FY22-23 P2 Grants Template 1: F

Welcome

How to Choose Among the Template Workbooks

Getting Started in the Template 1 Workbook:

Calculating Outcomes in the Facility Tabs

EPA Form 9600-047

Paperwork Reduction Act Burden Stat

This collection of information is approved
mandatory for certain persons, as specifiec
currently valid OMB control number. The p
hours per response on average for Templat
burden to the Regulatory Support Division
Do not send the completed form to this ad

acility-Level Reporting for Direct P2 Technical Assistance to Individual Facilities

This Excel file is one of two template files offered by EPA to recipients of Pollution Prevention (P2) Grants. Each file is calle
spreadsheets (worksheets) for entering your data. Using these workbooks will allow you to track and report all required ou
tabulate many of your required outputs, and update and resubmit the file for sequential annual reporting. Using these wo
easily import this information into a P2 Grants Database which helps EPA aggregate P2 grant performance information acr
will also be available to all P2 grantees so you can search and find what P2 actions are being recommended and implemen

See https://www.epa.gov/p2/grant-reporting

Choose from among the template workbooks according to the type of grant project (activity category) you are reporting o
providing P2 technical assistance recommendations to individual facilities. Template 2: For a grant project supporting a gre
leadership program or providing P2 technical assistance to broad audiences (training webinars, roundtables, etc.).NOTE: A
for each type of project. If you enter facilities from two projects in a single workbook, the workbook cannot aggregate resu

If you have a grant project providing technical P2 recommendations to individual facilities, Template 1 is the right format f

Number your grant projects with your project officer. You and your EPA grant project officer should work togeth
under your grant. The project number is the grant number preceded by a P1-, or a P2-, and so on. For exa
has two projects, one project will be P1-XYZ1234 and the other will be P2-XYZ1234. Project numbers help r

Start a new workbook file using Template 1. Enter your assigned grant project number in the Grant Project Dat
project number then auto-populated in the Facility tabs. As you go about your data entry, **PLEASE DO NOT M
FEATURES OR FUNCTIONS**. Any modification will interfere with EPA's ability to import this file into a grant rep
calculating national P2 performance measures and sharing information with P2 technical assistance provi
recommended and implemented. When you save the file, include the grant project number in the name o

Overview of workbook functionality: Use the tabs below from left to right. Full instructions appear in each tab
The Grant Project Data Tab combines data entry and an automatic list. On top is the data entry area for grant
that is an auto-generated tracking list that will pull in facility names you've entered in numbered facility ta
the correct numbered facility tabs.
The Aggregate Results Tab is an auto-calculator that aggregates results automatically from data entered in n
The Sample Facility Tab shows a facility tab filled in sufficiently to serve as an example.
The Numbered Facility Tabs are for data entry of facility-level data, one facility per numbered tab. While entry
optional, it is handy to provide one because the Grant Project Data Tab can pull it and associate it with the
This list associating numbered tabs to facility names will help you later when you need to find the correct
update the status of follow-up, implementation and results achieved. Template 1 has 75 Facility Tabs; plea
more Facility Tabs.
Data Validation This template has built-in validation to help ensure the accuracy of the data. This data valida
information is key entered; however, we recognize that you will likely populate this template using data fr
are going to be copying data into this template, please take the following precautions: • When copying da
"Paste Values" instead of "Paste." • If you need to move data within the template, use "Copy" instead of "C

EPA's P2 calculators are designed to help you measure environmental and economic outcomes from pollution prevention

For help with calculating Metric Tons of Carbon Dioxide Equivalent ($MTCO_2e$), the required reporting unit for reductions gases, please use the EPA P2 Greenhouse Gas Calculator. The calculator allows you to calculate your GHG reductions from substitution (green energy), stationary sources, mobile sources, reduced water use, reduced chemical use, chemical substi remanufacturing. The calculator will also provide associated cost savings for the first five listed above (electricity managem and mobile sources, and reduced water use).

For help with calculating cost savings, please use the P2 Cost Savings Calculator. This calculator estimates the realized from avoided fees and expenses associated with buying fewer hazardous inputs, shipping less ha fewer regulated air emissions, using less water, sending less wastewater through pre-treatment and treat fuel and energy. The cost differences of buying greener materials, fuel and energy is also calculated. User estimate prospective cost savings.

To calculate pounds of water pollution that facilities reduce, either use the facility's permit methodology or multi 8.35 to get pounds and divide by 10,000 to eliminate water content.

For help with converting gallons of hazardous materials to pounds of hazardous materials, please use the P2 Gallons

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by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2090-0038). Responses to this col
l at 42 U.S.C 13101 and 15 U.S.C.3701. An agency may not conduct or sponsor, and a person is not required to respond to, a collection
ublic reporting and recordkeeping burden for this collection of information is estimated to be approximately 20 hours per response on
te #2. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested me
Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB contr
dress.


2023

FY22-23 P2 Grants Template 1: Facility

P2 Grant Project Data

How to Use This Tab:

Grant Recipient:	
Grant Project Number:	
Grant Award Date:	
Grantee Contact Name:	
Grantee Contact Phone Number:	
Grantee Contact E-mail:	
EPA Region:	
EPA Technical Contact Name:	
EPA Technical Contact Phone Number:	
EPA Technical Contact Email:	

Facility 1:	
Facility 2:	
Facility 3:	
Facility 4:	
Facility 5:	
Facility 6:	
Facility 7:	
Facility 8:	
Facility 9:	
Facility 10:	
Facility 11:	
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Facility 74:

Facility 75:

y-Level Reporting for Direct P2 Technical Assistance to Individual Facilities

1. Fill in Rows 7 - 16. Rows 7 and 8 will be used to populate rows 7 and 8 in the Facility tabs.
2. The tracking list starting in Row 20 is automatically populated as you enter facility names in numbered
This list will help you later when you need to find the facility to return to for updating the status of follow
implementation, and results achieved.

Facility Names on Facility Tabs *(populated automatically)*

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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Tec

Aggregate of Verified Implemented Results From All Facility Tabs

How to Use This Tab:	**1.** This is a read-only tab where you facilities covered in this grant projec tabs. Informational messages on th Action Recommendations row (and **2.** You can also track the aggregate
Grant Recipient:	
Grant Project Number:	

Totals for All Facilities:

Fiscal Year	$			
	One-time Cost to Implement ($)	**Annual Savings from P2 Action** ($)	**Hazardous Material Input** (lbs)	**Hazardous Waste** (lbs)
2023	$0	$0	0	0
2024	$0	$0	0	0
2025	$0	$0	0	0
2026	$0	$0	0	0
2027	$0	$0	0	0
2028	$0	$0	0	0

Aggregate of Output Measures From All Facility Tabs

Number of business facilities provided technical assistance.

Percentage of business facilities provided technical assistance that the grantee follo email) to determine which P2 practices were implemented (should be 100%).

Percentage of business facilities that implemented at least one new P2 practice as a the grantee.

Number of business facilities with case studies describing specific P2 best practices

hnical Assistance to Individual Facilities

can track the aggregate outcome values being achieved by all
:t. A background formula pulls reported values from the Facility
e Facility tabs will remind you to select a Fiscal Year in the given P2
"Y" in Column I).
of output measures from all facilities in this grant project.

Annual Reductions			
Air Emissions (lbs)	**Water Pollution** (lbs)	**$MTCO_2e$ Emissions** (tons)	**Water Use** (gallons)
0	0	~~0~~	0
0	0	~~0~~	0
0	0	~~0~~	0
0	0	~~0~~	0
0	0	~~0~~	0
0	0	~~0~~	0

	0
ows up with (e.g., phone call, visit, letter or	0%
a result of the technical assistance provided by	0%
; implemented through the grant.	0

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr indicated as "Y" ("W actual implementa
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
ave followed up with a facility, enter in Row 20 the date(s) when you followed up
ur follow-up confirms a P2 recommendation was implemented, in Column I select
mplementation occurred). In Columns B - H, enter updated cost, savings and outc
Outcomes in the Facility Tabs." In Column L, enter "quantity" information associate
ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
nore steps of a recommendation get implemented in a second year, add a row for
ur follow-up confirms that a P2 recommendation has not yet been implemented,
ars. In Column N, if the facility has no plans to implement the recommendation ar
gulatory barrier, etc.).
be highlighted yellow if your response is different than the expected input type (
ng.

t Recipient Name
t Project Number

notive Manufacturing and Maintenance

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
Was the Recommendation Implemented at this Facility?"), the cost, annual savings and annual reduc
tion at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs.
uring technical assistance in Column A, one recommendation per row. You may, at your option,
H.
with the facility to learn which P2 recommendations it implemented.
"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
come values. For calculating $MTCO_2e$ and water pollution, see the section in the "Getting Starte
d with implementation. In Column L~~M~~, select "Y" if a case study covers this implemented action
e Results tab only if Row 20 has a follow-up date, Column I has a "Y," and Column J has a F
phase 2 steps and complete Columns B – K.
enter "N" in Column I. In Column M, enter "Y "if the facility plans to implement the recommenda
nd can tell you why, enter the barrier(s) to implementation identified by the facility (e.g., high co

e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required).- If column J is ctions must be updated based on the				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

enter initial

1 - Sept. 30
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. **Please**
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
2. Under "P2 A
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4.a. When you
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

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Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
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P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
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TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

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Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
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gulatory barrier, etc.).
be highlighted yellow if your response is different than the expected input type (
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t Recipient Name
t Project Number

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs.
uring technical assistance in Column A, one recommendation per row. You may, at your option,
H.
with the facility to learn which P2 recommendations it implemented.
"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
come values. For calculating $MTCO_2e$ and water pollution, see the section in the "Getting Starte
ed with implementation. In Column L, select "Y" if a case study covers this implemented action.
e Results tab only if Row 20 has a follow-up date, Column I has a "Y," and Column J has a F
phase 2 steps and complete Columns B – K.
enter "N" in Column I. In Column M, enter "Y "if the facility plans to implement the recommenda
nd can tell you why, enter the barrier(s) to implementation identified by the facility (e.g., high co

e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

enter initial

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
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TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
nter each P2 recommendation provided to the facility during technical assistance
s and annual reductions per recommendation in Columns B – H. 3. Once you hav
mmendations it implemented. 4.a. When your follow-up confirms a P2 recomme
al Fiscal Year (the Oct. 1 - Sept. 30 period when implementation occurred). In Colu
n in the "Getting Started" Tab on "Calculating Outcomes in the Facility Tabs." In C
his implemented action. Please note: Columns B - H values for a row will tally in t
nn J has a Fiscal Year selected. If more steps of a recommendation get implemen
a P2 recommendation has not yet been implemented, enter "N" in Column I. In C
he facility has no plans to implement the recommendation and can tell you why,
. The cell will be highlighted yellow if your response is different than the expecte
highlighting.

t Recipient Name
t Project Number

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs. 2. Under "P2 Actio
in Column A, one recommendation per row. You may, at your option, enter initial estimates of
e followed up with a facility, enter in Row 20 the date(s) when you followed up with the facility t
ndation was implemented, in Column I select "Y" (yes it was implemented at this facility) and in
umns B - H, enter updated cost, savings and outcome values. For calculating MTCO2e and water
olumn K, enter "quantity" information associated with implementation. In Column L, select "Y" if
his tab's Total rows and in the Aggregate Results tab only if Row 20 has a follow-up date, Colum
ted in a second year, add a row for phase 2 steps and complete Columns B – K. 4.b. When your
Column M, enter "Y "if the facility plans to implement the recommendation within the next 5 yea
enter the barrier(s) to implementation identified by the facility (e.g., high cost, not feasible, a re
d input type (e.g., letters instead of numbers). Delete the response and re-enter in the appropri

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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ate format

Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	What was the barrier to implementation?
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
2. Under "P2 A
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
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ur follow-up confirms a P2 recommendation was implemented, in Column I select
mplementation occurred). In Columns B - H, enter updated cost, savings and out
Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
nore steps of a recommendation get implemented in a second year, add a row for
ur follow-up confirms that a P2 recommendation has not yet been implemented,
ars. In Column N, if the facility has no plans to implement the recommendation ar
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs.
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"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
come values. For calculating $MTCO_2e$ and water pollution, see the section in the "Getting Starte
ed with implementation. In Column L, select "Y" if a case study covers this implemented action.
e Results tab only if Row 20 has a follow-up date, Column I has a "Y," and Column J has a F
phase 2 steps and complete Columns B – K.
enter "N" in Column I. In Column M, enter "Y "if the facility plans to implement the recommenda
nd can tell you why, enter the barrier(s) to implementation identified by the facility (e.g., high co

e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
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EPA Facility ID Number *(optional)*	xx
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Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

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on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
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1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
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0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
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EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
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TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

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Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
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cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
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1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
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3. Once you h
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
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EPA Facility ID Number *(optional)*	xx
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NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
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P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr indicated as "Y" ("W actual implementa
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
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TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
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TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

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s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
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1,326	**9,000,000**			
0	**0**			
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
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P2 Actions and Outcomes

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TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
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TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
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TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
nter each P2 recommendation provided to the facility during technical assistance
s and annual reductions per recommendation in Columns B – H. 3. Once you hav
mmendations it implemented. 4.a. When your follow-up confirms a P2 recomme
al Fiscal Year (the Oct. 1 - Sept. 30 period when implementation occurred). In Colu
n in the "Getting Started" Tab on "Calculating Outcomes in the Facility Tabs." In C
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nn J has a Fiscal Year selected. If more steps of a recommendation get implemen
a P2 recommendation has not yet been implemented, enter "N" in Column I. In C
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Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

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e followed up with a facility, enter in Row 20 the date(s) when you followed up with the facility t
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umns B - H, enter updated cost, savings and outcome values. For calculating MTCO2e and water
olumn K, enter "quantity" information associated with implementation. In Column L, select "Y" if
his tab's Total rows and in the Aggregate Results tab only if Row 20 has a follow-up date, Colum
ted in a second year, add a row for phase 2 steps and complete Columns B – K. 4.b. When your
Column M, enter "Y "if the facility plans to implement the recommendation within the next 5 yea
enter the barrier(s) to implementation identified by the facility (e.g., high cost, not feasible, a re
d input type (e.g., letters instead of numbers). Delete the response and re-enter in the appropri

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	What was the barrier to implementation?
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
ave followed up with a facility, enter in Row 20 the date(s) when you followed up
ur follow-up confirms a P2 recommendation was implemented, in Column I select
mplementation occurred). In Columns B - H, enter updated cost, savings and out
Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
nore steps of a recommendation get implemented in a second year, add a row for
ur follow-up confirms that a P2 recommendation has not yet been implemented,
ars. In Column N, if the facility has no plans to implement the recommendation ar
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

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with the facility to learn which P2 recommendations it implemented.
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phase 2 steps and complete Columns B – K.
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NAICS Search (website)

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
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Grant Project Number:	**Sample Gran**

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EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

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Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

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TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

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$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
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1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
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1,326	**9,000,000**			
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
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EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
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Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

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Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
ave followed up with a facility, enter in Row 20 the date(s) when you followed up
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Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
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ars. In Column N, if the facility has no plans to implement the recommendation ar
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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with the facility to learn which P2 recommendations it implemented.
"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
come values. For calculating $MTCO_2e$ and water pollution, see the section in the "Getting Starte
ed with implementation. In Column L, select "Y" if a case study covers this implemented action.
e Results tab only if Row 20 has a follow-up date, Column I has a "Y," and Column J has a F
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enter "N" in Column I. In Column M, enter "Y "if the facility plans to implement the recommenda
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on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
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$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
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1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
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1,326	**9,000,000**			
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
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NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
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cal Assistance to Individual Facilities

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nter each P2 recommendation provided to the facility during technical assistance
s and annual reductions per recommendation in Columns B – H. 3. Once you hav
mmendations it implemented. 4.a. When your follow-up confirms a P2 recomme
al Fiscal Year (the Oct. 1 - Sept. 30 period when implementation occurred). In Colu
n in the "Getting Started" Tab on "Calculating Outcomes in the Facility Tabs." In C
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nn J has a Fiscal Year selected. If more steps of a recommendation get implemen
a P2 recommendation has not yet been implemented, enter "N" in Column I. In C
he facility has no plans to implement the recommendation and can tell you why,
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$0	**0**	**0**	**0**	**0**
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in Column A, one recommendation per row. You may, at your option, enter initial estimates of
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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

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TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
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cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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phase 2 steps and complete Columns B – K.
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NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
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EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Case Study Developed (Y or leave blank)	If Not Implemented:	
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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

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Grant Project Number:	**Sample Gran**

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Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
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Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
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Case Study Developed (Y or leave blank)	If Not Implemented:	
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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

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NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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	Y	Awaiting permit amendment.

Y		
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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr indicated as "Y" ("W actual implementa
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
ave followed up with a facility, enter in Row 20 the date(s) when you followed up
ur follow-up confirms a P2 recommendation was implemented, in Column I select
mplementation occurred). In Columns B - H, enter updated cost, savings and outc
Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
nore steps of a recommendation get implemented in a second year, add a row for
ur follow-up confirms that a P2 recommendation has not yet been implemented,
ars. In Column N, if the facility has no plans to implement the recommendation ar
gulatory barrier, etc.).
be highlighted yellow if your response is different than the expected input type (
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t Project Number

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
Was the Recommendation Implemented at this Facility?"), the cost, annual savings and annual reduc
tion at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs.
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H.
with the facility to learn which P2 recommendations it implemented.
"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
come values. For calculating $MTCO_2e$ and water pollution, see the section in the "Getting Starte
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phase 2 steps and complete Columns B – K.
enter "N" in Column I. In Column M, enter "Y "if the facility plans to implement the recommenda
nd can tell you why, enter the barrier(s) to implementation identified by the facility (e.g., high co

e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required).- If column J is ctions must be updated based on the				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

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Grant Project Number:	**Sample Gran**

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Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
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Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

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Actions and Outcomes," enter each P2 recommendation provided to the facility du
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ars. In Column N, if the facility has no plans to implement the recommendation ar
gulatory barrier, etc.).
be highlighted yellow if your response is different than the expected input type (
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**

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H.
with the facility to learn which P2 recommendations it implemented.
"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
come values. For calculating $MTCO_2e$ and water pollution, see the section in the "Getting Starte
ed with implementation. In Column L, select "Y" if a case study covers this implemented action.
e Results tab only if Row 20 has a follow-up date, Column I has a "Y," and Column J has a F
phase 2 steps and complete Columns B – K.
enter "N" in Column I. In Column M, enter "Y "if the facility plans to implement the recommenda
nd can tell you why, enter the barrier(s) to implementation identified by the facility (e.g., high co

e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
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1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

enter initial

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
nter each P2 recommendation provided to the facility during technical assistance
s and annual reductions per recommendation in Columns B – H. 3. Once you hav
mmendations it implemented. 4.a. When your follow-up confirms a P2 recomme
al Fiscal Year (the Oct. 1 - Sept. 30 period when implementation occurred). In Colu
n in the "Getting Started" Tab on "Calculating Outcomes in the Facility Tabs." In C
his implemented action. Please note: Columns B - H values for a row will tally in t
nn J has a Fiscal Year selected. If more steps of a recommendation get implemen
a P2 recommendation has not yet been implemented, enter "N" in Column I. In C
he facility has no plans to implement the recommendation and can tell you why,
. The cell will be highlighted yellow if your response is different than the expecte
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
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in Column A, one recommendation per row. You may, at your option, enter initial estimates of
e followed up with a facility, enter in Row 20 the date(s) when you followed up with the facility t
ndation was implemented, in Column I select "Y" (yes it was implemented at this facility) and in
umns B - H, enter updated cost, savings and outcome values. For calculating MTCO2e and water
olumn K, enter "quantity" information associated with implementation. In Column L, select "Y" if
his tab's Total rows and in the Aggregate Results tab only if Row 20 has a follow-up date, Colum
ted in a second year, add a row for phase 2 steps and complete Columns B – K. 4.b. When your
Column M, enter "Y "if the facility plans to implement the recommendation within the next 5 yea
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d input type (e.g., letters instead of numbers). Delete the response and re-enter in the appropri

NAICS Search (website)

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$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
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0	**0**			
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	What was the barrier to implementation?
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
2. Under "P2 A
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3. Once you h
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$0	**0**	**0**	**0**	**0**
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				13,600

$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
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acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs.
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phase 2 steps and complete Columns B – K.
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NAICS Search (website)

on (not required).- If column J is ctions must be updated based on the				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Case Study Developed (Y or leave blank)	If Not Implemented:	
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1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

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Grant Project Number:	**Sample Gran**

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Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
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TOTAL IMPLEMENTED 2019	**$0**
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s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** ***Select header for help***
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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0	**0**			

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Case Study Developed (Y or leave blank)	**If Not Implemented:**	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

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S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

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Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
ave followed up with a facility, enter in Row 20 the date(s) when you followed up
ur follow-up confirms a P2 recommendation was implemented, in Column I select
mplementation occurred). In Columns B - H, enter updated cost, savings and out
Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
nore steps of a recommendation get implemented in a second year, add a row for
ur follow-up confirms that a P2 recommendation has not yet been implemented,
ars. In Column N, if the facility has no plans to implement the recommendation ar
gulatory barrier, etc.).
be highlighted yellow if your response is different than the expected input type (
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs.
uring technical assistance in Column A, one recommendation per row. You may, at your option,
H.
with the facility to learn which P2 recommendations it implemented.
"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
come values. For calculating $MTCO_2e$ and water pollution, see the section in the "Getting Starte
ed with implementation. In Column L, select "Y" if a case study covers this implemented action.
e Results tab only if Row 20 has a follow-up date, Column I has a "Y," and Column J has a F
phase 2 steps and complete Columns B – K.
enter "N" in Column I. In Column M, enter "Y "if the facility plans to implement the recommenda
nd can tell you why, enter the barrier(s) to implementation identified by the facility (e.g., high co

e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

enter initial

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
Outcomes," e
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Column N, if t
barrier, etc.).5
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
nter each P2 recommendation provided to the facility during technical assistance
s and annual reductions per recommendation in Columns B – H. 3. Once you hav
mmendations it implemented. 4.a. When your follow-up confirms a P2 recomme
al Fiscal Year (the Oct. 1 - Sept. 30 period when implementation occurred). In Colu
n in the "Getting Started" Tab on "Calculating Outcomes in the Facility Tabs." In C
his implemented action. Please note: Columns B - H values for a row will tally in t
nn J has a Fiscal Year selected. If more steps of a recommendation get implemen
a P2 recommendation has not yet been implemented, enter "N" in Column I. In C
he facility has no plans to implement the recommendation and can tell you why,
. The cell will be highlighted yellow if your response is different than the expecte
highlighting.

t Recipient Name
t Project Number

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs. 2. Under "P2 Actio
in Column A, one recommendation per row. You may, at your option, enter initial estimates of
e followed up with a facility, enter in Row 20 the date(s) when you followed up with the facility t
ndation was implemented, in Column I select "Y" (yes it was implemented at this facility) and in
umns B - H, enter updated cost, savings and outcome values. For calculating MTCO2e and water
olumn K, enter "quantity" information associated with implementation. In Column L, select "Y" if
his tab's Total rows and in the Aggregate Results tab only if Row 20 has a follow-up date, Colum
ted in a second year, add a row for phase 2 steps and complete Columns B – K. 4.b. When your
Column M, enter "Y "if the facility plans to implement the recommendation within the next 5 yea
enter the barrier(s) to implementation identified by the facility (e.g., high cost, not feasible, a re
d input type (e.g., letters instead of numbers). Delete the response and re-enter in the appropri

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	What was the barrier to implementation?
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
2. Under "P2 A
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr indicated as "Y" ("W actual implementa
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
ave followed up with a facility, enter in Row 20 the date(s) when you followed up
ur follow-up confirms a P2 recommendation was implemented, in Column I select
mplementation occurred). In Columns B - H, enter updated cost, savings and outc
Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
nore steps of a recommendation get implemented in a second year, add a row for
ur follow-up confirms that a P2 recommendation has not yet been implemented,
ars. In Column N, if the facility has no plans to implement the recommendation ar
gulatory barrier, etc.).
be highlighted yellow if your response is different than the expected input type (
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t Recipient Name
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
Was the Recommendation Implemented at this Facility?"), the cost, annual savings and annual reduc
tion at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs.
uring technical assistance in Column A, one recommendation per row. You may, at your option,
H.
with the facility to learn which P2 recommendations it implemented.
"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
come values. For calculating $MTCO_2e$ and water pollution, see the section in the "Getting Starte
ed with implementation. In Column L, select "Y" if a case study covers this implemented action.
e Results tab only if Row 20 has a follow-up date, Column I has a "Y," and Column J has a F
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nd can tell you why, enter the barrier(s) to implementation identified by the facility (e.g., high co

e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required).- If column J is ctions must be updated based on the				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

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1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
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Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

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Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
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ars. In Column N, if the facility has no plans to implement the recommendation ar
gulatory barrier, etc.).
be highlighted yellow if your response is different than the expected input type (
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

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with the facility to learn which P2 recommendations it implemented.
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come values. For calculating $MTCO_2e$ and water pollution, see the section in the "Getting Starte
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NAICS Search (website)

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		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
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1,326	**9,000,000**	1	1	1
0	**0**			
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0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
2. Under "P2 A
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4.a. When you
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Grant Recipient:	**Sample Gran**
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Facility Information (Only business facilities)	
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TOTAL IMPLEMENTED 2019	**$0**
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TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
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Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** ***Select header for help***
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
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s and annual reductions per recommendation in Columns B – H. 3. Once you hav
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al Fiscal Year (the Oct. 1 - Sept. 30 period when implementation occurred). In Colu
n in the "Getting Started" Tab on "Calculating Outcomes in the Facility Tabs." In C
his implemented action. Please note: Columns B - H values for a row will tally in t
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a P2 recommendation has not yet been implemented, enter "N" in Column I. In C
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t Project Number

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs. 2. Under "P2 Actio
in Column A, one recommendation per row. You may, at your option, enter initial estimates of
e followed up with a facility, enter in Row 20 the date(s) when you followed up with the facility t
ndation was implemented, in Column I select "Y" (yes it was implemented at this facility) and in
umns B - H, enter updated cost, savings and outcome values. For calculating MTCO2e and water
olumn K, enter "quantity" information associated with implementation. In Column L, select "Y" if
his tab's Total rows and in the Aggregate Results tab only if Row 20 has a follow-up date, Colum
ted in a second year, add a row for phase 2 steps and complete Columns B – K. 4.b. When your
Column M, enter "Y "if the facility plans to implement the recommendation within the next 5 yea
enter the barrier(s) to implementation identified by the facility (e.g., high cost, not feasible, a re
d input type (e.g., letters instead of numbers). Delete the response and re-enter in the appropri

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	What was the barrier to implementation?
	Y	Awaiting permit amendment.

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1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

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1. Under "Faci
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TOTAL IMPLEMENTED 2022	**$0**
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Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
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ur follow-up confirms a P2 recommendation was implemented, in Column I select
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Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
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S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
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"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

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Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs. 2. Under "P2 Actio
in Column A, one recommendation per row. You may, at your option, enter initial estimates of
e followed up with a facility, enter in Row 20 the date(s) when you followed up with the facility t
ndation was implemented, in Column I select "Y" (yes it was implemented at this facility) and in
umns B - H, enter updated cost, savings and outcome values. For calculating MTCO2e and water
olumn K, enter "quantity" information associated with implementation. In Column L, select "Y" if
his tab's Total rows and in the Aggregate Results tab only if Row 20 has a follow-up date, Colum
ted in a second year, add a row for phase 2 steps and complete Columns B – K. 4.b. When your
Column M, enter "Y "if the facility plans to implement the recommendation within the next 5 yea
enter the barrier(s) to implementation identified by the facility (e.g., high cost, not feasible, a re
d input type (e.g., letters instead of numbers). Delete the response and re-enter in the appropri

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	What was the barrier to implementation?
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

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ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
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ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
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ars. In Column N, if the facility has no plans to implement the recommendation ar
gulatory barrier, etc.).
be highlighted yellow if your response is different than the expected input type (
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

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Grant Project Number:	**Sample Gran**

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Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
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Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

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TOTAL IMPLEMENTED 2021	**$0**
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TOTAL IMPLEMENTED 2023	**$0**
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S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

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Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

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Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
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costs, annual savings and annual reductions per recommendation in Columns B –
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Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
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gulatory barrier, etc.).
be highlighted yellow if your response is different than the expected input type (
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

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phase 2 steps and complete Columns B – K.
enter "N" in Column I. In Column M, enter "Y "if the facility plans to implement the recommenda
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e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

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TOTAL IMPLEMENTED 2019	**$0**
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response is different than the expected input type (e.g., letters instead of numbe

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s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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phase 2 steps and complete Columns B – K. 4.b. When your follow-up confirms that a P2 recom
s to implement the recommendation within the next 5 years. In Column N, if the facility has no
dentified by the facility (e.g., high cost, not feasible, a regulatory barrier, etc.).5. The cell will be h
rs). Delete the response and re-enter in the appropriate format to remove the highlighting.

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
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0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	**If Not Implemented:**	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
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EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
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TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
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TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

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S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

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Facility Contact *(optional)*	xx
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Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
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				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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1,326	**9,000,000**	1	1	1
0	**0**			
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1,326	**9,000,000**			
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
nter each P2 recommendation provided to the facility during technical assistance
s and annual reductions per recommendation in Columns B – H. 3. Once you hav
mmendations it implemented. 4.a. When your follow-up confirms a P2 recomme
al Fiscal Year (the Oct. 1 - Sept. 30 period when implementation occurred). In Colu
n in the "Getting Started" Tab on "Calculating Outcomes in the Facility Tabs." In C
his implemented action. Please note: Columns B - H values for a row will tally in t
nn J has a Fiscal Year selected. If more steps of a recommendation get implemen
a P2 recommendation has not yet been implemented, enter "N" in Column I. In C
he facility has no plans to implement the recommendation and can tell you why,
. The cell will be highlighted yellow if your response is different than the expecte
highlighting.

t Recipient Name
t Project Number

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs. 2. Under "P2 Actio
in Column A, one recommendation per row. You may, at your option, enter initial estimates of
e followed up with a facility, enter in Row 20 the date(s) when you followed up with the facility t
ndation was implemented, in Column I select "Y" (yes it was implemented at this facility) and in
umns B - H, enter updated cost, savings and outcome values. For calculating MTCO2e and water
olumn K, enter "quantity" information associated with implementation. In Column L, select "Y" if
his tab's Total rows and in the Aggregate Results tab only if Row 20 has a follow-up date, Colum
ted in a second year, add a row for phase 2 steps and complete Columns B – K. 4.b. When your
Column M, enter "Y "if the facility plans to implement the recommendation within the next 5 yea
enter the barrier(s) to implementation identified by the facility (e.g., high cost, not feasible, a re
d input type (e.g., letters instead of numbers). Delete the response and re-enter in the appropri

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	What was the barrier to implementation?
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
ave followed up with a facility, enter in Row 20 the date(s) when you followed up
ur follow-up confirms a P2 recommendation was implemented, in Column I select
mplementation occurred). In Columns B - H, enter updated cost, savings and out
Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
nore steps of a recommendation get implemented in a second year, add a row for
ur follow-up confirms that a P2 recommendation has not yet been implemented,
ars. In Column N, if the facility has no plans to implement the recommendation ar
gulatory barrier, etc.).
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs.
uring technical assistance in Column A, one recommendation per row. You may, at your option,
H.
with the facility to learn which P2 recommendations it implemented.
"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
come values. For calculating $MTCO_2e$ and water pollution, see the section in the "Getting Starte
ed with implementation. In Column L, select "Y" if a case study covers this implemented action.
e Results tab only if Row 20 has a follow-up date, Column I has a "Y," and Column J has a F
phase 2 steps and complete Columns B – K.
enter "N" in Column I. In Column M, enter "Y "if the facility plans to implement the recommenda
nd can tell you why, enter the barrier(s) to implementation identified by the facility (e.g., high co

e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr indicated as "Y" ("W actual implementa
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
ave followed up with a facility, enter in Row 20 the date(s) when you followed up
ur follow-up confirms a P2 recommendation was implemented, in Column I select
mplementation occurred). In Columns B - H, enter updated cost, savings and outc
Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
nore steps of a recommendation get implemented in a second year, add a row for
ur follow-up confirms that a P2 recommendation has not yet been implemented,
ars. In Column N, if the facility has no plans to implement the recommendation ar
gulatory barrier, etc.).
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
Was the Recommendation Implemented at this Facility?"), the cost, annual savings and annual reduc
tion at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** ***Select header for help***
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs.
uring technical assistance in Column A, one recommendation per row. You may, at your option,
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with the facility to learn which P2 recommendations it implemented.
"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
come values. For calculating $MTCO_2e$ and water pollution, see the section in the "Getting Starte
ed with implementation. In Column L, select "Y" if a case study covers this implemented action.
e Results tab only if Row 20 has a follow-up date, Column I has a "Y," and Column J has a F
phase 2 steps and complete Columns B – K.
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nd can tell you why, enter the barrier(s) to implementation identified by the facility (e.g., high co

e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required).- If column J is ctions must be updated based on the				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
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1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
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NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
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Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
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TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
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ur follow-up confirms a P2 recommendation was implemented, in Column I select
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Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

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TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
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TOTAL IMPLEMENTED 2022	**$0**
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Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

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phase 2 steps and complete Columns B – K.
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e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
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Case Study Developed (Y or leave blank)	**If Not Implemented:**	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
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TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

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S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Case Study Developed (Y or leave blank)	If Not Implemented:	
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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

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Grant Project Number:	**Sample Gran**

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Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Case Study Developed (Y or leave blank)	If Not Implemented:	
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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

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$0	**0**	**0**	**0**	**0**
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Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

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n in the "Getting Started" Tab on "Calculating Outcomes in the Facility Tabs." In C
his implemented action. Please note: Columns B - H values for a row will tally in t
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a P2 recommendation has not yet been implemented, enter "N" in Column I. In C
he facility has no plans to implement the recommendation and can tell you why,
. The cell will be highlighted yellow if your response is different than the expecte
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cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
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NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	What was the barrier to implementation?
	Y	Awaiting permit amendment.

Y		
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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
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EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
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$0	**0**	**0**	**0**	**0**

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Case Study Developed (Y or leave blank)	If Not Implemented:	
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	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

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Facility State *(2-letter abbreviation)*	VA
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Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

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TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

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ars. In Column N, if the facility has no plans to implement the recommendation ar
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$0	**0**	**0**	**0**	**0**
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Case Study Developed (Y or leave blank)	If Not Implemented:	
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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

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1. Under "Faci
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Grant Recipient:	**Sample Gran**
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NAICS Search (website)

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		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr indicated as "Y" ("W actual implementa
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
nter each P2 recommendation provided to the facility during technical assistance
s and annual reductions per recommendation in Columns B – H. 3. Once you hav
mmendations it implemented. 4.a. When your follow-up confirms a P2 recomme
al Fiscal Year (the Oct. 1 - Sept. 30 period when implementation occurred). In Colu
n in the "Getting Started" Tab on "Calculating Outcomes in the Facility Tabs." In C
his implemented action. Please note: Columns B - H values for a row will tally in t
nn J has a Fiscal Year selected. If more steps of a recommendation get implemen
a P2 recommendation has not yet been implemented, enter "N" in Column I. In C
he facility has no plans to implement the recommendation and can tell you why,
. The cell will be highlighted yellow if your response is different than the expecte
highlighting.

t Recipient Name
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
Was the Recommendation Implemented at this Facility?"), the cost, annual savings and annual reduc
tion at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs. 2. Under "P2 Actio
in Column A, one recommendation per row. You may, at your option, enter initial estimates of
e followed up with a facility, enter in Row 20 the date(s) when you followed up with the facility t
ndation was implemented, in Column I select "Y" (yes it was implemented at this facility) and in
umns B - H, enter updated cost, savings and outcome values. For calculating MTCO2e and water
olumn K, enter "quantity" information associated with implementation. In Column L, select "Y" if
his tab's Total rows and in the Aggregate Results tab only if Row 20 has a follow-up date, Colum
ted in a second year, add a row for phase 2 steps and complete Columns B – K. 4.b. When your
Column M, enter "Y "if the facility plans to implement the recommendation within the next 5 yea
enter the barrier(s) to implementation identified by the facility (e.g., high cost, not feasible, a re
d input type (e.g., letters instead of numbers). Delete the response and re-enter in the appropri

NAICS Search (website)

on (not required).- If column J is ctions must be updated based on the				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
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$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	What was the barrier to implementation?
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

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NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

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Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

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TOTAL IMPLEMENTED 2019	**$0**
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TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
ave followed up with a facility, enter in Row 20 the date(s) when you followed up
ur follow-up confirms a P2 recommendation was implemented, in Column I select
mplementation occurred). In Columns B - H, enter updated cost, savings and out
Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
nore steps of a recommendation get implemented in a second year, add a row for
ur follow-up confirms that a P2 recommendation has not yet been implemented,
ars. In Column N, if the facility has no plans to implement the recommendation ar
gulatory barrier, etc.).
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

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H.
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phase 2 steps and complete Columns B – K.
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
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Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
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TOTAL IMPLEMENTED 2019	**$0**
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TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

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cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
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Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
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Facility Information (Only business facilities)	
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$0	**0**	**0**	**0**	**0**
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** ***Select header for help***
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs.
uring technical assistance in Column A, one recommendation per row. You may, at your option,
H.
with the facility to learn which P2 recommendations it implemented.
"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
come values. For calculating $MTCO_2e$ and water pollution, see the section in the "Getting Starte
ed with implementation. In Column L, select "Y" if a case study covers this implemented action.
e Results tab only if Row 20 has a follow-up date, Column I has a "Y," and Column J has a F
phase 2 steps and complete Columns B – K.
enter "N" in Column I. In Column M, enter "Y "if the facility plans to implement the recommenda
nd can tell you why, enter the barrier(s) to implementation identified by the facility (e.g., high co

e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
ave followed up with a facility, enter in Row 20 the date(s) when you followed up
ur follow-up confirms a P2 recommendation was implemented, in Column I select
mplementation occurred). In Columns B - H, enter updated cost, savings and out
Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
nore steps of a recommendation get implemented in a second year, add a row for
ur follow-up confirms that a P2 recommendation has not yet been implemented,
ars. In Column N, if the facility has no plans to implement the recommendation ar
gulatory barrier, etc.).
be highlighted yellow if your response is different than the expected input type (
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t Project Number

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

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H.
with the facility to learn which P2 recommendations it implemented.
"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
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phase 2 steps and complete Columns B – K.
enter "N" in Column I. In Column M, enter "Y "if the facility plans to implement the recommenda
nd can tell you why, enter the barrier(s) to implementation identified by the facility (e.g., high co

e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
Outcomes," e
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
nter each P2 recommendation provided to the facility during technical assistance
s and annual reductions per recommendation in Columns B – H. 3. Once you hav
mmendations it implemented. 4.a. When your follow-up confirms a P2 recomme
al Fiscal Year (the Oct. 1 - Sept. 30 period when implementation occurred). In Colu
n in the "Getting Started" Tab on "Calculating Outcomes in the Facility Tabs." In C
his implemented action. Please note: Columns B - H values for a row will tally in t
nn J has a Fiscal Year selected. If more steps of a recommendation get implemen
a P2 recommendation has not yet been implemented, enter "N" in Column I. In C
he facility has no plans to implement the recommendation and can tell you why,
. The cell will be highlighted yellow if your response is different than the expecte
highlighting.

t Recipient Name
t Project Number

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs. 2. Under "P2 Actio
in Column A, one recommendation per row. You may, at your option, enter initial estimates of
e followed up with a facility, enter in Row 20 the date(s) when you followed up with the facility t
ndation was implemented, in Column I select "Y" (yes it was implemented at this facility) and in
umns B - H, enter updated cost, savings and outcome values. For calculating MTCO2e and water
olumn K, enter "quantity" information associated with implementation. In Column L, select "Y" if
his tab's Total rows and in the Aggregate Results tab only if Row 20 has a follow-up date, Colum
ted in a second year, add a row for phase 2 steps and complete Columns B – K. 4.b. When your
Column M, enter "Y "if the facility plans to implement the recommendation within the next 5 yea
enter the barrier(s) to implementation identified by the facility (e.g., high cost, not feasible, a re
d input type (e.g., letters instead of numbers). Delete the response and re-enter in the appropri

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	What was the barrier to implementation?
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
ave followed up with a facility, enter in Row 20 the date(s) when you followed up
ur follow-up confirms a P2 recommendation was implemented, in Column I select
mplementation occurred). In Columns B - H, enter updated cost, savings and out
Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
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cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** ***Select header for help***
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

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"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
come values. For calculating $MTCO_2e$ and water pollution, see the section in the "Getting Starte
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e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
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$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
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1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
2. Under "P2 A
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3. Once you h
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
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Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
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TOTAL IMPLEMENTED 2022	**$0**
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				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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1,326	**9,000,000**			
0	**0**			
0	**0**			

enter initial

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Please
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

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Grant Recipient:	**Sample Gran**
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Facility Information (Only business facilities)	
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EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
ave followed up with a facility, enter in Row 20 the date(s) when you followed up
ur follow-up confirms a P2 recommendation was implemented, in Column I select
mplementation occurred). In Columns B - H, enter updated cost, savings and out
Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
nore steps of a recommendation get implemented in a second year, add a row for
ur follow-up confirms that a P2 recommendation has not yet been implemented,
ars. In Column N, if the facility has no plans to implement the recommendation ar
gulatory barrier, etc.).
be highlighted yellow if your response is different than the expected input type (
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t Project Number

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs.
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H.
with the facility to learn which P2 recommendations it implemented.
"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
come values. For calculating $MTCO_2e$ and water pollution, see the section in the "Getting Starte
ed with implementation. In Column L, select "Y" if a case study covers this implemented action.
e Results tab only if Row 20 has a follow-up date, Column I has a "Y," and Column J has a F
phase 2 steps and complete Columns B – K.
enter "N" in Column I. In Column M, enter "Y "if the facility plans to implement the recommenda
nd can tell you why, enter the barrier(s) to implementation identified by the facility (e.g., high co

e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

enter initial

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
ave followed up with a facility, enter in Row 20 the date(s) when you followed up
ur follow-up confirms a P2 recommendation was implemented, in Column I select
mplementation occurred). In Columns B - H, enter updated cost, savings and out
Outcomes in the Facility Tabs." In Column K, enter "quantity" information associate
ns B - H values for a row will tally in this tab's Total rows and in the Aggregat
nore steps of a recommendation get implemented in a second year, add a row for
ur follow-up confirms that a P2 recommendation has not yet been implemented,
ars. In Column N, if the facility has no plans to implement the recommendation ar
gulatory barrier, etc.).
be highlighted yellow if your response is different than the expected input type (
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

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enter "N" in Column I. In Column M, enter "Y "if the facility plans to implement the recommenda
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e.g., letters instead of numbers). Delete the response and re-enter in the appropriate format to

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

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1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

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Actions and Outcomes," enter each P2 recommendation provided to the facility du
costs, annual savings and annual reductions per recommendation in Columns B –
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be highlighted yellow if your response is different than the expected input type (
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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

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"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
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phase 2 steps and complete Columns B – K.
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NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
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1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
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1,326	**9,000,000**			
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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

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FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
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Facility Contact *(optional)*	xx
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Facility State *(2-letter abbreviation)*	VA
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NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
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P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
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TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

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l implementation at the facility.

S	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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"Y" (yes it was implemented at this facility) and in Column J select a federal Fiscal Year (the Oct.
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e Results tab only if Row 20 has a follow-up date, Column I has a "Y," and Column J has a F
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NAICS Search (website)

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$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
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0	**0**			
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1,326	**9,000,000**			
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0	**0**			

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Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	**What was the barrier to implementation?**
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

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Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
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NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

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Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
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TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
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TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
nter each P2 recommendation provided to the facility during technical assistance
s and annual reductions per recommendation in Columns B – H. 3. Once you hav
mmendations it implemented. 4.a. When your follow-up confirms a P2 recomme
al Fiscal Year (the Oct. 1 - Sept. 30 period when implementation occurred). In Colu
n in the "Getting Started" Tab on "Calculating Outcomes in the Facility Tabs." In C
his implemented action. Please note: Columns B - H values for a row will tally in t
nn J has a Fiscal Year selected. If more steps of a recommendation get implemen
a P2 recommendation has not yet been implemented, enter "N" in Column I. In C
he facility has no plans to implement the recommendation and can tell you why,
. The cell will be highlighted yellow if your response is different than the expecte
highlighting.

t Recipient Name
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l implementation at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

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in Column A, one recommendation per row. You may, at your option, enter initial estimates of
e followed up with a facility, enter in Row 20 the date(s) when you followed up with the facility t
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umns B - H, enter updated cost, savings and outcome values. For calculating MTCO2e and water
olumn K, enter "quantity" information associated with implementation. In Column L, select "Y" if
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Column M, enter "Y "if the facility plans to implement the recommendation within the next 5 yea
enter the barrier(s) to implementation identified by the facility (e.g., high cost, not feasible, a re
d input type (e.g., letters instead of numbers). Delete the response and re-enter in the appropri

NAICS Search (website)

on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
		Was the Recommendation Implemented at This Facility?		
$MTCO_2e$ Emissions (metric tons)	**Water Use (gal.)**	**Y or N**	**If yes, fiscal year implemented (Oct. 1 - Sept. 30)**	**Comments**
	9,000,000	Y	2022	Washer optimization completed.
		N		Estimated for VOCs.

1,326		Y	2022	installed 1.2-megwatt solar array.
1,326	**9,000,000**	1	1	1
0	**0**			
0	**0**			
0	**0**			
1,326	**9,000,000**			
0	**0**			
0	**0**			

ns and
costs,
o learn
Column J
pollution,
a case
n I has a
follow-up
rs. In
gulatory
ate format

Case Study Developed (Y or leave blank)	If Not Implemented:	
	Plan to within 5 years? (Y or N)	What was the barrier to implementation?
	Y	Awaiting permit amendment.

Y		
1	#REF!	#REF!

FY22-23 P2 Grants Template 1: Facility-Level Reporting for Direct P2 Techni

FACILITY 1

How to Use this Tab:

1. Under "Faci
Outcomes," e
annual saving
which P2 reco
select a federa
see the sectio
study covers t
"Y," and Colur
confirms that
Column N, if t
barrier, etc.).5
to remove the

Grant Recipient:	**Sample Gran**
Grant Project Number:	**Sample Gran**

Facility Information (Only business facilities)	
ity Name *(optional) Need some kind of facility description even if generic*	xx
EPA Facility ID Number *(optional)*	xx
Facility Contact *(optional)*	xx
Facility City *(optional)*	xx
Facility State *(2-letter abbreviation)*	VA
EPA Region *(based on Facility State)*	Region 3
Facility NAICS Code *(3 to 6 digits)*	123456
NEA for this Facility *(use drop-down)*	NEA 3 – Autor
Date P2 Recommendations Provided to Facility *(mm/dd/yyyy)*	1/31/2022
Date(s) of Follow-up *(mm/dd/yyyy)*	3/1/2022

P2 Actions and Outcomes

List each P2 recommendation provided to the facility on a separate line. Include the what, the how, and "quantity" information if that is needed to calculate cost, savings and annual reductions, e.g., # LEDs, # solar panels.	- You may enter pr - If column J is indic based on the actua
Recommended P2 Actions	**$** **One-time Cost to Implement ($)**
Ex. Reduce water use for cleaning (in coating dept.) by using LVHP spray nozzles and worker training.	
Ex. Reduce paint and solvent use, and thus reduce VOC emissions to water, by installing electrostatic painting equip. & using infrared curing.	

Ex. Install solar array.	
TOTAL IMPLEMENTED	**$0**
TOTAL IMPLEMENTED 2019	**$0**
TOTAL IMPLEMENTED 2020	**$0**
TOTAL IMPLEMENTED 2021	**$0**
TOTAL IMPLEMENTED 2022	**$0**
TOTAL IMPLEMENTED 2023	**$0**
TOTAL IMPLEMENTED 2024	**$0**

cal Assistance to Individual Facilities

ility Information," enter data in rows 11-21. On Row 12: Enter any EPA program F
nter each P2 recommendation provided to the facility during technical assistance
s and annual reductions per recommendation in Columns B – H. 3. Once you hav
mmendations it implemented. 4.a. When your follow-up confirms a P2 recomme
al Fiscal Year (the Oct. 1 - Sept. 30 period when implementation occurred). In Colu
n in the "Getting Started" Tab on "Calculating Outcomes in the Facility Tabs." In C
his implemented action. Please note: Columns B - H values for a row will tally in t
nn J has a Fiscal Year selected. If more steps of a recommendation get implemen
a P2 recommendation has not yet been implemented, enter "N" in Column I. In C
he facility has no plans to implement the recommendation and can tell you why,
. The cell will be highlighted yellow if your response is different than the expecte
highlighting.

t Recipient Name
t Project Number

notive Manufacturing and Maintenance

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Acti
cated as "Y" ("Was the Recommendation Implemented at this Facility?"), the cost, annual savings an
l implementation at the facility.

s	Annual Reductions			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous Waste (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs)** Select header for help
				13,600

$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

acility ID or look up the EPA Registry (facility) ID on https://www.epa.gov/frs. 2. Under "P2 Actio
in Column A, one recommendation per row. You may, at your option, enter initial estimates of
e followed up with a facility, enter in Row 20 the date(s) when you followed up with the facility t
ndation was implemented, in Column I select "Y" (yes it was implemented at this facility) and in
umns B - H, enter updated cost, savings and outcome values. For calculating MTCO2e and water
olumn K, enter "quantity" information associated with implementation. In Column L, select "Y" if
his tab's Total rows and in the Aggregate Results tab only if Row 20 has a follow-up date, Colum
ted in a second year, add a row for phase 2 steps and complete Columns B – K. 4.b. When your
Column M, enter "Y "if the facility plans to implement the recommendation within the next 5 yea
enter the barrier(s) to implementation identified by the facility (e.g., high cost, not feasible, a re
d input type (e.g., letters instead of numbers). Delete the response and re-enter in the appropri

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on (not required). d annual reductions must be updated				Include updated "quantity" information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions.
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1	#REF!	#REF!