

## MSD HAZARDOUS MATERIALS ORDINANCE RELATED INCIDENTS

2024

| DATE      | INCIDENT ID | INCIDENT COMMAND | RESPONSIBLE PARTY            | LOCATION  | ROOT CAUSE AND/OR FINDINGS   | MATERIAL  | HAZMAT LEVEL | MITIGATION EFFORTS OR RESPONSIBLE PARTY   | ENFORCEMENT ACTION            | CORRECTIVE ACTIONS  |
|-----------|-------------|------------------|------------------------------|---|--|---|--------------|---|-------------------------------|---|
| 1/15/2024 | 24ER1005    | OFD              | MVA                          | 3400 FERN VALLEY RD, LOUISVILLE KY                      | Motor Vehicle Accident   | Motor Oil / Transmission Fluid                      | 1            | Absorbent used and removed by MSD. Disposed of by approved methods.   | N/A                           | N/A   |
| 1/25/2024 | 24ER1007    | PRP FD           | Zeon                         | 4100 BELLS LN, LOUISVILLE KY                            | 55-gallon drum with water reactive chemical was exposed to rain water via roof leak resulting in fire.   | Sodium Hydrosulfite Powder                          | 1            | Fire extinguished by PRP FD. Site mitigated by Zeon.  | N/A                           | N/A   |
| 1/24/2024 | 24ER1008    | J-TOWN FD        | Kentucky Eagle, Inc          | 9123 GALENE DR, JEFFERSONTOWN KY                        | Estimated 150 gallon fuel leak from a ruptured saddle tank as a result of vehicle hitting an obstruction in parking lot.   | Diesel Fuel   | 1            | KYERT and MSD used absorbent to prevent migration of fuel. KYERT contacted remediation company.                 | N/A                           | N/A   |
| 2/2/2024  | 24ER1009    | LOU FD           | Allnex                       | 4730 CRITTENDEN DR, LOUISVILLE KY                       | Chemical leak from filter that was not completely sealed. Leaking material entered secondary containment but drain valve was stuck open. Material entered storm drain and combined sewer system. | Butyl Acetate                                       | 1            | Initial responders used absorbent. Health Dept issued clean up orders.  | NOV and Fine - Late Reporting | Update procedures for monitoring filters. Update transfer procedures. Add LEL monitor in tank wagon loading area. Review containment requirements and add if necessary. Storm Water Pollution Prevention plan and Emergency Response Handbook and Guide were updated. |
| 2/2/2024  | 24ER1010    | N/A              | Louisville Packaging Company | 7745 NATIONAL TURNPIKE LOUISVILLE KY                    | Operator error - A valve was left open during transfer of a non-hazardous material.  | Opteon 1100 - Non hazardous -No reportable quantity | 0            | Mitigated by an environmental contractor  | N/A                           | Implement verification process to eliminate operator error. Evaluate use of cover for nearby storm drain. Add to checklist.   |
| 2/4/2024  | 24ER1011    | ANC-MID FD       | ALDI                         | 10620 WESTPORT RD, LOUISVILLE KY                        | Crack in heating and ventilation copper pipe.  | Freon   | 1            | Rubber patch and clamp added  | N/A                           | Permanent replacement of damaged pipe   |
| 2/7/2024  | 24ER1013    | FC FD            | MVA                          | 5319 PRESTON HWY, LOUISVILLE KY                         | Motor Vehicle accident   | Gasoline  | 1            | Mitigated by FD   | N/A                           | N/A   |
| 2/12/2024 | 24ER1014    | PRP FD           | MISCELLANEOUS IWD INCIDENT   | 2998 WILKIE RD, LOUISVILLE KY                           | Vehicle fire   | Water from fire fighting operations                 | 0            | Water from FF operation   | N/A                           | N/A   |
| 2/12/2024 | 24ER1015    | PRP FD           | BAKELITE SYNTHETICS, INC.    | 6200 CAMP GROUND RD, LOUISVILLE KY                      | Leak from a strainer head occurred during caustic wash of tank. Sample indicates diluted solution was 6.38 percent sodium hydroxide.   | Sodium Hydroxide 10%                                | 1            | Spill mitigated by company  | N/A                           | Update Standard Operating Procedures to verify strainer is not leaking when charged. Put workorders in to assess and change out strainers. Evaluate long term engineering design to keep strainer closed and recirculate caustic solution..                           |
| 2/17/2024 | 24ER1018    | LOU FD           | JBS Swift                    | 1200 STORY AVE, LOUISVILLE KY                           | Operator mishandled pallet containing a 330-gallon tote of 20% hydrochloric acid. The tote fell off the pallet and spilled.  | Hydrochloric Acid -20%                              | 1            | Mitigated by environmental contractor   | NOV Late Reporting            | Create Standard Operating procedures for transporting chemicals. Additional safety training for dock personnel  |
| 2/17/2024 | 24ER1019    | OFD              | MVA                          | Intersection of JOYCE DR and APPLGATE LN, LOUISVILLE KY | Motor Vehicle Accident   | Gasoline  | 0            | Spill mitigated by LOU FD and MSD - Prevented fluids from impacting Municipal Separate Storm Sewer System (MS4) | N/A                           | N/A   |
| 2/18/2024 | 24ER1020    | ANC-MID FD       | MVA                          | LTI 3520 CHAMBERLAIN LN, LOUISVILLE KY                  | Motor Vehicle Accident   | Diesel Fuel   | 1            | Health Dept. issued clean up orders.  | N/A                           | N/A   |

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|-----------|-------------|------------------|--|---|---|--------------------------------|--------------|---|--|--|
| 2/19/2024 | 24ER1022    | LOU FD - KYERT   | MIDWEST ENVIRONMENTAL COMPANY                | 3601 PARKER AVENUE, LOUISVILLE KY   | Spill caused due to frozen and bursting valve because pipes were left full of liquid instead of evacuating pipe contents at end of work day. Most of initial spill was captured in secondary containment. Secondary spill occurred through a flapper covered corrugated pipe to Paddy's Run. The pipe was not fully closed due to sediment left in pipe. Standard work practices were not followed. | Oily Wastewater/Latex Emulsion | 0            | Mitigation was completed by Midwest Environmental.                | NOV Late Reporting                                   | Prepare Standard Operating Procedures (SOPs) for closing and locking of AST valves after transfer, evacuating transfer lines, closing and locking transfer lines at end of each work day. Include procedures in initial and continued training. Training will be conducted as soon as SOPs are developed |
| 2/26/2024 | 24ER1023    | ANC-MID FD       | MVA  | E&L Logistics LLC   | Motor Vehicle Accident saddle tank rupture  | Diesel Fuel                    | 0            | Fire Dept. collected fuel and used absorbent                      | N/A  | N/A  |
| 2/29/2024 | 24ER1024    | OFD              | MVA  | 6309 PRESTON HWY, LOUISVILLE KY   | Motor Vehicle Fire - possible arson   | Water from FF operations       | 0            | Water from FF operation   | N/A  | N/A  |
| 3/13/2024 | 24ER1028    | J-TOWN FD        | MVA  | 1750 WATTERSON TRAIL, JEFFERSONTOWN KY                                    | Motor Vehicle Fire - Garbage Truck  | Water from FF operations       | 0            | Water from FF operation   | N/A  | N/A  |
| 3/19/2024 | 24ER1030    | N/A              | LOUISVILLE METROPOLITAN SEWER DISTRICT (MSD) | 4828 BRENDA DR, LOUISVILLE KY (3050 COMMERCE CENTER PLACE, LOUISVILLE KY) | Failed hydraulic line   | Hydraulic Fluid                | 0            | Mitigated by MSD  | NOV - Late Reporting and possible fine - Enforcement | Follow-up actions will be determined by EMA  |
| 3/21/2024 | 24ER1031    | LOU FD - PRP FD  | MVA  | 10901 GREENEBLT HIGHWAY, LOUISVILLE, KY                                   | Motor Vehicle Accident  | Diesel Fuel and Motor Oil      | 1            | Initial mitigation by PRP FD. Health Dept. issued cleanup orders. | N/A  | N/A  |
| 3/19/2024 | 24ER1036    | LOU FD           | MVA  | 1-64 WEST, 1-264 RAMP, LOUISVILLE KY                                      | Motor Vehicle Accident  | Diesel Fuel                    | 1            | Health Dept. worked with onsite responders to mitigate site.      | N/A  | N/A  |
| 4/3/2024  | 24ER1037    | ANC-MID FD       | LOUISVILLE GAS & ELECTRIC                    | 6708 REST WAY, LOUISVILLE KY (820 W. BROADWAY, LOUISVILLE KY)             | Tornado activity caused damage to transformers causing the transformers to discharge oil onto the ground and into stormwater conveyances.   | Non-PCB Transformer Oil        | 0            | The transformer oil was mitigated by an environmental contractor. | N/A  | N/A  |
| 4/10/2024 | 24ER1040    | LOU FD           | MVA  | I-65 SOUTH, I-65 RAMP, LOUISVILLE KY                                      | Motor Vehicle Accident  | Diesel Fuel                    | 1            | Health Dept. issued cleanup orders.                               | N/A  | N/A  |
| 5/6/2024  | 24ER1049    | LOUFD            | Heaven Hill                                  | 1701 W BRECKINRIDGE ST LOUISVILLE KY                                      | Power outage due to arc flash occurrence  | Ethanol                        | 1            | Material mitigated by Heaven Hill representatives                 | N/A  | Overflow line to be installed on surge tanks. Personnel given access to control screen.  |
| 5/4/2024  | 24ER1050    | N/A              | BROWN-FORMAN CORPORATION                     | 2921 DIXIE HWY SHIVELY KY   | Improperly installed airline on valve and high level alarms for the heads & tails tank set improperly   | Ethanol                        | 0            | Material flowed to sewer  | NOV & Fine   | Level alarm was lowered to correct level. Alarm status was changed.  |
| 5/8/2024  | 24ER1051    | PRPFD            | Eckart America Corporation                   | 4101 CAMP GROUND RD LOUISVILLE KY   | Fire involving aluminum paste   | Aluminum Paste                 | 1            | Material mitigated by Eckart                                      | N/A  | N/A  |
| 5/8/2024  | 24ER1052    | ANC-MIDTFD       | MVA  | Intersection of I 265 SOUTH and I 265 RAMP                                | MVA   | Diesel Fuel                    | 1            | Material mitigated by FD  | N/A  | N/A  |
| 5/14/2024 | 24ER1053    | PRPFD            | ROHM & HAAS CHEMICALS LLC                    | 4300 CAMP GROUND RD LOUISVILLE KY   | Spill from overflow tank into secondary containment   | Methyl Methacrylate            | 1            | Material mitigated by Dow   | N/A  | High level indicators are being replaced.  |
| 5/21/2024 | 24ER1056    | ANC-MID FD       | MVA  | Intersection of I 264 EAST and I 71 RAMP                                  | MVA   | Diesel Fuel                    | 1            | Material mitigated by FD  | N/A  | N/A  |
| 5/25/2024 | 24ER1060    | LOUFD            | Evan Williams                                | 528 W MAIN ST LOUISVILLE KY   | Tank overflowed because valve was left open   | Sodium Hydroxide               | 0            | Material flowed to sewer  | NOV  | Personnel to be retrained. Engineering evaluation to be performed.   |
| 6/7/2024  | 24ER1065    | PRPFD            | Marathon                                     | 8600 CANE RUN RD LOUISVILLE KY  | Liquid asphalt spilled into containment because valve was not secured.  | Liquid Asphalt                 | 1            | Material mitigated by environmental contractor                    | N/A  | Signs placed in the load rack to ensure drivers close all valves.  |
| 6/11/2024 | 24ER1066    | J-TOWN FD        | Resident                                     | 4100 Block MIMOSA VIEW DR LOUISVILLE KY                                   | Oil in yard and staining in ditch   | Oil                            | 0            | Homeowner mitigated oil in yard and ditch                         | N/A  | Educated homeowner of rules and regulations.   |

**ABBREVIATIONS**

|              |  |
|--------------|--|
| ANC-MID FD   | ANCHORAGE/MIDDLETOWN FIRE DEPARTMENTS  |
| CSS          | COMBINED SEWER SYSTEM                  |
| EMA          | EMERGENCY MANAGEMENT AGENCY            |
| FC FD        | FERN CREEK FIRE DEPARTMENT             |
| FF           | FIRE FIGHTING                          |
| HEALTH DEPT. | HEALTH DEPARTMENT                      |
| J-TOWN FD    | JEFFERSONTOWN FIRE DEPARTMENT          |
| KYDOW        | KENTUCKY DIVISION OF WATER             |
| KYERT        | KENTUCKY EMERGENCY RESPONSE TEAM       |
| LOU FD       | LOUISVILLE FIRE DEPARTMENT             |
| MSD          | LOUISVILLE METROPOLITAN SEWER DISTRICT |
| MS4          | MUNICIPAL SEWER STORM SEWER SYSTEM     |
| MVA          | MOTOR VEHICLE ACCIDENT                 |
| N/A          | NOT APPLICABLE                         |
| NOV          | NOTICE OF VIOLATION                    |
| OFD          | OKOLONA FIRE DEPARTMENT                |
| PRP FD       | PLEASURE RIDGE FIRE DEPARTMENT         |

**INCIDENT LEVEL LEGEND**

|                         |  |
|-------------------------|--|
| <b>Level 0 Incident</b> | Incidents that may include small amounts of hazardous or non-hazardous materials. Notification and/or request to MSD will be made by the Incident Commander through available communication methods.   |
| <b>Level 1 Incident</b> | A minor situation within the capabilities of first responders. A level 1 incident involves a release, or possible release of a known hazardous material and the agency on-scene has the experience and proper equipment to mitigate.   |
| <b>Level 2 Incident</b> | An Level 2 incident should be declared by the Incident Commander if the incident involves a sufficient quantity of known hazardous material or any quantity of an unknown material that has been released or offers the potential for release. Additional levels of command and control structure should be established by the Incident Commander. |
| <b>Level 3 Incident</b> | A Level 3 incident includes any incident beyond the capabilities of the hazardous materials team and local resources. The incident may be quite lengthy in duration and may necessitate evacuation, shelter-in-place or public alerts.   |

Contact MSD IWD Department for additional information:  
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