

Eliminating Perchloroethylene (perc) in Dry Cleaning

The City of Minneapolis is offering grants up to \$30,000 each to help fund dry cleaners move to alternatives to perc in the dry cleaning process.

Eligible applicants:

- Any dry-cleaning business in the City of Minneapolis that uses perc.
- See requirements and bonus items on Matching Grant Application.

Agreement with grant winners:

The winner of each grant must formally enter into an agreement. The grant agreement will address the conditions of the grant award including implementation of the project, reporting on progress and activities, and a final report. The grant agreement is a legal, binding document and will need signatures of the grant fund manager, the program manager, and the grantee. Grant recipients are expected to keep accurate financial records of the project.

Additional documents may be required for grant winners including proof of ownership and insurance.

Owners must be able to provide 2/3 matching funds for project.

Grant payments:

Once the switch away from perc is completed, 50 percent of the grant amount will be provided to the grant winner (within 30 days after the contract is completed). The final 50 percent will be sent after the City approves the final report and final invoice.

Tentative program timeline:

- January 22, 2015 2-4 p.m. Information meeting (optional) at
Public Service Center
250 4th St S. Rm 414
Minneapolis, MN 55343
- April 15 4 p.m. Proposals due
- April 29 Grant winners announced
- May 13 Agreements completed
- October 1 Project to be completed
- October 17 Final day for documents submitted for reimbursement



City of Minneapolis
Green Business
Matching Grant Overview 2015
Improving Environmental Performance



Informational meeting (optional):

An optional program information meeting for all applicants will be held 2-4 p.m., Thursday, January 22, 2015, in Room 414, Public Service Center, 250 4th St. S. Attendance is not mandatory but encouraged for anyone who has questions about the application content or process. Questions and answers from this meeting will be posted on the City's website at [Green Business](#)

To Apply:

- Send the completed application form and any required attachments.
- **Deadline 4 p.m. Wednesday, April 15, 2015.** Late applications may not be considered.
- Mail or deliver to:

City of Minneapolis, Environmental Services
Green Business Matching Grant
250 S. 4th St. RM 414
Minneapolis MN 55415

You can also e-mail your application to environmentalservicesinfo@minneapolismn.gov
Or fax it to 612-673-2635



**City of Minneapolis
Green Business
Matching Grant Application 2015
Eliminating Perchloroethylene (perc) in Dry Cleaning**



Complete all sections on this application.

Name of Business: _____

Contact or Applicant: _____

Address: _____

Phone: _____ **Email:** _____

Requested Funds: _____ (Not to exceed \$30,000)

Your Business Matching Funds: _____ (Must be at least 2/3 project cost)

Total Project Cost: _____

Summary of Request (what you are planning to do with grant funds):

What cleaning process will you be using in place of perc upon the completion of this project? (Please attach a Material Safety and Data Sheet of the product or combination of products)

How much perc would be eliminated from your business as a result of this grant? (The greater the number of gallons eliminated the higher the application will rank.)

_____ gallons of perc to be eliminated annually



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How do you believe this grant would help your business and employees?

How do you believe this grant would help your customers?

How do you believe this grant would help your neighbors and surrounding community?

Bonus steps

Meeting these items will improve the standing of your application.

- Obtain a free energy audit from the MN Retired Engineers Technical Assistance Program or other (+1).

Date completed (scheduled): _____

- Make and prove changes that save electricity, heating, cooling, or water (+1 per instance).

Please list changes as well as how they will save electricity, heating, cooling, or water:

- Contribute a high level of matching funds to the City of Minneapolis grant (at least two-thirds matching from business).

Eliminating Perchloroethylene (perc) in Dry Cleaning Checklist

What to submit by April 15, 2015:

- This Matching Grant Application
- Demonstrate that the grant applicant is the owner of record of the property or business where funds will be used to finance repairs. Copy of property tax record, business license, etc.
- Include in the proposal a contractor bid for work or a materials list. Work performed at the property shall be as stated in the bid, and materials purchased shall be as stated in the list.

Checklist of Requirements:

- Perc must be eliminated from the place of business by the end of the project.
- No more than \$30,000 may be requested by the eligible business.
- Business will provide at least two-thirds of the funds for the project.
- Grant funds can only be used to compensate for materials and labor specified on the grant bid.
- Ineligible costs include labor costs of employees of the dry cleaning businesses.
- Any contractor(s) who performs work at the property must meet City of Minneapolis licensing, building permit, and building code requirements.
- All work must meet City of Minneapolis zoning code, building, and all other regional, state or national code requirements.

If you are awarded a grant the following must be complete:

- All improvements must be completed by October 1, 2015 and reimbursement request documents provided to the program administrator by October 17, 2015. The applicant is responsible for ensuring that the work has been completed satisfactorily before paying the contractor(s).
- Signed communications waiver.
- Grant funds will be disbursed to the contractor(s) and/or grant applicant by the City grant fund manager. The grantee must submit the following items to the program manager upon completion of the work. If more than one contractor is used, there must be complete sets of the items listed below for each contract/contractor:

Before and after photographs from the same vantage point highlighting the improvement.

Completion Certificate filled in and signed by the grant applicant and contractor.

Proof of final inspection by the City of Minneapolis for any work requiring a City permit (send a copy of the permit signed off by the responsible City inspector). For work NOT requiring a City permit, call the program administrator to notify them work is complete.

Final invoice from the contractor showing the total project cost.

Proof of payment paid to contractor. You should be totally satisfied with the work before paying.

A lien waiver, which is a statement issued by the contractor that advises the client that they, the contractor, have been paid in full for the total project cost, are satisfied with the compensation for the work they performed, and waive their right to place any liens on the property for work completed.

Resources to save energy and money

Below is a list of resources and tools to help you save money in your business through reduced energy or other resource usage.

- CenterPoint Energy (natural gas provider)
www.centerpointenergy.com/home
- Minnesota Pollution Control Agency Small Business Environmental Assistance Program
<http://www.pca.state.mn.us/index.php/topics/small-business-environmental-assistance-program/index.html>
- Xcel Energy offers small business assistance and a discount rate program for compact fluorescent light bulbs
www.compactoffer.com/xcelenergyproducts.cfm
- One Stop Lighting rebate
<http://mncee.org/Find-Programs-Financing/One-Stop-Efficiency-Shop-Lighting-Retrofits/>
- RETAP- Mike Vennewitz Retired Environmental Technical Assistance Program Coordinator
mvennewitz@yahoo.com
612-781-1307

Example alternatives to perchloroethylene

(If you would prefer a different product from those listed here, list it in the application .)

1. Professional wet cleaning
 - a. Equipment life span: 15 years
 - b. 12 kilowatt hours of electricity used per 100 pounds of clothes
 - c. Operating cost: \$0.24 - \$0.28 per pound
 - d. All compounds are readily biodegradable and can be removed at local treatment plants.
2. Solvon K4
 - a. Operating costs and electrical usage are assumed to be similar to the operating costs of hydrocarbon systems, based on information from users and makers of the solvent.
 - b. Solvon K4 is a biodegradable, halogen-free solvent and is managed as industrial waste.
3. HydroCarbon based solvents
ie. DF-2000™ Fluid, PureDry, EcoSolv, Shell Sol 140 HT, Stoddard solvent
 - a. Equipment life span: 8-14 years
 - b. 23.8 kilowatt hours of electricity used per 100 pounds of clothes
 - c. Operating cost: \$0.30 - \$0.36 per pound
 - d. Solvents tend to be biodegradable and of low toxicity. Still bottoms and spent filters require proper management and disposal.
4. GreenEarth
 - a. Equipment life span: 8-14 years
 - b. 34.7 kilowatt hours of electricity per 100 pounds of clothes cleaned
 - c. Operating cost: \$0.36 - \$0.44 per pound
 - d. Solvents tend to be biodegradable and of low toxicity. Still bottoms and spent filters require proper management and disposal.
5. Rynex[®] (Rynex 3 or Propylene Glycol Ether)
6. CO₂ cleaning
 - a. Equipment life span: 15 years
 - b. 29 kilowatt hours of electricity used per 100 pounds of clothes
 - c. Operating cost: \$0.36 - \$0.43 per pound
 - d. Managed as solid waste rather than hazardous waste.