4- TRAIN DERAILMENT – CHEMICAL SPILL THREAT ANNEX

Purpose: The purpose of this annex is to provide information on how the college will respond to train derailments and other chemical spills.

Train Derailments - The most significant threat from a train derailment is from the release of toxic chemicals being carried as cargo by the various railroad companies. This is a significant event and will be primarily handled by the local emergency response units of the political jurisdiction in which the campus is located. The most significant threat is to the Downtown Dayton campus because railroads use the tracks located directly to the south of that campus.

The emphasis of this plan will be on the college’s response to a derailment until the local emergency response units arrive. The actions of the Incident Commander will be guided by the instructions in the college’s Rapid Response Functional Annex.

Once notification is received of a train derailment that could affect any of the college’s campuses, the Emergency Management Plan shall be implemented.

1. The Sinclair Police Dispatcher will contact the dispatch center of the appropriate political jurisdiction and notify them of the derailment and request an immediate response of the appropriate response teams (i.e. Regional Hazardous Materials Response Team).
2. The Incident Commander will meet with the Facilities Director to assess whether evacuation or sheltering-in-place is appropriate after assessing wind and weather conditions. Sinclair has its own weather monitoring equipment and it can also get regional weather information from the National Weather Service (NWS) located in Wilmington, Ohio. Contact information for the NWS is available in the Sinclair Police Dispatch Unit. Depending on that decision, evacuation and/or sheltering-in-place will occur as outlined the Evacuation Functional Annex or the Sheltering-in-Place Functional Annex.
3. Communication of this decision will be made via the procedures outlined in the Communications and Notification Functional Annex.
5. Reunification will be handled consistent with the Accounting-in-Place Annex.
6. The Sinclair Police Dispatcher has current notification information for each railroad carrier who use railroad tracks in the immediate vicinity of the campus. If the Incident Commander decides to initiate contact with one of the railroad carriers, he will have the Sinclair Police Dispatcher make the notification.
7. Once local emergency management teams arrive, they will likely appoint an incident commander consistent with ICS protocol. The Dayton Regional Hazardous Materials Response Team is a NIMS Type 1 Team and will respond to Montgomery, Greene, Warren, and Preble counties thereby providing a response to all Sinclair campuses. They have the capability to detect and mitigate chemical releases and spills. They also have a limited capacity to detect and identify certain biological agents and can monitor radiological incidents. This team is located in the City of Dayton’s Fire Station #11.
8. Assumptions for dealing with these issues are outlined in the City of Dayton EOP Emergency Support Function #10 – Hazardous Materials.
Chemical Spills Not as a Result of Train Derailments – Sinclair College has comprehensive Hazardous Materials Management Guidelines. They are outlined in detail in Volume 2 of the Safety Manual. Section 1 of Volume 2 specifically covers who to call in response to a chemical emergency, roles and responsibilities, emergency response, and regulatory authority.

Rapid response, communication, evacuation, shelter-in place, and recovery actions are dictated as noted above in the section on train derailments.

For quick action steps for these hazards, the Incident Commander should follow the information outlined on pages 12-14 and pages 19-20 of the “Incident Commander Action Steps” located in Section 3 of Sinclair College’s complete Emergency Management Plan.

Events covered in this threat annex may require detailed procedures involving evacuation, accounting for all persons, communication and notification, medical care, security and recovery to follow when normal college operations are disrupted. The functional annexes that are contained in this Emergency Management Plan contain the necessary details as outlined below:

1. For details of the evacuation procedure, see the Evacuation Functional Annex of this Manual.
2. In each of the hazards listed above, after there has been sufficient time to move to appropriate shelter areas, it will be necessary to account for persons displaced from their original locations. For details of this process, see the Accounting for All Persons Functional Annex of this Manual.
3. For details of communication about this event and for notifications procedures, see the Communications and Notification Functional Annex of this Manual.
4. Should college operations be disrupted in a significant manner as a result of these events, see the Continuity of Operations Functional Annex of this Manual.
5. Procedures for handling injuries to persons are addressed in Public Health/Medical Functional Annex of this manual.
6. For details of security procedures, see the Security Functional Annex of this Manual.
7. For details of the recovery procedures necessary for these events, see the Recovery Functional Annex of this Manual.