



Free Technical Assistance – No Cost to Shops!

# Designngreen



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**Sam Hodgetts**



# Technical Assistance



Get the Word Out



Understanding Your Operations



Create Your Pollution Prevention Plan



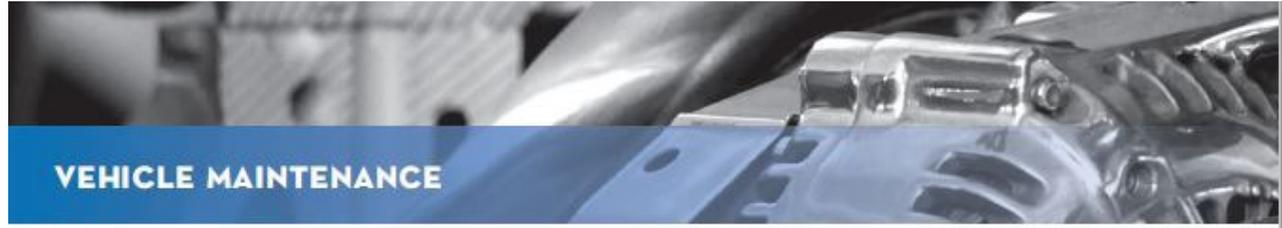
Discuss: P2 Plan + Certification + Products



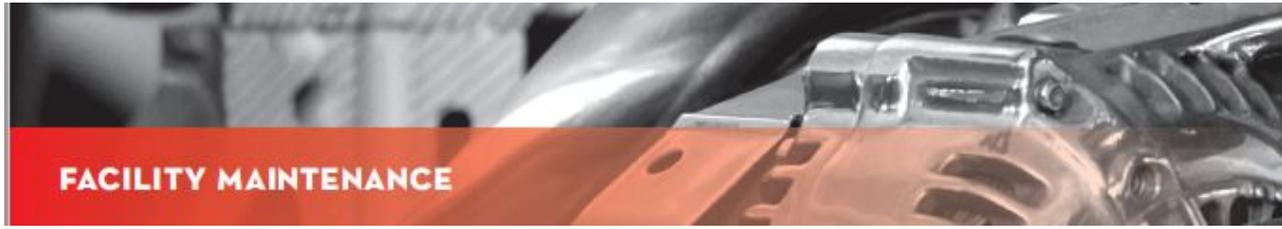
Goals + Actions + Application + Product Experience



**ENVIRONMENTAL COMPLIANCE**



**VEHICLE MAINTENANCE**



**FACILITY MAINTENANCE**

# Baseline Surveys

- Meet with Owner or Shop Managers
- Review Operations
- Locate Permits and Plans
- Products: Brands, Usage, Needs
- Waste Management: Hazard + Universal
- Spill Prevention
- Storm Drain Protection
- Energy Demands + Greener Options

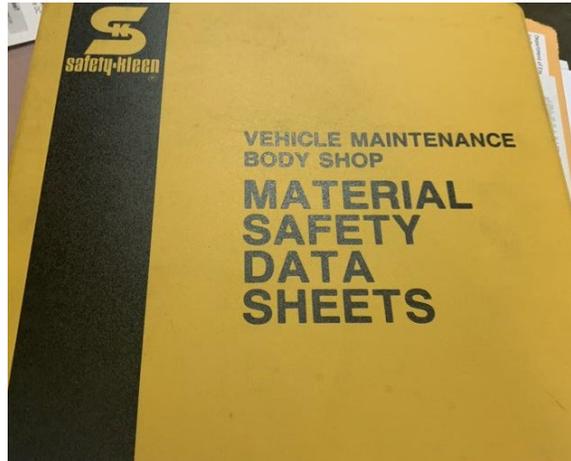
**GREEN WRENCH**  
TECHNICAL ASSISTANCE  
DEPARTMENT OF ENERGY & ENVIRONMENT

Business Name: [REDACTED]  
Address: 231 [REDACTED]  
Email: [REDACTED]

This questionnaire allows GreenWrench to identify how it can best help your shop reduce pollution and save money. Fill out the form to the best of your knowledge, using estimation when needed.

Plans and Permits	Operations																																											
<b>Does your shop have environmental plans?</b> Check all that apply: <ul style="list-style-type: none"> <li><input type="checkbox"/> None</li> <li><input checked="" type="checkbox"/> SPCC Plan (Spill Prevention, Control, and Countermeasure Plan)</li> <li><input type="checkbox"/> SWPPP (Stormwater Pollution Prevention Plan) or Stormwater Management Plan</li> <li><input type="checkbox"/> HMMP (Hazardous Material Management Plan) or HMIS (Hazardous Materials Inventory Statement)</li> <li><input type="checkbox"/> Other: <i>No oil water separator</i></li> </ul>	<b>What type of activities take place onsite?</b> Check Yes or No <table border="1"> <thead> <tr> <th></th> <th>YES</th> <th>NO</th> </tr> </thead> <tbody> <tr><td>1. Brake Repairs</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>2. Transmission Repair</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>3. Body Repair</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>4. Routine Services</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>5. Vehicle Refinishing</td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr> <tr><td>6. Electrical (<i>some</i>)</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>7. Engine Repair/ Replacement</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>8. Fuel and Ignition System Repair</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>9. Tire Replacement/ Repair</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>10. Car washing</td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr> <tr><td>11. Painting Services</td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr> <tr><td>12. AC Services</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>13. Other:</td><td></td><td></td></tr> </tbody> </table>			YES	NO	1. Brake Repairs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Transmission Repair	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Body Repair	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Routine Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Vehicle Refinishing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6. Electrical ( <i>some</i> )	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. Engine Repair/ Replacement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. Fuel and Ignition System Repair	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. Tire Replacement/ Repair	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10. Car washing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	11. Painting Services	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12. AC Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	13. Other:		
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<b>Does your shop have existing environmental permits?</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> District of Columbia Air Quality Permit (e.g. paint booth)</li> <li><input type="checkbox"/> Multi-Sector General Permit (MSGP) <i>only MS</i> for industrial stormwater runoff</li> <li><input type="checkbox"/> Other: <i>Please list long paint</i></li> </ul>	<b>Energy and Heat</b>																																											
<b>Materials Management</b> <b>Mark which the strategies your shop uses.</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Maintain a hazardous material inventory <i>(vendors only)</i></li> <li><input checked="" type="checkbox"/> Use a "First-in First-out" system</li> <li><input checked="" type="checkbox"/> Place liquid containers in secondary containment</li> <li><input checked="" type="checkbox"/> Label containers to identify contents</li> <li><input checked="" type="checkbox"/> Have spill kits/absorbent</li> <li><input checked="" type="checkbox"/> Keep Material Safety Data Sheets (MSDS)</li> <li><input checked="" type="checkbox"/> Keep Manifests/Receipts from waste or recycling pick ups</li> </ul>	<b>What type of energy does your shop use?</b> <input checked="" type="checkbox"/> Pepco <input type="checkbox"/> Solar <input type="checkbox"/> Energy Choice DC <input type="checkbox"/> Other:																																											
<b>Additional Management Strategies</b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Regular Employee Trainings <i>briefly describe what is taught:</i></li> <li><input type="checkbox"/> Self Inspections/Audit <i>briefly describe what is inspected:</i></li> </ul>	<b>How much energy does your shop use?</b> <i>Provide monthly energy usage, which can be found in your last bill.</i> \$200 - 300 or more / month																																											
	<b>Describe how your shop heats its bay(s)</b> electric heater electric AC (no) Use AC																																											
	Frequency: <i>yearly</i>																																											
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CSS



## EXISTING FINANCIAL PRODUCTS

### COMMERCIAL LOAN FOR ENERGY EFFICIENCY & RENEWABLES (CLEER)

- Financing for energy saving upgrades and renewable energy installations in existing buildings.
- Borrowers can be commercial property owners, common ownership associations (i.e., condominium and cooperative associations), as well as commercial tenants. Eligible commercial properties include commercial office, industrial, as well as multifamily buildings.
- Loan terms range from 2 - 12 years and loan amounts range from \$10,000 to \$250,000.

### DC PACE

This product can provide up to 100% financing for energy and water saving upgrades in commercial real estate and multi-family housing. PACE financing utilizes a voluntary property tax assessment and is repaid via property tax bills.

### SOLAR DEVELOPMENT, CONSTRUCTION AND TERM LOANS

Clean energy and sustainable infrastructure financing across the project life cycle (development-stage, construction, term).

### GREEN AFFORDABLE MULTIFAMILY HOUSING

We offer subordinate debt as well as bridge and development financing for clean energy, green infrastructure, and preservation energy efficiency retrofits.

### PILOT AND STRUCTURED PRODUCTS

- **RESILIENT DESIGN:** Renewable energy, green infrastructure, energy storage, grid infrastructure, and other projects that meet DCGB goals but cannot identify traditional funding sources.
- **WORKING CAPITAL:** Loan facilities for clean energy and green infrastructure development.
- Green building development and construction, energy efficiency retrofits, and clean energy installations (including compliance with DC Building Energy Performance Standards).
- Innovative project or financing schemes that meet DC Green Bank's goals can be submitted as a proposal through DC Green Bank's Open RFP process.



★ DEPARTMENT OF ENERGY & ENVIRONMENT  
★ WE ARE BETTER DC GOVERNMENT OF THE DISTRICT OF COLUMBIA  
MURIEL BOWSER, MAYOR



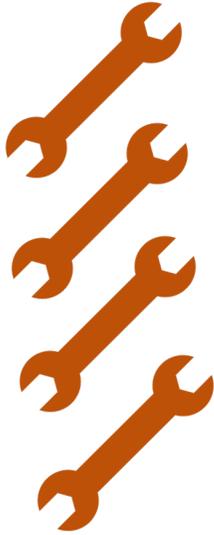
Prepared For [REDACTED]  
By: Designgreen LLC  
On: 2/6/2020

Modification Log for Facility Managers and Operators:

Date	Description of Modification	Name of Person Making Modification

# Your P2 Plan

- Goals and Actions
- Savings Opportunities and Certification Pathway



### Environmental Compliance Checklist

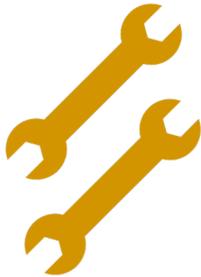
In order to be eligible for GreenWrench Certification, the facility must be in compliance with environmental regulations.

Environmental Regulation	In Compliance	N/A	Comments
Hazardous and Universal Waste, Used Oil Regulations			
Air Quality Regulations			
Water and Land Regulations			

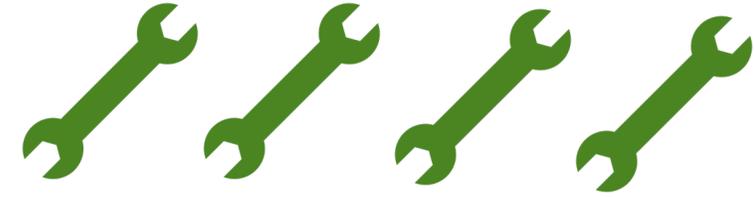
### Qualifying & Additional Activities

Qualifying Activities: Shops will need to complete all three of the activities from this list.

Activity	Complete	Comments
Shop rags are commercially managed		
Adequate, clearly marked, spill containment kits are available and maintained in all areas where fluids are stored or handled		
Environmental compliance documents are maintained and are easily accessible		



YELLOW Activities (choose at least 2)	Complete	Comments
Recycled coolants are used (either recycled in-house or by vender)		
Copper-free brake pads used for brake pad changes		
Low pressure/wet cleaning methods are used when performing brake or clutch jobs		
No VOC degreasers are used		
Non-toxic lubricants and corrosion inhibitors are used		
Lead-free tire balancing weights are used		
Solar panels have been installed for energy efficiency		
Water efficient products are used where possible (Ex. low flow toilets)		
<b>Total activities</b>		



GREEN Activities (choose at least 4)	Complete	Comments
Re-refined motor oil is used for oil changes		
Anti-idling signage is installed at shop		
Stickers are applied near light switches to remind staff to turn off lights		
Automatic setback thermometers are installed to save on heating/cooling costs		
Energy efficient products are used where possible (ex. LED lightbulbs)		
Chemical paint stripper usage is minimal or eliminated through mechanical methods		
Storm drains are stenciled/marked to remind staff and customers that site drains to a local waterway		
Methods to reduce waste are used (Set your printers to default double sided, provide electronic invoices, provide durable dishware for staff, etc.)		
<b>Total activities</b>		



# Green Bucket



# Degreasers



# Lead Free



**JOIN US!**

**Be a Green Wrench Autoshop**

**Your Pollution Prevention Actions...**



**...Protect the Water, Air, Land and Save You Money**



[www.designgreenllc.com](http://www.designgreenllc.com)



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