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**Interagency Agreement
Tacoma-Pierce County Health Department - City of Lakewood
Natural Yard Care – 2011**

The City of Lakewood seeks to reduce pollutants in and the impact of stormwater to local surface water bodies through public education as directed by its National Pollution Discharge Elimination System (NPDES) permit. The goal of this project is to increase adoption of natural yard care practices in Lakewood through education and outreach efforts in 2011. This approach will complement other existing and planned efforts and will result in the adoption of natural yard care practices by targeted residential. Results will be assessed via a project-end report.

The Tacoma-Pierce County Health Department (Health Department) shares an interest in reducing pollutant discharges to the environment, minimizing potential impacts upon surface water resources, and seeks to safeguard and enhance the health of communities in Pierce County.

The City of Lakewood and the Health Department have determined that it is mutually beneficial that the Health Department provide to the City certain services in 2011, as described in this agreement.

The Health Department will partner with the City of Lakewood to produce homeowner-targeted workshops promoting environmental stewardship and sustainable maintenance practices for yards and landscapes. The Health Department will promote the “Five Steps to Natural Yard Care” approach: *Build healthy soil, Plant right for your site, Practice smart watering, Think twice before using pesticides, and Practice natural lawn care*, as described below:

- Build healthy soil** - Covers the basic components of soil and benefits of adding organic matter. Talk will include instruction about backyard composting emphasizing troubleshooting and the benefits of recycling nutrients on-site.
- Plant right for your site** - Practical landscape design for matching plants with the proper environmental conditions to encourage healthy plants and reduce reliance on pesticide use.
- Practice smart watering** - Covers water conservation by encouraging irrigation efficiency through a variety of techniques, grouping plants with like water needs together, and encouraging deep, infrequent watering for plant health.
- Think twice before using pesticides** - Emphasizes proper plant placement and plant health as the first step in avoiding pest incidence; cover cultural, mechanical, and biological control techniques before using less-toxic pesticides as a last resort; the importance of and how to read a pesticide label and emphasizing proper usage and disposal of pesticide products.
- Natural lawn care** - Covers differences among grass species common to the area, ‘grass-cycling’ for organic waste diversion and nutrient cycling, proper irrigation and fertilization practices, and emphasizing techniques to reduce weed incidence and pesticide usage.

The workshop program brings these messages directly to City of Lakewood homeowners via a series of three lectures and hands-on demonstrations. Follow-up surveys will be conducted to assess changes in participant behaviors and practices occurring as a result of the program.

GOALS

Increase participants' adoption of natural yard care practices, including:

- reduced inappropriate use of pesticides and fertilizers to reduce potential impacts to surface/storm water
- reduced generation of organic waste/increased backyard composting
- increased use of slow-release fertilizers
- reduced water use

ACTIVITIES

The Health Department proposes a program of one Natural Yard Care Workshop series to be scheduled in coordination with the City of Lakewood and conducted in spring, 2011, comprised of the following specific elements:

- Three community evening meetings covering the five steps listed above, as well as information pertinent to preserving stormwater and surface water quality in Lakewood. Responsible party: **Coordinated by Health Department with assistance from City of Lakewood**
- Direct mail advertising to a selected neighborhood announcing the program via letter 4-5 weeks in advance of the program and following up with a postcard reminder 2-3 weeks in advance of the program. Responsible parties: **Coordinated by Health Department with assistance from City of Lakewood**
- Telephone follow-up to remind pre-registered residents of the upcoming meetings. Responsible party: **Health Department**
- Distribution of printed materials to each attendee covering the topics in the five steps to Natural Yard Care and conduct pre-workshop/baseline yard care practices survey. Responsible party: **Health Department**

OUTPUTS

- At least 40 Lakewood residents are trained in natural yard care practices via the Natural Yard Care workshop series.
- Report summarizing participation, the survey instrument and resulting data, an assessment of changes in behaviors and practices, and conclusions regarding the effectiveness of this approach.

OUTCOMES

Workshop participants will show increased adoption of natural yard care practices and resulting progress toward the task goals, as listed above. Outcomes will be assessed via a survey of workshop participants approximately 6 months following the workshops, as described above.

PROPOSED SCHEDULE AND DELIVERABLES

- March-April, 2011 –Direct mail invitations to approximately 1,000 households; inclusion in City of Lakewood website and other city-sponsored advertising means.
- April-May, 2011 -- Conduct NYC workshops series at City of Lakewood City Hall. Conduct pre-workshop “yard care practices” survey.
- October-November, 2011- Conduct “6-month” post-workshop follow-up survey with workshop participants.
- December, 2011- Summary report detailing advertising methods, attendance records, topics discussed at workshops, qualitative workshop feedback from attendees, and pre- and post-workshop survey analyses. Provide City of Lakewood with copies of primary workshop materials, workshop surveys, and associated outreach/education materials.

PROJECT COST & BILLING

In consideration for the services described herein the City of Lakewood shall pay the Health Department a total of **\$7,700**. The Health Department shall bill not more frequently than monthly or less frequently than quarterly unless otherwise agreed to by the City and the Health Department. Payment shall be made within 30 days of receipt of an invoice from the Health Department. Invoices from the Health Department shall be accompanied by progress reports describing activities and results for that billing period.

PROJECT CONTACTS

City of Lakewood

Diana Halar
6000 Main St.SW
Lakewood, WA 98499
Phone: 253-983-7826
Fax:253-589-3774
dhalar@cityoflakewood.us

Tacoma-Pierce County Health Department

Geoff Rinehart / John Sherman
3629 South D St., MS: 1049
Tacoma, WA 98418
Phone: 253-798-4587/253 798-6528
Fax: 253-798-6498
grinehart@tpchd.org; jsherman@tpchd.org

2-9-2011

Date of Signature

2/14/11

Date of Signature

Andrew E. Neiditz

Authorized Signature

Marcy Kulland

Authorized Department Signature

ref

CITY MANAGER

Title

BUSINESS MANAGER

Title

ANDREW E NEIDITZ

Printed Name

MARCY KULLAND

Printed Name of Department
Signature

City of Lakewood
6000 Main St. SW
Lakewood, WA 98499

Contractor Address

Tacoma-Pierce County Health Dept.
3629 South D Street
Tacoma, WA 98418-6813

Department Address

\$7,700

Dollar Amount for this Contract

Approved as to form:

Heidi Ann Wachler
Heidi Ann Wachler
City Attorney

Attest:

Alice M. Bush /ct
ALICE M. BUSH, MMC
CITY CLERK

| TPCHD - 3-Evening Natural Yard Care Workshop Series - Spring 2011 | | | | | | |
|--|------------|----------------|----------|----------------------------|------------------------------|----------------|
| Cost | Unit | Cost/unit (\$) | Subtotal | Indirect/overhead costs | Total | |
| Workshop series | | | | | | |
| Labor + Benefits | 60 hr. | 50 | | | 3,000.00 | |
| Direct-mail invitations | 1000 | 0.9 | 900 | 224 | 1,124.10 | |
| Postcard Follow-up | 1000 | 0.9 | 900 | 224 | 1,124.10 | |
| Other advertising | 300 | | 300 | 75 | 374.70 | |
| Venue Rental (city provides venue) | 0 | 0 | 0 | 0 | 0.00 | |
| Speaker fees | 3 speakers | 200 | 600 | 149 | 749.40 | |
| Door prizes | | 150 | 150 | 37 | 187.35 | |
| | | | | Subtotal - workshop series | 6,560.00 | |
| *Note: Workshop series quote if selected alone is \$6,600 | | | | | | |
| Assessment: Follow-up Survey (6-month) | | | | | | |
| Survey Follow-up-data entry/analysis/results/summary | 20 hr. | 50 | | | | 1000 |
| 6-month post-workshop survey mailing (1st mailing) (postage/envelopes) | 50 surveys | 0.9 | 45 | 9 | | 54 |
| 6-month post-workshop survey mailing (2nd mailing) (postage/envelopes) | 50 surveys | 0.9 | 45 | 9 | | 54 |
| | | | | | Subtotal - assessment | \$1,108 |
| | | | | | Total | \$7,668 |
| | | | | | Total (rounded) quote | \$7,700 |