| **Checklist Item** | **Considerations/Notes** |
| --- | --- |
| * **Power Source Available and Suitable?**
 | Is there a reliable power source nearby? |
| * **Network Signal Strength Adequate?**
 | Is WiFi or cellular signal strength sufficient at the location? |
| * **Location Easily Accessible?**
 | Is the site easily accessible for installation and future maintenance? |
| * **Site Secure?**
 | Is the location reasonably secure from vandalism or theft? |
| * **Deployment Location Safe?**
 | Is the deployment safe for the public and compliant with safety regulations? |
| * **Permissions Obtained (if needed)?**
 | Have necessary permissions been obtained for deployment on public or private property? |
| * **Appropriate Distance from Pollution Sources?**
 | Is the distance from pollution sources appropriate for your monitoring objectives (general air quality vs. source-specific)? |
| * **Good Wind Exposure and Airflow?**
 | Does the location have good natural airflow, avoiding stagnant air? |
| * **Away from Trees and Vegetation?**
 | Is the location away from trees and dense vegetation to minimize interference? |
| * **Away from Reflective Surfaces?**
 | Is the location away from surfaces that radiate heat and might affect temperature readings? |
| * **Site Tested and Confirmed?**
 | Have you tested power and connectivity at the site before permanent deployment? |
| * **Site Selection Rationale Documented?**
 | Have you documented your reasons for choosing this site, including assessments of practical and environmental factors? |