**Exhibit**

**P2 Project Plan (Plan)**

*(Note: Provide the information specified and delete existing text within parentheses)*

(Facility Name)

(Address)

(Telephone)

(Preparer Name/Title)

A. **Project Description**: (Summarize P2 Projects selected. Describe the processes or operations to be modified, and the specific changes to be made. Include details such as the specific equipment to be installed, materials to be substituted, and the actual changes to be made to processes or operations. Include manufacturer or vendor information, and specifications.)

B. **Environmental and Economic Benefits**: (Explain why and how each Project proposed constitutes P2.

Specify how each material, chemical, water and energy is saved, and from which processes or operations. Specify how each solid and hazardous waste, industrial wastewater and air emissions are generated, the waste type, and from which processes or operations. **Describe generally in paragraph format.**

Estimate the *annual* savings in *resources* - raw materials, chemicals, water, and energy at the process or operation front end. Estimate the *annual* reductions in *wastes* - solid and hazardouswaste, wastewater, and air emission reductions at the process or operation back end.

Figures quoted should represent weights or volumes annually, and should be equalized for production rate changes. Associated cost savings should be included. **Describe specifically using the tables provided.**

Complete the first table for each per Project individually. Add or average corresponding figures from each Project table to complete the Plan table, *for multiple Projects*.)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *(Project Name)* | | | | | | | |
| **Annual Resource Consumption Comparison** | | | | | | | |
| Item | Quantity Used (gal/lb/kwh-**specify**) | | | Purchasing Cost ($) | | | Percent (%)  Reduction |
| Before | After | Reduction | Before | After | Reduction |
| Water |  |  |  |  |  |  |  |
| Chemicals |  |  |  |  |  |  |  |
| Materials |  |  |  |  |  |  |  |
| Energy |  |  |  |  |  |  |  |
| Total Annual Cost Savings = | | | | | | | |
| **Annual Waste Generation Comparison** | | | | | | | |
| Item | Quantity Generated (gal/lb/tons-**specify**) | | | Disposal Cost ($) | | | Percent (%)  Reduction |
| Before | After | Reduction | Before | After | Reduction |
| Hazardous Waste |  |  |  |  |  |  |  |
| Industrial Wastewater |  |  |  |  |  |  |  |
| Solid Waste |  |  |  |  |  |  |  |
| Air Emissions |  |  |  |  |  |  |  |
| Total Annual Cost Savings = | | | | | | | |
| **Total Annual Avoided Cost Savings =** | | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *Summary of All P2 Projects* | | | | | | | |
| **Annual Resource Consumption Comparison** | | | | | | | |
| Item | Quantity Used (gal/lb/kwh-**specify**) | | | Purchasing Cost ($) | | | Percent (%)  Reduction |
| Before | After | Reduction | Before | After | Reduction |
| Water |  |  |  |  |  |  |  |
| Chemicals |  |  |  |  |  |  |  |
| Materials |  |  |  |  |  |  |  |
| Energy |  |  |  |  |  |  |  |
| Total Annual Cost Savings = | | | | | | | |
| **Annual Waste Generation Comparison** | | | | | | | |
| Item | Quantity Generated (gal/lb/tons-**specify**) | | | Disposal Cost ($) | | | Percent (%)  Reduction |
| Before | After | Reduction | Before | After | Reduction |
| Hazardous Waste |  |  |  |  |  |  |  |
| Industrial Wastewater |  |  |  |  |  |  |  |
| Solid Waste |  |  |  |  |  |  |  |
| Air Emissions |  |  |  |  |  |  |  |
| Total Annual Cost Savings = | | | | | | | |
| **Total Annual Avoided Cost Savings =** | | | | | | | |

C. **Project Cost**: (Include per Project the itemized, subtotal and Project total costs. A projected payback period in months or years needs to be included.

Provide a grand total cost for all Projects and an averaged projected payback period, *for multiple Projects*. **Use list or table format for all**.)

D. **Implementation Schedule:** (Provide a brief discussion of the steps necessary to implement the Projects and expected time frames for completion. A table or list format is preferred. The schedule shall include a list of milestones with dates, or timeframes based on Plan approval date, including Progress and Final Report submittals. Provide a description of any anticipated problems and options. *The implementation should take no longer than six months to complete.*)

E. **Project Reporting:**

1. Within 90 days of approval of the Project Plan, the Respondent shall submit a P2 Project Progress Report to the Department that describes the Respondent's progress in implementing the P2 Project and meeting the requirements in the Plan, and includes a list of equipment ordered, purchased, and/or installed.

2. Within 180 days of approval of the Plan, the Respondent shall submit to the Department a P2 Project Final Report that includes the following.

a. A confirmation that the information presented in Sections A-C of the Summary is unchanged, or an updated version with the sections changed appropriately. A statement that the Project(s) was/were implemented successfully. An explanation of any problems encountered and corrections applied.

b. Attached expense reports, receipts, purchasing instruments and other documents itemizing costs expended on preparing and implementing the Project.

3. The Department shall review the Final Report and determine:

a. Whether the project was properly implemented; and

b. Which expenses apply toward pollution prevention credits.

4. A $1.00 pollution prevention credit for each $1.00 spent on applicable costs will be applied against the portion of the civil penalty that can be offset.

a. The following costs are allowable to offset the allowable amount of the civil penalty:

i. Preparation of the P2 Project;

ii. Design of the P2 Project;

iii. Installation of equipment for the P2 Project;

iv. Construction of the P2 Project;

v. Testing of the P2 Project;

vi. Training of staff concerning the implementation of the P2 Project; and

vii. Capital equipment needed for the P2 Project.

b. The following costs shall not apply toward P2 credit:

i. Costs incurred in conducting a waste audit;

ii. Maintenance and operation costs involved in implementing the P2 Project;

iii. Monitoring and reporting costs;

iv. Salaries of employees who perform their job duties;

v. Costs expended to bring the facility into compliance with current law, rules and regulations;

vi. Costs associated with a P2 Project that is not implemented;

vii. Costs associated with a P2 Project that has not been approved by the Department; and

viii. Legal costs.

c. If any balance remains after the entire P2 credit is applied to the allowable portion of the civil penalty, Respondent shall pay the difference within 30 days of written notification by the Department to the Respondent that the balance is due.

5. The Department may terminate the P2 Project at any time during the development or implementation of it, if the Respondent fails to comply with the requirements in this document, act in good faith in preparing and implementing the project, or develop and implement the P2 Project in a timely manner. The Respondent may terminate the P2 Project at any time during its development or implementation.