 | 1.17 | 0.81 | 0.75 | 0.73 | 0.7 | 0.71 | 2.52 | 0.88 | 0.9 | 4.98 |
| | 07/24/19 to 08/07/19 | 3.9 | 0.94 | 1.39 | 0.91 | 0.69 | 0.62 | 0.58 | 0.87 | 3.71 | 0.91 | 1.03 | 5.15 |
| | 08/07/19 to 08/21/19 | 1.58 | 0.72 | 1.34 | 1.59 | 0.56 | 0.5 | 0.43 | 0.55 | 2.53 | 1.04 | 1.42 | 5.79 |
| | 08/21/19 to 09/04/19 | 1.28 | 0.72 | 0.89 | 0.77 | 0.37 | 0.49 | 0.40 | 0.52 | 2.22 | 1.42 | 1.92 | 1.79 |
| | 09/04/19 to 09/18/09 | 1.74 | 0.74 | 0.75 | 0.55 | 0.52 | 0.50 | 0.50 | 0.57 | 2.12 | 1.49 | 2.62 | 3.00 |
| | 9/18/19 to 10/02/19 | 2.69 | 0.60 | 1.00 | 0.76 | 0.40 | 0.32 | 0.33 | 0.38 | 1.31 | 0.77 | 2.47 | 13.00 |
| | 10/02/19 to 10/16/19 | 1.26 | 0.46 | 1.53 | 0.58 | <0.31 | <0.31 | <0.31 | 0.39 | 1.54 | 1.00 | 4.32 | 1.44 |
| | 10/16/19 to 10/30/19 | 1.82 | 0.99 | 0.90 | 0.92 | 1.01 | 0.64 | 0.55 | 0.55 | 0.89 | 0.81 | 2.46 | 2.64 |
| | 10/30/19 to 11/13/19 | 4.40 | 0.81 | 2.72 | 1.97 | 0.89 | 0.63 | 0.81 | 0.60 | 1.62 | 1.14 | 0.74 | 2.58 |
| | 11/13/19 to 11/27/19 | 2.03 | 1.14 | 0.96 | 1.03 | 0.77 | 0.63 | 0.55 | 0.62 | 0.93 | 1.31 | 1.93 | 2.75 |
| | 11/27/19 to 12/11/19 | 1.50 | 0.90 | 1.08 | 1.05 | 0.77 | 0.79 | 0.66 | 0.57 | 1.17 | 0.71 | 0.97 | 1.88 |
| | 12/11/19 to 12/24/19 | 2.51 | 0.89 | 1.25 | 0.97 | 0.79 | 0.79 | 0.62 | 0.67 | 1.27 | 1.67 | 1.52 | 3.68 |
| | | | | | | | | | | | | | |
| | 2019 Avg. | 2.21 | 0.88 | 1.35 | 1.02 | 0.76 | 0.66 | 0.72 | 0.74 | 2.47 | 1.30 | 2.02 | 3.66 |
| | | | | | | | | | | | | | |

Note 2: During the February 6-20, 2019 sampling period, there is no reportable data for Location 6 due to a technical issue with the laboratory analysis of the sample

**NOVA Chemicals Corunna Site Benzene Ambient Monitoring Results - 2018**

| Ambient Monitoring Location ID | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location (UTM Coordinates) | Easting (m) → | 385487 | 386047 | 385694 | 385650 | 386041 | 385968 | 385265 | 384556 | 384852 | 384592 | 384602 | 384795 |
| | Northing (m) → | 4749184 | 4749094 | 4748280 | 4747902 | 4747146 | 4746643 | 4746676 | 4746713 | 4747686 | 4748013 | 4748497 | 4749212 |
| Two-Week Measured Benzene Concentration (µg/m$^3$) 2018 Monitoring (MM/DD/YY to MM/DD/YY) | Date Range ↓ | | | | | | | | | | | | |
| | 12/27/17 to 01/10/18 | 4.03 | 2.04 | 3.74 | 2.54 | 1.60 | 0.89 | 0.83 | 0.67 | 0.87 | 0.89 | 1.17 | 3.60 |
| | 01/10/18 to 01/24/18[1] | 14.80 | 3.73 | 2.60 | 2.19 | 1.61 | 1.27 | 3.84 | 2.50 | 6.94 | 10.20 | 19.50 | 118.00 |
| | 01/24/18 to 02/07/18 | 4.29 | 1.15 | 1.76 | 1.61 | 1.01 | 0.87 | 0.89 | 0.78 | 2.05 | 1.19 | 1.44 | 5.98 |
| | 02/07/18 to 02/21/18 | 4.34 | 1.09 | 1.61 | 0.97 | 0.72 | 0.73 | 0.95 | 0.82 | 3.35 | 1.22 | 1.52 | 6.54 |
| | 02/21/18 to 03/07/18 | 2.78 | 0.91 | 0.79 | 0.73 | 0.65 | 0.77 | 0.93 | 1.07 | 5.14 | 1.59 | 2.22 | 2.85 |
| | 03/07/18 to 03/21/18 | 1.71 | 1.02 | 2.40 | 2.24 | 1.95 | 0.92 | 0.66 | 0.81 | 3.39 | 1.32 | 1.21 | 1.17 |
| | 03/21/18 to 04/04/18 | 2.17 | 0.81 | 1.87 | 2.49 | 1.08 | 0.82 | 1.07 | 1.10 | 5.02 | 1.59 | 4.30 | 1.95 |
| | 04/04/18 to 04/18/18 | 5.49 | 1.62 | 5.24 | 2.87 | 0.80 | 0.76 | 0.83 | 1.12 | 4.81 | 5.42 | 4.92 | 2.25 |
| | 04/18/18 to 05/02/18 | 2.20 | 0.87 | 1.07 | 1.15 | 0.78 | 0.76 | 1.13 | 1.24 | 6.65 | 1.53 | 2.14 | 4.12 |
| | 05/02/18 to 05/16/18 | 2.79 | 0.66 | 0.76 | 0.69 | 0.51 | 0.49 | 0.70 | 1.08 | 2.73 | 1.59 | 1.44 | 3.08 |
| | 05/16/18 to 05/30/18 | 3.42 | 0.70 | 0.64 | 0.51 | 0.46 | 0.46 | 0.74 | 0.50 | 3.67 | 1.62 | 2.51 | 2.41 |
| | 05/30/18 to 06/13/18 | 1.14 | 0.57 | 1.03 | 0.69 | 0.39 | 0.37 | 0.66 | 0.91 | 3.89 | 1.87 | 2.09 | 2.02 |
| | 06/13/18 to 06/27/18 | 1.54 | 0.65 | 1.11 | 1.03 | 0.78 | 0.63 | 0.83 | 1.35 | 5.68 | 1.64 | 3.16 | 2.52 |
| | 6/27/18 to 07/11/18 | 2.48 | 0.52 | 0.77 | 0.58 | 0.45 | 0.41 | 0.82 | 0.78 | 3.41 | 1.05 | 1.64 | 3.49 |
| | 07/11/18 to 07/25/18 | 2.00 | 0.88 | 1.06 | 0.78 | 0.60 | 0.50 | 0.65 | 0.81 | 3.00 | 1.32 | 3.37 | 5.15 |
| | 07/25/18 to 08/08/18 | 2.32 | 0.60 | 1.12 | 0.68 | 0.38 | 0.33 | 0.40 | 0.47 | 1.05 | 0.78 | 1.04 | 2.87 |
| | 08/08/18 to 08/22/18 | 1.51 | 0.86 | 1.51 | 0.91 | 0.53 | 0.46 | 0.66 | 0.61 | 1.63 | 1.07 | 2.12 | 1.96 |
| | 08/22/18 to 09/05/18 | 4.12 | 0.69 | 1.33 | 0.62 | 0.5 | 0.47 | 0.47 | 0.52 | 1.02 | 0.69 | 1.01 | 4.59 |
| | 09/05/18 to 09/19/18 | 0.95 | 0.41 | 0.44 | 0.42 | 0.44 | 0.41 | 0.56 | 0.93 | 6.16 | 4.18 | 2.01 | 1.17 |
| | 09/19/18 to 10/03/18 | 2.33 | 0.63 | 0.99 | 0.65 | 0.43 | 0.44 | 0.37 | 0.48 | 1.3 | 1.39 | 2.09 | 2.91 |
| | 10/03/18 to 10/17/18 | 2.16 | 0.63 | 1.61 | 0.89 | 0.4 | 0.43 | 0.37 | 0.58 | 2.26 | 0.63 | 1.06 | 2.94 |
| | 10/17/18 to 10/31/18 | 2.02 | 0.86 | 1.17 | 1.12 | 0.85 | 0.55 | 0.48 | 0.43 | 0.7 | 1.52 | 0.66 | 1.67 |
| | 10/31/18 to 11/14/18 | 1.64 | 0.88 | 2.05 | 1.14 | 0.68 | 0.85 | 0.59 | 0.61 | 1.43 | 1.07 | 1.98 | 2.08 |
| | 11/14/18 to 11/28/18 | 1.43 | 0.81 | 1.15 | 1.00 | 0.84 | 0.6 | 0.51 | 0.54 | 0.87 | 0.8 | 1.08 | 1.07 |
| | 11/28/18 to 12/12/18 | 2.15 | 1.12 | 1.54 | 1.15 | 0.97 | 0.83 | 0.69 | 0.68 | 0.71 | 0.76 | 1.33 | 1.83 |
| | 12/12/18 to 12/27/18 | 1.88 | 1.14 | 2.05 | 1.31 | 1.06 | 1.05 | 0.96 | 0.87 | 1.88 | 1.01 | 2.29 | 4.26 |
| | | | | | | | | | | | | | |
| | 2018 Avg. | 2.99 | 0.99 | 1.59 | 1.19 | 0.79 | 0.66 | 0.83 | 0.86 | 3.06 | 1.84 | 2.67 | 7.40 |
| | | | | | | | | | | | | | |

Note 1: On January 11, 2018 a drain line froze and cracked due to extreme weather temperatures. The incident resulted in a release of benzene. Once identified, the release was immediately isolated. The incident was reported to the Ministry of Environment and Climate Change, St. Clair Township Fire Department, Aamjiwnaang First Nation Emergency Response and the CAER Information Line. The incident location was closest to monitor 12 and elevated the sample results for the two-week reporting period.