**This AHA is provided as an example of content to consider during development of project-specific AHAs for like activities**

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| **Activity**:  Concrete pumping with pump truck following OSHA subpart Q |

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| **HAZARDS** | | |
| *JOB STEP* | *HAZARDS* | *ACTIONS TO ELIMINATE OR MINIMIZE*  *EACH HAZARD* |
| Set up pumper, mixer truck, and work area | Risk of injury to automobile, pedestrian traffic, or bystanders | A Traffic / Pedestrian Control Plan may be required when blocking or partially blocking any walkway, roadway or driveway.  Work area should be delineated from un-authorized personnel and signs posted.  All personnel must use caution when in or around pumping activities and work areas.  Minimum-required PPE worn at all times. |
| Extend boom and run pump hoses to discharge area. | Risk of accidental release into the storm water drains | Slurry, mixture or tap water shall not be allowed to reach or enter storm drains.  Storm drains that are below the work area, shall be protected.  Contain area under hopper and mixing truck to help with containment. |
| Pump concrete and clean up | Concrete exposure | Where exposure to concrete products occurs, wear impervious clothing to eliminate skin contact.  Minimum-required PPE worn at all times.  Additional PPE of face shield and long sleeve shirt shall be worn by the workers at the point of discharge.  Concrete SDS to be on site.  Respirators or dust masks may be required when dry mixing concrete products.  Respirator use in accordance with Respiratory Protection Program, including medical evaluation and fit testing. |