

## Colorado Department of Public Health and Environment

## **RISK ASSESSMENT PLANNING MATRIX INSTRUCTIONS**

- Complete the Hazard Analysis Worksheet and the Readiness Rating Worksheet and Scorecard before beginning this matrix.
- 2. Locate the All-Hazards region the facility is located in from the list on the left-hand side of the chart, and highlight the corresponding row.
- 3. Fill in the Risk Level numbers for each of the Facility-Specific Hazards using the **Hazard Analysis Worksheet**.
- 4. Fill in the numbers for the *Prevention, Preparedness, Response* and *Recovery* Capabilities using the completed **Readiness Rating Scorecard**, located in the **Readiness Rating Worksheet** (Section 1).
- 5. Determine which annexes are critical for your facility:
  - Any rating of **High Risk** (level **3**) is critical and must be included in the emergency operations plan.
  - Any rating of Medium Risk (level 2) is likely and should be included in the emergency operations plan.
  - Any rating of Low Risk (level 1) may be included at the discretion of the facility manager. <u>If in doubt, plan for the hazard!</u>
- The State of Colorado and Federal Regulations already identified the first three priorities for emergency planning. These have been filled into the chart already.
- 7. Identify the five remaining MOST CRITICAL hazards for your facility and fill them in below:

| Priority<br>One  | Priority<br>Two | Priority<br>Three | Priority<br>Four     | Priority<br>Five     | Priority Six         | Priority<br>Seven    | Priority<br>Eight    |
|------------------|-----------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Facility<br>Fire | Winter<br>Storm | Wildfire          | [Critical<br>Hazard] | [Critical<br>Hazard] | [Critical<br>Hazard] | [Critical<br>Hazard] | [Critical<br>Hazard] |

Note: These eight objectives will be consistent between forms and analysis. Facilities may include more hazards in the planning and exercising process, but these eight must **always** be present.

- 8. Construct a Hazard Annex for each of these priorities and be sure they are included in the final draft of the EOP. There will be additional tools available at <a href="https://www.healthfacilities.info">www.healthfacilities.info</a> to assist in this process.
- Determine what Readiness Ratings need improvement for your facility and form a
  plan to improve on them. There will be additional tools available at
  www.healthfacilities.info to assist in this process.

## HAZARD ANALYSIS TOOLKIT RISK ASSESSMENT PLANNING MATRIX - CONFIDENTAL

|   | ı | Haza        | ards    | Ide        | ntif      | ied i               | in tl     | he C       | Colo      | rado        | o Sta          | ate                    | EOF          | o<br>j           | <br>lealt | Fac<br>:h | cility | / Sp | ecifi<br>Ion-F | c Ha | azaı<br>th b | rds      | <b></b> _ | -7     | Prev | Readiness Rating Worksheet ention Preparedness Response Recovery |   |  |  |     |                                   |                       |             |                             |               |                       |  |  |
|---|---|-------------|---------|------------|-----------|---------------------|-----------|------------|-----------|-------------|----------------|------------------------|--------------|------------------|-----------|-----------|--------|------|----------------|------|--------------|----------|-----------|--------|------|--|---|--|--|-----|-----------------------------------|-----------------------|-------------|-----------------------------|---------------|-----------------------|--|--|
| 1 = Low Risk 2 = Medium Risk 3 = High risk U = Unknown Risk F = Federal Priority S = State Priority Region: |   | Dam Failure | Drought | Earthquake | Flood (S) | Hazardous Materials | Landslide | Subsidence | Terrorism | Tornado (F) | Transportation | Utility Disruption (S) | Wildfire (S) | Winter Storm (F) | <br>Ep    | i c       |        |      |                |      |              | <b>_</b> |           | Termin |      |  | 1 |  |  | Exe | Resource Lists Public Information | Mutual Aid Agreements | . <u></u> . | Shelter-in-Place Procedures | COOP Planning | Mutual Aid Agreements |  |  |
| No. Central   | 1 | 3           | 1       | 2          | 3         | 3                   | 3         | 1          | 3         | 3           | 3              | 3                      | 3            | 3                |           |           |        |      |                |      |              |          |           | ĺ      |      |  |   |  |  |     |                                   |                       |             |                             |               |                       |  |  |
| Northeast   | 1 | 3           | 2       | 1          | 3         | 2                   | U         | 2          | 3         | 3           | 2              | 2                      | 3            | U                |           |           |        |      |                |      |              |          |           |        |      |  |   |  |  |     |                                   |                       |             |                             |               |                       |  |  |
| Northwest   | 3 | 3           | 3       | 1          | 2         | 3                   | 3         | 2          | 3         | 2           | 3              | 3                      | 2            | 2                |           |           |        |      |                |      |              |          |           |        |      |  |   |  |  |     |                                   |                       |             |                             |               |                       |  |  |
| San Luis  | 2 | 2           | 3       | 1          | 2         | 1                   | 1         | 1          | 3         | 2           | 1              | 2                      | 2            | 2                |           |           |        |      |                |      |              |          |           |        |      |  |   |  |  |     |                                   |                       |             |                             |               |                       |  |  |
| South Central   | 2 | 2           | 2       | 2          | 2         | 3                   | 2         | 3          | 3         | 3           | 3              | 3                      | 3            | 2                |           |           |        |      |                |      |              |          |           |        |      |  |   |  |  |     |                                   |                       |             |                             |               |                       |  |  |
| South   | 1 | 1           | 3       | 1          | 2         | 2                   | 1         | 2          | 3         | 2           | 2              | 3                      | 2            | 3                |           |           |        |      |                |      |              |          |           |        |      |  |   |  |  |     |                                   |                       |             |                             |               |                       |  |  |
| Southeast   | 2 | 2           | 3       | 1          | 2         | 1                   | 1         | 2          | 3         | 1           | 1              | 2                      | 3            | 2                |           |           |        |      |                |      |              |          |           |        |      |  |   |  |  |     |                                   |                       |             |                             |               |                       |  |  |
| Southwest   | 2 | 2           | 3       | 1          | 2         | 1                   | 1         | 2          | 3         | 1           | 1              | 2                      | 3            | 2                |           |           |        |      |                |      |              |          |           |        |      |  |   |  |  |     |                                   |                       |             |                             |               |                       |  |  |
| West  | 3 | 2           | 2       | 1          | 2         | 2                   | 3         | 3          | 3         | 2           | 2              | 2                      | 3            | 2                |           |           |        |      |                |      |              |          |           |        |      |  |   |  |  |     |                                   |                       |             |                             |               |                       |  |  |



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