### Tool 3: Case by Case Zone Additional Considerations Worksheet

Note: to be filled out by the EUL with support from others in the EU, Safety, Joint Information Office and Operations for burns planned to be conducted in case-by-case areas.

|  | **Y/N** |
| --- | --- |
| **Overall Summary of Proposed Burn** | |
| Provide maps showing the location of the spill source, location of proposed burn(s), location of nearest population centers, boundary of population centers, locations of simultaneous response operations, plume forecast with 45 degree safety margin. |  |
| Potential quantity of spilled oil: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| Number of burn task forces to be deployed: \_\_\_\_\_\_\_ |  |
| Likely amount of oil that may be burned today: tomorrow:  (Assuming each burn task force burns approximately \_\_\_ - \_\_\_ gallons/day per burn) |  |
| Reason(s) *In-Situ* Burning is being considered: | |
| Remove oil to prevent spread to sensitive sites or over large area |  |
| Reduce the generation of oily wastes, especially where transportation or disposal options are limited. |  |
| Access to the site is limited by shallow water, soft substrates, thick vegetation, or the remoteness of the location |  |
| Other (specify): |  |
| **Proximity Conditions** | |
| Can burn operation be conducted concurrently with other response operations? |  |
| Do you have knowledge of at risk populations within three miles of the proposed burn area?  Describe? |  |
| Are evacuations necessary? |  |
| Comments (consider attaching a map of the proposed burned location, indicating nearest population centers): | |
| **Safety Considerations (to be filled out by Safety Officer)** | |
| Can ignition and burn be conducted in a way to prevent unintentional ignition of the spill source and at a safe distance from and response vessels? |  |
| Has the burn been isolated (e.g. by fire breaks?) Can it be? |  |
| Is there a site safety plan for the incident that specifically addresses the proposed burning operations? |  |
| Will response personnel be briefed on this plan before burning starts? |  |
| Are personnel trained and equipped with safety gear appropriate to burn operations? |  |
| Is a communication system available and working that allows communication between aircraft, vessels, and a control base? |  |
| Can the fire be extinguished and are the procedures in place for addressing this contingency? |  |
| Will oil collection at night be considered (for daylight *In-Situ* Burning operations)? |  |
| Comments (consider attaching Site Safety and Communication plans if available, describe if not available): | |
| **Timing** | |
| Can appropriate notices to mariners, aircraft, regional air authorities, tribes and other key stakeholders be issued within the proposed time? |  |
| Are the above conditions expected to remain in effect for the next 24 hours? |  |
| Are the above conditions expected to remain in effect for the next 48 hours? |  |
| Comments (consider attaching a list of stakeholders that have been notified about the potential use of *In-Situ* Burning in response to the spill and press releases or fact sheets that will be used to communicate about the use of *In-Situ* Burning): | |
| **Spill Impact Mitigation Assessment (SIMA)/Net Environmental Benefit Analysis (NEBA)** | |
| Has a resource at risk analysis for the proposed burn area been completed? |  |
| Are there sensitive species and habitats in the area that require specific considerations related to burn operations? |  |
| Have mechanical recovery efforts been deemed insufficient to adequately protect sensitive shorelines and other natural resources? |  |
| Is it expected that burn operations will reduce impacts to sensitive shorelines and other resources, without further endangering human health or wildlife in the area? |  |
| Has an Endangered Species Act Consultation been initiated? |  |
| Will an on-site survey be conducted by a natural resource specialist to identify sensitive bird concentrations or marine mammals in the proposed area before the burn operation commences? |  |
| Will on-site monitoring be conducted by a natural resource specialist during burn operations? |  |
| Is there a plan to recover the burn residue? |  |
| Have you considered the trade-offs/impacts of herders or accelerants? |  |
| Are accelerants or herders being recommended? If so, which product? |  |
| Is the proposed accelerant or herder listed on the EPA Schedule J? |  |
| Comments (consider attaching the most current ICS Form 232 developed for the incident, the ESA Consultation Form, the Safety Data Sheet(s) from the spilled product, and any details provided about mitigating factors being considered for sensitive species): | |
| **Monitoring Plan** | |
| Will a community air monitoring plan be developed and implemented prior to burn operations commencing? |  |
| Will a SMART monitoring plan be developed and implemented prior to burn operations commencing to evaluate the effectiveness? |  |
| Will air sampling be conducted in *In-Situ* Burning area? |  |
| Comments (consider attaching your Community Air Monitoring Plan, Sampling Plan, and details of your SMART monitoring application): | |
| **Additional Required Coordination with Response Partners and Stakeholders for *In-Situ* Burning Operations in Case-by-Case areas** | |
| Have local fire and police been notified? |  |
| Please list all trustees who will be consulted. (See Tool 7) |  |
| Have you consulted regional air authorities and health departments? |  |
| Is there any concerns or identified or additional considerations for at risk populations? |  |
| Will regional air authorities be provided with real time monitoring data? |  |
| What is the communication plan for sharing readings above permissible exposure limits? |  |
| Comments (list the trustees, health departments and air authorities that were consulted and any relevant feedback): | |