Guidance for Worksheet 8 - Technical Feasibility Analysis

Opportunities identified on Worksheet 7 must be evaluated to determine if they are technically feasible to implement. This is the next obvious step for your workgroup. Worksheet 8 provides a general checklist of common issues that often arise in assessing technical feasibility. Please use the "Comments" space under each set of questions to elaborate on any of the answers given or attach another sheet.

In most cases, it will take time to conduct a meaningful technical feasibility analysis. Identify those issues on Worksheet 8 and then record any opportunity requiring further investigation on Worksheet 10.

***For opportunities that you know make technical and economic sense to implement, it is appropriate to so indicate on the bottom of Worksheet 8 and then show on Worksheet 10 in the section: Selected Opportunities and Performance Goals.***

Worksheet 8 - Technical Feasibility Analysis

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Opportunity:** | | | | | |
| Please include comments in the space provided below each set of questions. | | | | |  |
|  | **Yes** | | **No** | **Not Sure** | **Does Not Apply** |
| **Environmental Considerations** | | | | | |
| Will this option create less waste, decrease the use of toxic substances or promote recycling? |  | |  |  |  |
| Will this option shift pollutants from one environmental media to another? |  | |  |  |  |
| Will this option require any new permits? |  | |  |  |  |
| Comments: | | | | | |
| **Product and Production Considerations** | | | | | |
| Are other businesses using this option? |  | |  |  |  |
| Will this option adversely affect productivity? |  | |  |  |  |
| Will this option adversely affect product/service quality? |  | |  |  |  |
| Is your plant layout and design capable of incorporating this option? |  | |  |  |  |
| Comments: | | | | | |
| **Employee Considerations** | | | | | |
| Will this option require additional staff? |  | |  |  |  |
| Will this option improve or maintain worker health and safety? |  | |  |  |  |
| Will special employee training be required? |  | |  |  |  |
| Will worker acceptance be an issue? |  | |  |  |  |
| Comments: | | | | | |
| **Equipment Considerations** | | | | | |
| Will the vendor guarantee this option? |  | |  |  |  |
| Are materials and parts readily available? |  | |  |  |  |
| Can this option easily be serviced? |  | |  |  |  |
| Is there vendor support available for start-up, testing, training & repair? |  | |  |  |  |
| Are adequate utilities available to accommodate this option? |  | |  |  |  |
| Comments: | | | | | |
| **Result of Technical Feasibility Analysis - Check one:** | | | | | |
| Opportunity is technically feasible |  | Go to Worksheet 9 | | | |
| Opportunity is technically feasible and economically feasible and will be implemented |  | Go to Worksheet 10 | | | |
| Opportunity requires further study before selecting or rejecting |  | Go to Worksheet 10 | | | |
| Opportunity is not technically feasible. |  | Describe impediments below: | | | |
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