

**2012 WATERSHED GRANTS PROGRAM
SMALL SCALE STORMWATER DEMONSTRATION PROJECTS (S3DP) APPLICATION
April 9, 2012**

Eligibility Requirements

Small Scale Stormwater Demonstration Project (S3DP) funding is available for projects that meet the criteria described herein:

- Located on property within the Northeast Ohio Regional Sewer District's (the District) service area
- Demonstrates on-site stormwater control measures
- Request is of \$15,000.00 or less. If your project has a higher cost, please contact the District to discuss. We will consider innovative projects with higher costs.
- Long-term maintenance plan
- Supported by local member community
- Completion by December 31, 2012
- Qualified applicants must represent the local community or a non-profit 501(c)(3) organization working in partnership with the local member community.
- Applicant must demonstrate control of project site through ownership or signed contract with the land owner where the proposed project will be installed.

Use for Public Outreach and Education

The following applies to all projects:

- 1) The District shall be permitted to photograph any project selected for S3DP funding and to incorporate this project into the District's overall public education and outreach efforts for stormwater management.
- 2) The District shall have design approval for any signage or public education and outreach efforts related to the project.
- 3) The District shall be acknowledged on any public advertisement or outreach efforts related to the project.

Evaluation

District staff will evaluate eligible requests for S3DP funding based on the following criteria:

- 1) Project Visibility (20 points)
- 2) Project Readiness to Proceed (15 points)
- 3) Project Addresses a Stormwater Management Problem (25 points)
- 4) Project Furthers Public Understanding of On-site Stormwater Control Measures (20 points)
- 5) Applicant Includes Matching Funds or In-Kind Services (10 points)
- 6) Incorporation of Trees (10 points)

Timeline and Submissions

NORTHEAST OHIO REGIONAL SEWER DISTRICT SCALE STORMWATER DEMONSTRATION PROJECTS

Complete applications must be received by the District no later than, **May 11, 2012** for consideration for 2012 funding. Awards will be contingent on funding availability and the District is under no obligation to fund any S3DP request. Direct all submissions and questions for S3DP to:

Linda Mayer Mack

(216) 881-6600 ext 6833

mackl@neorsd.org

NORTHEAST OHIO REGIONAL SEWER DISTRICT SCALE STORMWATER DEMONSTRATION PROJECTS

Application

Application Date: 7 May 2012

Community: Moreland Hills

Project Manager: Robert Koonce

Mailing Address: PO Box 314
Novelty, OH 44072

Phone Number: 216-644-3926

Email: rkoonce@wrlandconservancy.org

Name of Project: Forest Ridge Extension and Headquarters

Location of Proposed Project (address): 3850 Chagrin River Road, Moreland Hills, OH

Approximate Square Footage of Stormwater Control Measure: 3,700

Project Start Date: 1 April 2012 Project End Date: 1 September 2012

Estimated Total Project Cost: \$30,500

Amount Requested: \$15,000

Project area 'before' photo included Yes No

NORTHEAST OHIO REGIONAL SEWER DISTRICT SCALE STORMWATER DEMONSTRATION PROJECTS

The application must include the following:

1) Project Summary: (300 word maximum) Include a project description that addresses the eligibility requirements detailed above.

2) Visibility and Public Outreach (300 word maximum)

What audience will be exposed to this S3DP (neighbors, students, community groups, general public)? Describe how these groups will be exposed to the project – include methods of exposure and frequency. Include a letter of support from the community (i.e.; Mayor, Councilperson).

3) Ability to Provide Long Term Maintenance (300 word maximum)

Discuss:

- Who owns the land where the S3DP will be located? Does the applicant have site control?
- What maintenance is required for this project?
- Who will provide on-going maintenance and how will this maintenance be ensured?
- Does the applicant have the necessary equipment required for maintenance? What is that equipment?

4) Budget Summary Worksheet

Expenses	Value of In-Kind Service or Materials	Budget Request	Total Costs
Labor		\$7,000	\$7,000
Materials	\$12,000	\$8,000	\$20,000
Equipment Rental			
Plants	\$3,500		\$3,500
Other			
FUNDING TOTALS	\$ 15,500	\$ 15,000	\$ 30,500

NOTE: This is a reimbursement grant and payments will be made on project specific invoices only.

7 May 2012

Ms. Linda Mayer Mack
3900 Euclid Avenue
Cleveland, OH 44115

Dear Linda,

Below are our responses to the three application questions for consideration in this year's Small Scale Stormwater Demonstration Projects grant.

Project Summary

Western Reserve Land Conservancy is building a new headquarters in the Village of Moreland Hills to be completed in fall 2012. Our goal is to leverage our investment in a built environment to improve the surrounding natural environment. Managing the site's stormwater is a crucial part of that effort. While we are constructing a building to the highest standards of sustainability, we realize that we are still creating additional impervious surfaces. To counterbalance the new construction, we are installing six bioretention areas, two underground detention areas, and an extensive piping and catch basin system. We are asking that NEORS consider supporting the construction of the bioretention areas.

The site is part of a 137-acre conservation effort, of which 115 acres currently comprise Moreland Hills' Forest Ridge Preserve, and of the remaining 22 acres, the Land Conservancy will own four acres and the village will add 12 forested acres to Forest Ridge and create a public park from the final six acres. The site work referenced in this application will occur on the Land Conservancy's four acres in conjunction with work that Moreland Hills anticipates completing in their new park. The improvements on the Land Conservancy's site will be maintained by the Land Conservancy as this will be our main office. Together with the Village, we are creating a very visible and publically accessible amenity that will serve to advance conservation through the tangible demonstration of sustainable practices and community engagement.

Visibility and Public Outreach

The Land Conservancy's new headquarters will serve as a central hub for regional land protection planning. We anticipate that beyond our staff and trustees, we will host meetings with various other leaders in government, business, and park districts. The whole site will tangibly demonstrate that conservation goals and development can occur in tandem. To help facilitate this, we are installing an interior and exterior interpretive display that will tell the story of the buildings and grounds. While the Land Conservancy's four acres and buildings are not designed to be a public nature center, we nonetheless anticipate that, in addition to our own guests, hikers and visitors to Moreland Hills' park will utilize our trails and satisfy their curiosities with our interpretive displays.

We are working closely with the Village to ensure that our properties are fully integrated and included with this application is a letter of support from Mayor Susan Renda. Additionally, the site's trails will link with the 1200-acre South Chagrin Reservation that is across the street. The Polo Field at South Chagrin

is utilized heavily by the general public and we are planning on experiencing overflow foot traffic from events and casual hikers that will result in greater visibility of the interpretive elements we are installing. Our hope is that our building and site provide a memorable experience of what a sustainable future might look like and we are planning on taking every appropriate opportunity to share that vision with guests and visitors.

Ability to Provide Long Term Maintenance

This project is located on land that is owned by Western Reserve Land Conservancy. We anticipate that the bioretention areas will require ongoing maintenance that mainly consists of ensuring the permeability of the soil. From time to time, the bioretention areas will be “cleaned” of debris build up, both on an annual basis and more significant work every 5-10 years depending on conditions. Our budget for the headquarters includes landscaping and maintenance contracts whose scope of work will include the bioretention areas. Some of that basic landscaping work will be managed by a site manager who will live in a two bedroom apartment that is currently on the property. We will maintain the equipment necessary for those basic maintenance needs and plan on contracting out more serious work that may need to be completed.

Thanks so much for your consideration,

Robert Koonce

Director of Development
Western Reserve Land Conservancy

AIA Type Document
Application and Certification for Payment

TO (OWNER): 25333 Cedar Road, #304
Lynchburg, OH 44124

PROJECT: Western Reserve Land Conservac
25333 Cedar Road, #304
Lynchburg, OH 44124

APPLICATION NO: 7
PERIOD TO: 10/31/2012

DISTRIBUTION
TO:
_ OWNER
_ ARCHITECT
_ CONTRACTOR

FROM (CONTRACTOR): Mr. Excavator, Inc.
8616 Euclid-Chardon Road
Kirtland, OH 44094

VIA (ARCHITECT):

ARCHITECT'S
PROJECT NO:

CONTRACT FOR:

VENDOR: 912 #1042
JOB: _____
COST CODE: _____
VOUCHER #: 11578 CONTRACT DATE: _____

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract.
Continuation Sheet, AIA Type Document is attached.

The Undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the owner, and that current payment shown herein is now due.

1. ORIGINAL CONTRACT SUM \$ 428,770.00
2. Net Change by Change Orders \$ 43,743.16
3. CONTRACT SUM TO DATE (Line 1 + 2) \$ 472,513.16
4. TOTAL COMPLETED AND STORED TO DATE \$ 472,513.16
5. RETAINAGE:
a. 10.00 % of Completed Work \$ 47,251.31
b. 0.00 % of Stored Material \$ 0.00
Total retainage (Line 5a + 5b) \$ 47,251.31
6. TOTAL EARNED LESS RETAINAGE \$ 425,261.85
(Line 4 less Line 5 Total)

CONTRACTOR: Mr. Excavator, Inc.
8616 Euclid-Chardon Road Kirtland, OH 44094

By: Timothy A. Flesher / Executive Vice Presi
State of: OH
County of: Lake
Date: 10/23/12

Subscribed and Sworn to before me this 23rd Day of Oct 2012

Notary Public: Jill A. Garrett
My Commission Expires: 11/30/14
Jill A. Garrett, Notary Public
In and for the State of Ohio
Recorded in Lake County
January 13, 2014

ARCHITECT'S CERTIFICATION
In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$ _____

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

ARCHITECT: _____ Date: _____

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	60,779.51	-17,036.35
Total approved this Month	0.00	0.00
TOTALS	60,779.51	-17,036.35
NET CHANGES by Change Order	43,743.16	

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, Payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

AIA Type Document
Application and Certification for Payment

TO (OWNER): 25333 Cedar Road, #304
Lyndhurst, OH 44124

PROJECT: Western Reserve Land Conservac
25333 Cedar Road, #304
Lyndhurst, OH 44124

APPLICATION NO: 7
PERIOD TO: 10/31/2012

DISTRIBUTION
TO:
_ OWNER
_ ARCHITECT
_ CONTRACTOR

FROM (CONTRACTOR): Mr. Excavator, Inc.
8616 Euclid-Chardon Road
Kirtland, OH 44094

VIA (ARCHITECT):

ARCHITECT'S
PROJECT NO:

CONTRACT FOR:

CONTRACT DATE:

ITEM	DESCRIPTION	SCHEDULE VALUE	PREVIOUS APPLICATIONS	COMPLETED THIS PERIOD	STORED MATERIAL	COMPLETED STORED	%	BALANCE	RETAINAGE
1	Cleaning and Grubbing	6,000.00	6,000.00	0.00	0.00	6,000.00	100.00	0.00	600.00
2	Site Demolition	7,000.00	7,000.00	0.00	0.00	7,000.00	100.00	0.00	700.00
3	Topsoil	15,000.00	15,000.00	0.00	0.00	15,000.00	100.00	0.00	1,500.00
4	Excavation/Embankment	58,000.00	58,000.00	0.00	0.00	58,000.00	100.00	0.00	5,800.00
5	Over Excavation Backfill	84,000.00	84,000.00	0.00	0.00	84,000.00	100.00	0.00	8,400.00
6	Bio Retentions	27,000.00	27,000.00	0.00	0.00	27,000.00	100.00	0.00	2,700.00
7	Grading	4,800.00	4,320.00	480.00	0.00	4,800.00	100.00	0.00	480.00
8	Erosion Control	4,000.00	3,600.00	400.00	0.00	4,000.00	100.00	0.00	400.00
9	Miscellaneous	2,200.00	1,980.00	220.00	0.00	2,200.00	100.00	0.00	220.00
10	Storm	147,000.00	147,000.00	0.00	0.00	147,000.00	100.00	0.00	14,700.00
11	Water	11,000.00	11,000.00	0.00	0.00	11,000.00	100.00	0.00	1,100.00
12	ADD: Stone Driveway and Parking	37,760.00	37,760.00	0.00	0.00	37,760.00	100.00	0.00	3,776.00
13	ADD: Construction Drive Removal	13,370.00	0.00	13,370.00	0.00	13,370.00	100.00	0.00	1,337.00
14	ADD: Dewatering Sumps	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00	0.00	200.00
15	ADD: Septic and Cistern Removal	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00	0.00	400.00
16	ADD: Geothermal Spoil Removal	4,020.00	4,020.00	0.00	0.00	4,020.00	100.00	0.00	402.00
17	ADD: Garage Floor Removal	1,620.00	1,620.00	0.00	0.00	1,620.00	100.00	0.00	162.00
18	CO 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	CO 2- Septic tank, West stair remove, Underdrains	1,405.00	1,405.00	0.00	0.00	1,405.00	100.00	0.00	140.50
20	CO 3- outlet pipe, underdrains, bsmt changes, stone, onsite material, Geothermal	-17,036.35	-17,036.35	0.00	0.00	-17,036.35	100.00	0.00	-1,703.64

AIA Type Document
Application and Certification for Payment

TO (OWNER): 25333 Cedar Road, #304
Lyndhurst, OH 44124

PROJECT: Western Reserve Land Conservac
25333 Cedar Road, #304
Lyndhurst, OH 44124

APPLICATION NO: 7
PERIOD TO: 10/31/2012

DISTRIBUTION
TO:
_ OWNER
_ ARCHITECT
_ CONTRACTOR

FROM (CONTRACTOR): Mr. Excavator, Inc.
8616 Euclid-Chardon Road
Kirtland, OH 44094

VIA (ARCHITECT):

ARCHITECT'S
PROJECT NO:

CONTRACT FOR:

CONTRACT DATE:

ITEM	DESCRIPTION	SCHEDULE VALUE	PREVIOUS APPLICATIONS	COMPLETED THIS PERIOD	STORED MATERIAL	COMPLETED STORED	%	BALANCE	RETAINAGE
21	CO 5- Bsmt floor, column pads	2,479.56	2,479.56	0.00	0.00	2,479.56	100.00	0.00	247.96
22	CO 6- Revised CO 4 (difference)	4,392.64	4,392.64	0.00	0.00	4,392.64	100.00	0.00	439.26
23	CO 7- Seed and straw stockpile of dirt	1,899.05	1,899.05	0.00	0.00	1,899.05	100.00	0.00	189.91
24	CO 4- Relocate Sumps	5,932.00	5,932.00	0.00	0.00	5,932.00	100.00	0.00	593.20
25	CO 8- Gas well (PS 5)	34,956.64	34,956.64	0.00	0.00	34,956.64	100.00	0.00	3,495.66
26	CO 9- 57 limestone, premium lime, sewer spoils (COR 7,8,9)	7,503.34	7,503.34	0.00	0.00	7,503.34	100.00	0.00	750.33
27	CO 10-(COR 10)	2,211.28	0.00	2,211.28 ✓	0.00	2,211.28	100.00	0.00	221.13
REPORT TOTALS		\$472,513.16	\$455,831.88	\$16,681.28	\$0.00	\$472,513.16	100.00	\$0.00	\$47,251.31





