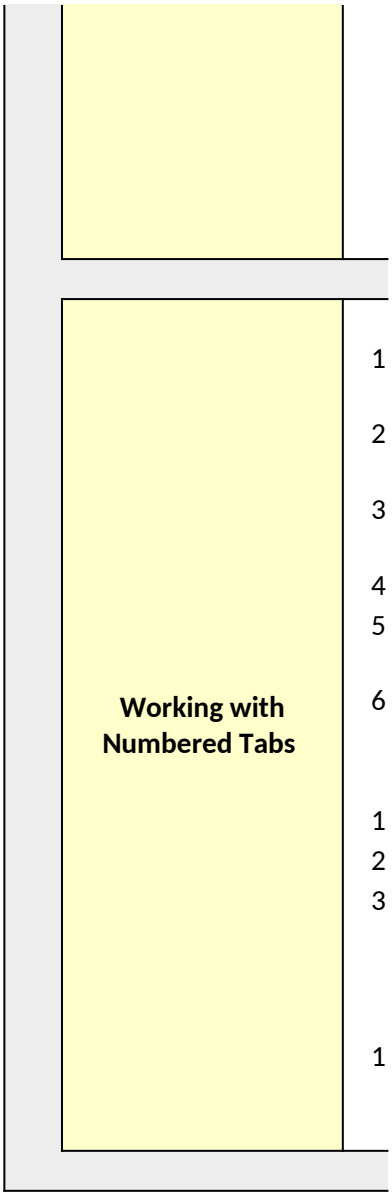
P2 IIJA Communities G

Welcome

Getting Started

Calculating Outcomes in the Numbered Tabs



EPA Form 9600-055

Paperwork Reduction Act N

This collection of information
persons, as specified at 42 U.S
reporting and recordkeeping b
and any suggested methods fo
number in any correspondenc

rant Reporting Template (This will also be the P2 Grant Reporting Template)

Using this workbook will allow you to track all required reporting and outcome elements, automatically tabulate many of y
annual reporting. Using this workbook will also allow EPA to easily import this information into its P2 Grants Database, wh
country. EPA is planning to make the P2 Grants database widely available through a searchable public website, which will a
P2 practices and implemented P2 actions. By using this standardized workbook to report your results, you are helping to e
consistent data about P2 practices, which may allow others to replicate your successes. So, thanks!
Learn more at https://www.epa.gov/p2/grant-reporting

Use the tabs below from left to right. Full instructions appear on each tab:

1. The **Grant Project Data** tab combines data entry and an automatic list. On top is the data entry area for gr
generated tracking list that will pull in business establishment names you've entered in the numbered bus

2. The **Results Summary** tab automatically aggregates results from data entered in the Partners tab, Outreac
establishment tabs.

3. The **Partners** tab is optional and provides a place to enter information about partners who helped streng
businesses in communities.

4. The **Outreach Activities** tab is for capturing information about outreach activities, including training, webi

5. The **Sample Business Establishment** tab serves as an example of how to sufficiently enter project data on th

6. The **numbered** tabs are for data entry of business establishment-level data, one business establishment p
establishment name is optional, it is beneficial to do so because the Grant Project Data tab displays the na
which will help you later when you need to find the correct tab for updating the status of follow-up, imple
establishment. This template has 75 numbered tabs for business establishments; please use a new file if y

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
Greenhouse Gas Calculator. The calculator allows you to calculate your GHG reductions from electricity management, ene
sources, reduced water use, reduced chemical use, chemical substitution, and solvent remanufacturing. The calculator wil
above (electricity management, green energy, stationary and mobile sources, and reduced water use).

For help with calculating cost savings, please use the P2 Cost Savings Calculator. This calculator allows you to calculate th
expenses from buying fewer hazardous inputs, shipping less hazardous waste, emitting fewer regulated air emissions, usin
and treatment works, or buying less fuel or energy. It also allows you to calculate the cost differences of buying greener m
prospective cost savings.

For help with calculating reductions in hazardous substances, pollutants, and contaminants, please use the P2 Calculator Contaminants. This calculator has been expanded to cover all categories of pollutant and release reductions that EPA track used, hazardous wastes, air emissions, water pollutants, and those achieved through solvent remanufacturing. To calculate reduce, either use the business establishment's permit methodology or multiply wastewater gallons by 8.35 to get pounds calculator also provides fluid hazardous material densities for gallon-to-pound conversions.

When your follow-up confirms a P2 recommendation was implemented...

In Column J of the numbered business establishment tab, enter "Y" (indicating, yes, that it was implemented at this busine implementation.

In Columns C - I, enter updated cost, savings and outcome values. For calculating MTCO2e, cost savings, and reductions in section above on "Calculating Outcomes in the Numbered Tabs."

In Column N, enter quantity information associated with implementation and the unit used for energy (new) MTCO2e con

In Column Q, select "Y" if a case study covers this implemented action.

Please note: Columns C - I values for a row will tally in a tab's Total row and in the Results Summary tab only if row 20 has date implemented.

If more steps of a recommendation get implemented in a second year, add phase 2 steps in a separate row and complete

When your follow-up confirms that a P2 recommendation has NOT yet been implemented...

Enter "N" in column J.

In Column O, enter "Y" if the business establishment plans to implement the recommendation within the next 5 years.

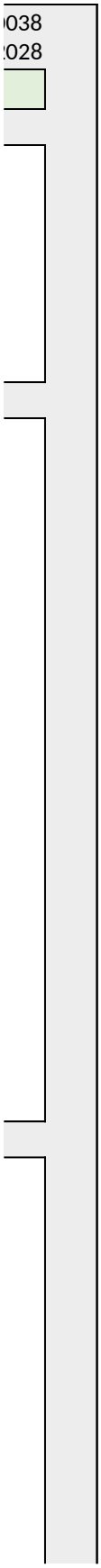
In Column P, if the business establishment has no plans to implement the recommendation and can tell you why, enter the establishment (e.g., high cost, not feasible, a regulatory barrier, etc.).

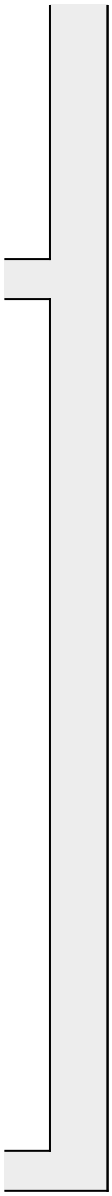
When cells are highlighted yellow...

On the numbered business establishment tabs, a cell will be highlighted yellow if your response is different than the expec your response in the appropriate format to remove the highlighting.

Burden Statement

n is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2090-0038). Resp .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 of informa urden for this collection of information is estimated to be approximately 20 hours per response. Send comments on the Agency's nee or minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pen e. Do not send the completed form to this address.


038
028



10/2023

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P2 IIJA Communities Grant Reporting Te

How to Use This Tab:

Grant Recipient:	
Grant Project Number:	
Grant Award Date:	
Grantee Contact Name:	
Grantee Contact Phone Number:	
Grantee Contact E-mail:	
Grantee State/Tribe:	

Business Establishment 1:
Business Establishment 2:
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Business Establishment 75:

emplate (This will also be the P2 Grant Reporting Template)

1. Enter Grant/Grantee information in the top section. The Recipient and Project Number information wi
in this workbook.
2. The Business Establishments in the bottom section will be populated automatically as you fill out the r
This list will help you later to find business establishments when updating the status of follow-up, implen

Business Establishment Names on Numbered Tabs *(populated autom*

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P2 IIJA Communities Grant Reporting Template (This will also be the P2 Grant

Aggregate of Verified Implemented Results for All Business Establish

How to Use This Tab:	This **read-only** tab summarizes the aggregate outcom the other tabs in this workbook.

Grant Recipient:	
Grant Project Number:	

Federal Fiscal Year (Oct. - Sep)	Cost & Savings			
	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 for All Business Establishments

Number of partner organizations.

Number of outreach activities and informational materials that widely share P2 practic

Number of business establishments reached through outreach activities and informat

Number of business establishments provided technical assistance.

Percentage of business establishments provided technical assistance that the grantee to determine which P2 practices were implemented.

Percentage of business establishments that implemented at least one new P2 practice

Number of case studies describing specific P2 best practices implemented through the

t Reporting Template)

ıments

nes being achieved in this grant project using information entered on

Annual Reductions				
Air Emissions (lbs)	**Water Pollution** (lbs)	**Water Use** (gal.)	**GHG Emissions** (MTCO2e)	**Total lbs** *Select header for details.*
0	0	0	0	0
0	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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ces.	0
ional materials.	0
	0
followed up with (should be 100%) by phone call, visit, letter or email)	0%
as a result of the technical assistance provided by the grantee.	0%
e grant.	0

P2 IIJA Communities Grant Reporting Template (This will also b

How to Use this Tab:

Grant Recipient:	
Grant Project Number:	

	Name of Partner Organization/Entity *(Optional)*
	(Ex: Northeast Metal Finishers Association)
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e the P2 Grant Reporting T

This tab is optional. Enter ir
communities. The number o

Organization Type *(Optional. Use dropdown)*
Trade Association



emplate)

nformation about the partners who helped strengthen your ability to provid
f partners you entered will be captured automatically on the “Results Summ

Partnership Description *(Optional)*
NMFA provided details about the companies they represent & distributed materials created under this grant.



le P2 technical assistance to businesses in
ıary" tab.

Point of Contact Name *(Optional)*	**Point of Contact Email** *(Optional)*	**Point of Contact Phone** *(Optional)*
John Doe	*john.doe@nmfa.org*	*(212) 555-1212*

P2 IIJA Communities Grant Reporting Template (This will also b

How to Use this Tab:

Grant Recipient:	
Grant Project Number:	

	Outreach Activity Name
	(Ex: Part Cleaning Training 101)
	(Ex: Reduce Drag Out Webinar)
	(Ex: Outreach Drag Out Video Series for Social Media)
	(Ex: Metal Finishing Shops Shine with P2 factsheet)
	(Ex: Demonstration of Water-Based Industrial Cleaner)
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e the P2 Grant Reporting Template)

Use this tab to report on outreach activities, inclu
1. List the title of each activity and identify the ty
2. Enter the date of the event, if applicable. Inclu
3. Provide information on the topics covered anc
4. If applicable, include a link to online content o
The five sample records may be used as a guide.

Activity Type *(use dropdown provided)*	**Activity Date** *(if applicable)*
Training	*9/1/2022*
Webinar	*9/7/2022*
Video	*12/4/2022*
Outreach Document	*n/a*
Outreach Demonstration	*11/17/2022*

ding training, webinars, videos, or other outreach.
pe of activity using the dropdown provided.
de just the first day for multi-day events.
l number of business establishments in attendance/reached.
r attach the content created to the report submission.

Informative Description of Activity and Topics Covered	# of Business Establishments in Attendance / Reached
Recruited metal finishing representatives from facilities across Iowa to participate in a one-hour introductory training on alternative chemicals and products for various working applications	*12*
Designed and hosted a one-hour webinar and marketed it to metal finishing line workers, supervisors, and process engineers. Topics covered included: timing drag out, tank design, use of extra rinse tanks, adding counterflow, and tank cover options.	*40*
Interns worked with grantees that had implemented successful projects in the past to develop short video testimonials designed for sharing on social media including YouTube, Facebook, Instagram, and TikTok. Reach is tracked by views.	*4,000*
Updated existing fact sheet to include financial, environmental, and health and safety benefits associated with improved metal finishing procedures. Includes recent success stories and testimonials from business owners in Iowa.	*1,000*
Demonstration of feasible water-based alternative to perchloroethylene for parts cleaning system at FineTune Metal Works facility	*15*

Materials Developed If online content was developed, provide a link for EPA to view, download and share. Otherwise, include attachments with your report submission and supply the file name(s) here or a description of file(s).
http://SampleRecipient.com/trainingslides
http://SampleRecipient.com/webinarvideo
http://youtube.com/watch?v=4T1XMuoQnKo
http://SampleRecipient.com/factsheet
Demonstration agenda attached

P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

ess Establishment Information in rows 11-18, noting that rows 12-14 are optional.
ingful proxy so that you will be able to find it when entering follow-up information.
ctions and Outcomes, enter each P2 recommendation provided as part of the techr

ave followed up with the business establishment to learn which P2 recommendatic
follow-up confirms a P2 recommendation was implemented, enter "Y" in Column J
olementation at the business establishment. (Important: The values in columns C - I
e, Column J has a "Y", and Column K has an implementation date selected.)
, enter implementation details in column M. See "Working with Numbered Tabs" o
, cells will be highlighted yellow if your response is different than the expected inpu
nove the highlighting.

n in the two cells below is populated automatically from Grant Project Data tab.	
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asting into merged cells below, click this header for help text.
al Works
2
Out Webinar

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

For the Business Establishment Name, if you do not wish to disclose the actual name,

nical assistance. You may enter initial estimates of costs, annual savings and annual

ons it has implemented, enter in row 20 the date(s) of follow up.
and select a date implemented in Column K. Update any preliminary estimates based on
will tally in this tab's Total rows and in the Results Summary tab only if row 20 has a

n the "Getting Started" tab for more details.
ut type (e.g., letters instead of numbers). Re-enter the information in the appropriate

(not required).
ust be updated based on the actual

unities

Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
The facility purchased an air compressor and installed it between the cutting and cleaning phases on the parts conveyor belt. Metal particles are now blown off of the parts and collected in a bin below the belt for recycling as they move towards the cleaning bath.

Roller brush installed at the exit of the phase 1 cleaning tank to brush solvent back into the tank - reducing solvent waste and extending the life of the rinse tank.

Description of Funding Mechanism (optional). EPA is exploring ways to facilitate access to
Loan obtained from the Iowa Economic Development Targeted Small Business loan program.

Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

2023
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2025
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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

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Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

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Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
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$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

For the Business Establishment Name, if you do not wish to disclose the actual name,

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unities

Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
The facility purchased an air compressor and installed it between the cutting and cleaning phases on the parts conveyor belt. Metal particles are now blown off of the parts and collected in a bin below the belt for recycling as they move towards the cleaning bath.

Roller brush installed at the exit of the phase 1 cleaning tank to brush solvent back into the tank - reducing solvent waste and extending the life of the rinse tank.

Description of Funding Mechanism (optional). EPA is exploring ways to facilitate access to
Loan obtained from the Iowa Economic Development Targeted Small Business loan program.

Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**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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and select a date implemented in Column K. Update any preliminary estimates based on
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ut type (e.g., letters instead of numbers). Re-enter the information in the appropriate

(not required).
ust be updated based on the actual

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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

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Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
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Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

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3	Test water-based cleaners	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

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Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
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Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
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P2 Actions and Outcomes	
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	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
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3	Test water-based cleaners	
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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Out Webinar

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Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
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$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
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Firm’s capital improvement budget

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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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Out Webinar

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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unities

Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Description of Funding Mechanism (optional). EPA is exploring ways to facilitate access to
Loan obtained from the Iowa Economic Development Targeted Small Business loan program.

Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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$85,000	**7,300**	**7,300**	**300**	**2,000**
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$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
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Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

ess Establishment Information in rows 11-18, noting that rows 12-14 are optional.
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Out Webinar

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

For the Business Establishment Name, if you do not wish to disclose the actual name,

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and select a date implemented in Column K. Update any preliminary estimates based on
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ut type (e.g., letters instead of numbers). Re-enter the information in the appropriate

(not required).
ust be updated based on the actual

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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Description of Funding Mechanism (optional). EPA is exploring ways to facilitate access to
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
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	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
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Out Webinar

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$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

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Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
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Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
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$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

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		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Grant Recipient:	**Sample Recip**
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
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		N		
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	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
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	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

ess Establishment Information in rows 11-18, noting that rows 12-14 are optional.
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Out Webinar

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
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the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**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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ust be updated based on the actual

unities

Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
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Scroll right to see all columns (cols. B through S) -->	**Cost & S**

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	TOTAL IMPLEMENTED	**$20,000**
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	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
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$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
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0	**0**			
0	**0**			

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		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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$85,000	**7,300**	**7,300**	**300**	**2,000**
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
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Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

For the Business Establishment Name, if you do not wish to disclose the actual name,

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(not required).
ust be updated based on the actual

unities

Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
The facility purchased an air compressor and installed it between the cutting and cleaning phases on the parts conveyor belt. Metal particles are now blown off of the parts and collected in a bin below the belt for recycling as they move towards the cleaning bath.

Roller brush installed at the exit of the phase 1 cleaning tank to brush solvent back into the tank - reducing solvent waste and extending the life of the rinse tank.

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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
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Firm’s capital improvement budget

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		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
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$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
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P2 Actions and Outcomes	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
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Savings	Annual Reductions Targeting Commu			
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
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(not required).
ust be updated based on the actual

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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
The facility purchased an air compressor and installed it between the cutting and cleaning phases on the parts conveyor belt. Metal particles are now blown off of the parts and collected in a bin below the belt for recycling as they move towards the cleaning bath.

Roller brush installed at the exit of the phase 1 cleaning tank to brush solvent back into the tank - reducing solvent waste and extending the life of the rinse tank.

Description of Funding Mechanism (optional). EPA is exploring ways to facilitate access to
Loan obtained from the Iowa Economic Development Targeted Small Business loan program.

Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

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Out Webinar

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

For the Business Establishment Name, if you do not wish to disclose the actual name,

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and select a date implemented in Column K. Update any preliminary estimates based on
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ut type (e.g., letters instead of numbers). Re-enter the information in the appropriate

(not required).
ust be updated based on the actual

unities

Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
The facility purchased an air compressor and installed it between the cutting and cleaning phases on the parts conveyor belt. Metal particles are now blown off of the parts and collected in a bin below the belt for recycling as they move towards the cleaning bath.

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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

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Business Establishment City and State *(optional)*	Rivercity, IA
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Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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Out Webinar

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the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**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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ust be updated based on the actual

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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
The facility purchased an air compressor and installed it between the cutting and cleaning phases on the parts conveyor belt. Metal particles are now blown off of the parts and collected in a bin below the belt for recycling as they move towards the cleaning bath.

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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
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Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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Out Webinar

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the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

For the Business Establishment Name, if you do not wish to disclose the actual name,

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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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If Not Implemented:		**Case Study Developed?** (Y or N)
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
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$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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Loan obtained from the Iowa Economic Development Targeted Small Business loan program.

Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

For the Business Establishment Name, if you do not wish to disclose the actual name,

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and select a date implemented in Column K. Update any preliminary estimates based on
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ut type (e.g., letters instead of numbers). Re-enter the information in the appropriate

(not required).
ust be updated based on the actual

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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
The facility purchased an air compressor and installed it between the cutting and cleaning phases on the parts conveyor belt. Metal particles are now blown off of the parts and collected in a bin below the belt for recycling as they move towards the cleaning bath.

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Description of Funding Mechanism (optional). EPA is exploring ways to facilitate access to
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Firm’s capital improvement budget

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Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
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Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**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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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

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Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
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Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
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P2 Actions and Outcomes	
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	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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Out Webinar

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the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
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		Y

		N
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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2,000		Y	06/15/2023	**2023**
		N		
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Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

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Out Webinar

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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(not required).
ust be updated based on the actual

unities

Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

2023 2024 2025 2026 2027 2028

P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
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Firm’s capital improvement budget

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		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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2023 2024 2025 2026 2027 2028

P2 IIJA Communities ~~EJ~~ Grant: Business Establishment 1 (This will also be

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Grant Project Number:	**12345678**

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Business Establishment City and State *(optional)*	Rivercity, IA
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
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Savings	Annual Reductions Targeting Commu			
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$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
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		Y

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Y	Need time to research and test alternative cleaners and may need new equipment.	N
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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

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Out Webinar

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dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

For the Business Establishment Name, if you do not wish to disclose the actual name,

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(not required).
ust be updated based on the actual

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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
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EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
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Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
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	TOTAL IMPLEMENTED	**$20,000**
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$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
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0	**0**			

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Firm’s capital improvement budget

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Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
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$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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Implementation Details
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Y	Need time to research and test alternative cleaners and may need new equipment.	N
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	TOTAL IMPLEMENTED	**$20,000**
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2,000		Y	06/15/2023	**2023**
		N		
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Out Webinar

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**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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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
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EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
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Scroll right to see all columns (cols. B through S) -->	**Cost & S**

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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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Firm’s capital improvement budget

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		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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Y	Need time to research and test alternative cleaners and may need new equipment.	N
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

For the Business Establishment Name, if you do not wish to disclose the actual name,

nical assistance. You may enter initial estimates of costs, annual savings and annual

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(not required).
ust be updated based on the actual

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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
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0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
The facility purchased an air compressor and installed it between the cutting and cleaning phases on the parts conveyor belt. Metal particles are now blown off of the parts and collected in a bin below the belt for recycling as they move towards the cleaning bath.

Roller brush installed at the exit of the phase 1 cleaning tank to brush solvent back into the tank - reducing solvent waste and extending the life of the rinse tank.

Description of Funding Mechanism (optional). EPA is exploring ways to facilitate access to
Loan obtained from the Iowa Economic Development Targeted Small Business loan program.

Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

2023 2024 2025 2026 2027 2028

P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

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Out Webinar

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**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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ust be updated based on the actual

unities

Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

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Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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Out Webinar

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the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
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Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
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	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

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Out Webinar

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the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
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0	**0**			
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
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$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
The facility purchased an air compressor and installed it between the cutting and cleaning phases on the parts conveyor belt. Metal particles are now blown off of the parts and collected in a bin below the belt for recycling as they move towards the cleaning bath.

Roller brush installed at the exit of the phase 1 cleaning tank to brush solvent back into the tank - reducing solvent waste and extending the life of the rinse tank.

Description of Funding Mechanism (optional). EPA is exploring ways to facilitate access to
Loan obtained from the Iowa Economic Development Targeted Small Business loan program.

Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**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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ut type (e.g., letters instead of numbers). Re-enter the information in the appropriate

(not required).
ust be updated based on the actual

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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

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Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
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Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
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Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

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3	Test water-based cleaners	
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**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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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

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Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
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Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
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P2 Actions and Outcomes	
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	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

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3	Test water-based cleaners	
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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Out Webinar

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Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
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Implementation Details
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Firm’s capital improvement budget

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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
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Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Description of Funding Mechanism (optional). EPA is exploring ways to facilitate access to
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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Firm’s capital improvement budget

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Y	Need time to research and test alternative cleaners and may need new equipment.	N
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$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
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	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

ess Establishment Information in rows 11-18, noting that rows 12-14 are optional.
ingful proxy so that you will be able to find it when entering follow-up information.
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Out Webinar

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

For the Business Establishment Name, if you do not wish to disclose the actual name,

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and select a date implemented in Column K. Update any preliminary estimates based on
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ut type (e.g., letters instead of numbers). Re-enter the information in the appropriate

(not required).
ust be updated based on the actual

unities

Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Description of Funding Mechanism (optional). EPA is exploring ways to facilitate access to
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

2023 2024 2025 2026 2027 2028

P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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Out Webinar

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Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
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$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**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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ust be updated based on the actual

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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

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Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
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P2 Actions and Outcomes	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
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Savings	Annual Reductions Targeting Commu			
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$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
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Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
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P2 Actions and Outcomes	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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	TOTAL IMPLEMENTED 2023	**$20,000**
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Out Webinar

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

For the Business Establishment Name, if you do not wish to disclose the actual name,

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(not required).
ust be updated based on the actual

unities

Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

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P2 IIJA Communities ~~EJ~~ Grant: Business Establishment 1 (This will also be

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
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EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
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Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
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Firm’s capital improvement budget

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		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
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$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
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P2 IIJA Communities -Grant: Business Establishment 1 (This will also be th

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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
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$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
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Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
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$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

For the Business Establishment Name, if you do not wish to disclose the actual name,

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ust be updated based on the actual

unities

Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
The facility purchased an air compressor and installed it between the cutting and cleaning phases on the parts conveyor belt. Metal particles are now blown off of the parts and collected in a bin below the belt for recycling as they move towards the cleaning bath.

Roller brush installed at the exit of the phase 1 cleaning tank to brush solvent back into the tank - reducing solvent waste and extending the life of the rinse tank.

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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

2023
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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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Savings	Annual Reductions Targeting Commu			
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$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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Firm’s capital improvement budget

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		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
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2023 2024 2025 2026 2027 2028

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P2 Actions and Outcomes	
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
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$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
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2023 2024 2025 2026 2027 2028

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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
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Savings	Annual Reductions Targeting Commu			
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$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
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$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
The facility purchased an air compressor and installed it between the cutting and cleaning phases on the parts conveyor belt. Metal particles are now blown off of the parts and collected in a bin below the belt for recycling as they move towards the cleaning bath.

Roller brush installed at the exit of the phase 1 cleaning tank to brush solvent back into the tank - reducing solvent waste and extending the life of the rinse tank.

Description of Funding Mechanism (optional). EPA is exploring ways to facilitate access to
Loan obtained from the Iowa Economic Development Targeted Small Business loan program.

Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

2023

2024

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2026

2027

2028

P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

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Out Webinar

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

For the Business Establishment Name, if you do not wish to disclose the actual name,

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and select a date implemented in Column K. Update any preliminary estimates based on
will tally in this tab's Total rows and in the Results Summary tab only if row 20 has a

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ut type (e.g., letters instead of numbers). Re-enter the information in the appropriate

(not required).
ust be updated based on the actual

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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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http://StateAgency/casestudies/finetunemetalworks

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Grant Project Number:	**12345678**

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Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
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Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
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Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

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Out Webinar

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the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**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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ust be updated based on the actual

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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

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Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
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Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
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	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

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Out Webinar

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the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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For the Business Establishment Name, if you do not wish to disclose the actual name,

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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
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$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
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2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
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Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
		1

Link to Case Study If the case study is online, provide a link for EPA to view, download and share. Otherwise, please include attachments with report submission.
http://StateAgency/casestudies/finetunemetalworks

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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

Grant Information	*The informatio*
Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

Business Establishment Information	*Note: If copy-p*
Business Establishment Name	FineTune Met
EPA Facility ID Number (optional)Facility ID Lookup (website)	123456789012
Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
Scroll right to see all columns (cols. B through S) -->	**Cost & S**

	Informative Description of Recommended P2 Actions	**One-time Cost to Implement ($)**
1	Blow metal parts with compressed air between cutting and cleaning stages to remove metal particles to reduce cleaning solvent contamination.	$15,000

2	Reduce drag-out of solvent from phase 1 cleaning and rinse tank	$5,000
3	Test water-based cleaners	
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25		
	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
	TOTAL IMPLEMENTED 2025	**$0**
	TOTAL IMPLEMENTED 2026	**$0**
	TOTAL IMPLEMENTED 2027	**$0**
	TOTAL IMPLEMENTED 2028	**$0**

e P2 Grant: Business Establishment 1)

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Out Webinar

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (lbs)**	**Air Emissions (lbs)**	**Water Pollution (lbs) Select header for help**
$60,000	7,000	7,000	300	

$25,000	300	300		2,000
$85,000	**7,300**	**7,300**	**300**	**2,000**
$85,000	**7,300**	**7,300**	**300**	**2,000**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**
$0	**0**	**0**	**0**	**0**

For the Business Establishment Name, if you do not wish to disclose the actual name,

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ons it has implemented, enter in row 20 the date(s) of follow up.
and select a date implemented in Column K. Update any preliminary estimates based on
will tally in this tab's Total rows and in the Results Summary tab only if row 20 has a

n the "Getting Started" tab for more details.
ut type (e.g., letters instead of numbers). Re-enter the information in the appropriate

(not required).
ust be updated based on the actual

unities

Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			
0	**0**			

Implementation Details
Implementation Information. Include updated quantity information, e.g., # LEDs, # solar panels, that relates to cost, annual savings and annual reductions. For GHG emissions, note original units that were converted to MTCO2e (e.g., kWh)
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Roller brush installed at the exit of the phase 1 cleaning tank to brush solvent back into the tank - reducing solvent waste and extending the life of the rinse tank.

Description of Funding Mechanism (optional). EPA is exploring ways to facilitate access to
Loan obtained from the Iowa Economic Development Targeted Small Business loan program.

Firm’s capital improvement budget

If Not Implemented:		**Case Study Developed?** (Y or N)
Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
		Y

		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

How to Use this Tab:	**1.** Enter Busin enter a meani **2.** Under P2 A reductions. **3.** Once you h **4.** When your the actual imp follow-up date **5.** Additionally **6.** On this tab, format to rem

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Grant Recipient:	**Sample Recip**
Grant Project Number:	**12345678**

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Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
List each P2 recommendation provided to the business establishment 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 the recommen implementation at
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Savings	Annual Reductions Targeting Commu			
Annual Savings from P2 Action ($)	**Hazardous Material Input (lbs)**	**Hazardous release & imputs (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**
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Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**

2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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0	**0**			
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Implementation Details
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Firm’s capital improvement budget

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Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	
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P2 IIJA Communities Grant: Business Establishment 1 (This will also be th

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Business Establishment Contact *(optional)*	Joe Fork
Business Establishment City and State *(optional)*	Rivercity, IA
Business Establishment NAICS Code (3 to 6 digits) NAICS Search (web	332215
~~**Is the business establishment located in, adjacent to, or otherwise impacting a disadvantaged community? (strike out)**~~ ~~*(Yes / No / Unknown)*~~	Yes
~~**How do the recommended P2 actions identified below benefit disadvantaged communities? (Strike out whole row)**~~	~~With reduced the communit perchloroethy~~
Outreach Activity *(optional)* If you made contact with the business establishment through an activity noted on the "Outreach Activities" tab, indicate the activity by choosing it from the drop-down provided:	Reduce Drag (
Date P2 Recommendations Provided to Business Establishment *(mm/dd/yyyy)*	03/09/2023
Date(s) of Follow-up *(mm/dd/yyyy)*	07/12/2023

P2 Actions and Outcomes	
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	TOTAL IMPLEMENTED	**$20,000**
	TOTAL IMPLEMENTED 2023	**$20,000**
	TOTAL IMPLEMENTED 2024	**$0**
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~~hazardous solvent use, there are fewer air emissions of perchloroethylene within~~ ~~y and reduced hazardous waste shipments. Reduction in potential exposure to~~ ~~lene reduces risk to adverse health outcomes including cancer.~~
Out Webinar

eliminary estimates of costs, annual savings and annual reductions for each Recommended P2 Actior
dation was implemented (as reflected in column L), the cost, annual savings and annual reductions m
the business establishment.

Savings	Annual Reductions Targeting ~~Disadvantaged~~

Annual Savings from P2 Action ($)	Hazardous Material Input (lbs)	Hazardous release & imputs (lbs)	Air Emissions (lbs)	Water Pollution (lbs) Select header for help
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$25,000	300	300		2,000
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$0	**0**	**0**	**0**	**0**
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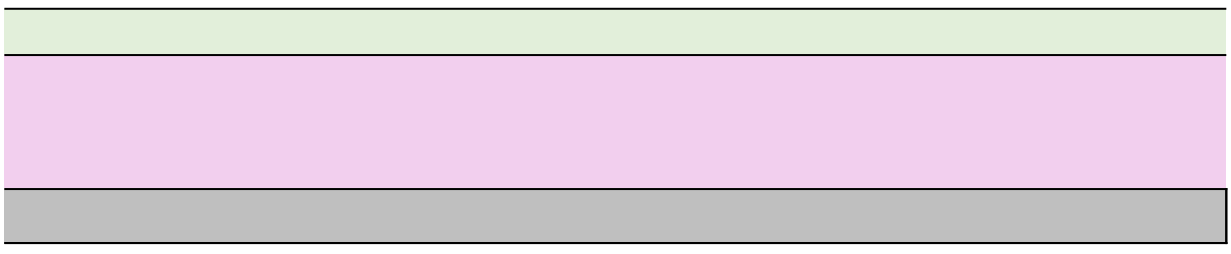
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Communities	

Water Use (gal.)	GHG Emissions (MTCO2e) Select header for help	Recommendation Implemented? *(Y or N)* Select header for help	Date Implemented *(mm/dd/yyyy)* Select header for help	Federal Fiscal Year *(auto-calculated)*
		Y	04/12/2023	**2023**
2,000		Y	06/15/2023	**2023**
		N		
2,000	**0**			
2,000	**0**			
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Implementation Details

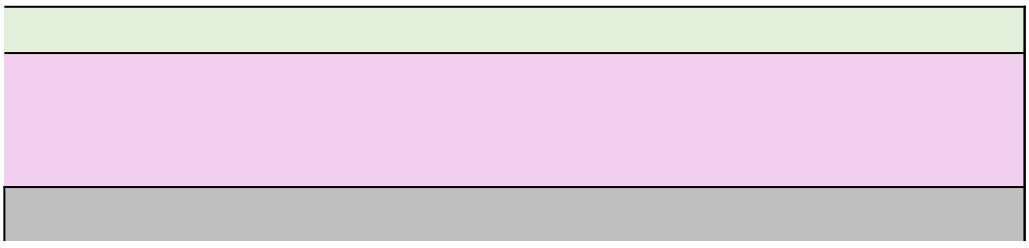
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If Not Implemented:	

Plan to within 5 years? (Y or N)	**Barriers to Implementation** *(optional).* Please describe any barriers to implementation (e.g., cost, long payback period, low priority) of the recommended action	**Case Study Developed?** (Y or N)
		Y
		N
Y	Need time to research and test alternative cleaners and may need new equipment.	N
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