

# Appendix 8 - Storage Areas, Pile Sizes and Storage Times

| Combustible Material             | Storage location             | Form  | Waste Particle Size                   | Combustion Risk | Risk of spread | Maximum storage size | Normal maximum storage period | Method of separation                       | Ignition source                                        | Water flow destination                                             |
|----------------------------------|------------------------------|-------|---------------------------------------|-----------------|----------------|----------------------|-------------------------------|--------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------|
| Baled Recycled Paper / Cardboard | Recycling Plant              | Bales | Various                               | Medium          | Medium         | 2 x Bales High       | 30 Days                       | Low Volume, Fire wall between storage bays | Contamination, arson, self-combustion, friction sparks | Water run-off will lead to contained surface water drainage system |
| Wood                             | Yard                         | Loose | Various No Bulk Saw Dusts or Shavings | Medium          | Low            |                      | 5 Days                        | 40 Yard Roll on Roll of Container          | Contamination, arson, self-combustion, friction sparks | Water run-off will lead to contained surface water drainage system |
| Rags and Textiles                | Hazardous Waste Storage Unit | Loose | Various                               | High            | Low            |                      | 4 / 5 Days                    | Specific Lidded Container                  | Contamination, arson, self-combustion, friction sparks | Water run-off will lead to contained surface water drainage system |
| Plastics                         | Yard                         | Loose | Various / No bulk shavings            | Medium          | Low            |                      | 4 / 5 Days                    | 40 Yard Roll on Roll of Container          | Contamination, arson, self-combustion, friction sparks | Water run-off will lead to contained surface water drainage system |

|                                               |                                |        |         |               |        |  |         |                                                   |                                                        |                                                                    |
|-----------------------------------------------|--------------------------------|--------|---------|---------------|--------|--|---------|---------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------|
| Diesel Fuel                                   | Bunded Steel Tank              | Liquid | Liquid  | Low           | Low    |  | 90 Days | Bunded Steel Tank                                 | Arson, friction sparks                                 | N/A Waste Covered                                                  |
| Hardcore, Earth and Soil                      | Pile                           | Loose  | Various | Low           | Low    |  | 30 Days | 6 Metre Distance                                  |                                                        | Water run-off will lead to contained surface water drainage system |
| Batteries                                     | Recycling Plant                | Loose  | Various | Low           | Low    |  | 60 Days | Stored within covered HDPE battery box            | Contamination, arson, self-combustion, battery         | N/A Waste Covered                                                  |
| Damaged Batteries                             | Quarantine                     | Loose  | Various | Medium        | Low    |  | 60 Days | Stored within segregated covered HDPE battery box | Contamination, arson, self-combustion, battery         | N/A Waste Covered                                                  |
| WEEE                                          | Recycling Plant                | Loose  | Various | Low           | Low    |  | 30 Days | Fire wall between storage bays and undercover     | N/A Waste Covered                                      | N/A Waste Covered                                                  |
| Rubber, natural and synthetic including Tyres | 8 Yard Skip / No Bulk Shavings | Loose  | Various | Low           | Low    |  | 60 Days | 8 Yard Skip                                       | Contamination, arson, self-combustion, friction sparks | Water run-off will lead to contained surface water drainage system |
| Flammable Liquids                             | Hazardous Waste Storage Unit   | Liquid | Liquid  | Medium / High | Medium |  | 30 Days | Fire wall between storage bays Segregated         | Contamination, arson, self-combustion,                 | Water run-off will lead to contained                               |

|             |                      |        |         |      |     |  |         |                      |                                                                         |                                                                                |
|-------------|----------------------|--------|---------|------|-----|--|---------|----------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------|
|             |                      |        |         |      |     |  |         | and<br>undercover    | friction<br>sparks                                                      | surface water<br>drainage system                                               |
| Gas Bottles | Shed 1               | Loose  | Various | High | Low |  | 30 Days | Caged in Shed        | Contaminati<br>on, arson,<br>self-<br>combustion,<br>friction<br>sparks | Water run-off<br>will lead to<br>contained<br>surface water<br>drainage system |
| Oils        | Bunded<br>Steel Tank | Liquid | Liquid  | Low  | Low |  | 60 Days | Bunded Steel<br>Tank | Arson,<br>friction<br>sparks                                            | N/A Waste<br>Covered                                                           |