

### City of Fayetteville Item Review Form

**2013-0238**

**Legistar File Number**

**1/7/14**

City Council Meeting Date - Agenda Item Only  
N/A for Non-Agenda Item

**David Jurgens**

Submitted By

**Utilities**

Department

**Action Required:**

A resolution approving and accepting one grant award totaling up to \$2,800 from the Rain Garden Project to install a rain garden at the City of Fayetteville Water and Sewer Operations Facility, and approve a budget adjustment acknowledging receipt of the revenue.

Does this item have a cost?  Yes

Cost of this request

Category or Project Budget

**Water & Sewer Ops.**  
Program or Project Name

Account Number

\$2,800.00

**Water/Sewer**  
Program or Project Category

Project Number

Funds Used to Date

-\$2,800.00

**Water/Sewer**  
Fund Name

Remaining Balance

Budgeted Item?  No

Budget Adjustment Attached?  Yes

V20130812

Previous Ordinance or Resolution # \_\_\_\_\_

Original Contract Number: \_\_\_\_\_

Comments:

*Paul a. Babin* 12-19-13

*Paul a. Babin* 12-19-2013

*Don Man* 12-19-13  
*Donald Jurgens* 12/20/13



*dmw*

**RESOLUTION NO. \_\_\_\_\_**

A RESOLUTION TO APPROVE AND ACCEPT A GRANT OF UP TO \$2,800.00 TO PAY FOR THE INSTALLATION OF A RAIN GARDEN AT THE CITY WATER AND SEWER OPERATIONS FACILITY AND TO APPROVE THE ATTACHED BUDGET ADJUSTMENT

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF FAYETTEVILLE, ARKANSAS:**

Section 1: That the City Council of the City of Fayetteville, Arkansas hereby accepts the grant of up to \$2,800.00 to pay for the installation of a rain garden at the City Water and Sewer Operations Facility and approves the attached budget adjustment.

**PASSED and APPROVED** this 7th day of January 2014.

APPROVED:

ATTEST:

By: \_\_\_\_\_  
**LIONELD JORDAN, Mayor**

By: \_\_\_\_\_  
**SONDRA E. SMITH, City Clerk/Treasurer**

To: Fayetteville City Council

Thru: Mayor Lioneld Jordan  
Don Marr, Chief of Staff

From: David Jurgens, Utilities Director  
Fayetteville Water and Sewer Committee



Date: December 17, 2013

Subject: Rain Garden Project grant award up to \$2,800 to install a rain garden at the City of Fayetteville Water and Sewer Operations Facility.

## **RECOMMENDATION**

Staff recommends approving and accepting one grant award totaling up to \$2,800 from the Rain Garden Project to install a rain garden at the City of Fayetteville Water and Sewer Operations Facility, and approve a budget adjustment acknowledging receipt of the revenue.

## **BACKGROUND**

A grant application was submitted to the Rain Garden Project on September 17, 2013 proposing the installation of a rain garden at the City of Fayetteville Water and Sewer Operations Facility. Staff received an email notification from the Rain Garden Project Team awarding up to \$2,800. The Rain Garden Project is funded through Arkansas Natural Resource Commission and the USEPA in partnership with the Beaver Watershed Alliance, the Illinois River Watershed Partnership and the Beaver Water District to install 30 rain gardens each in the White River and Illinois River watersheds.

## **DISCUSSION**

The Rain Garden Project grant seeks to empower students and communities to confront local watershed concerns by implementing demonstration rain gardens in public and quasi-public properties, including schools, churches, and public institutions, within the Illinois River and Beaver Lake Watersheds; and educating the public about the numerous benefits of this alternative stormwater management approach.

The proposed City of Fayetteville Water and Sewer Operations Facility rain garden, located northeast of the facility and on the cul-de-sac will capture building and grounds runoff and enhance the area with native vegetation and educational kiosks. In that this location is also adjacent to the Saint Paul Trail, it is envisioned that as the native vegetation blooms trail users will want to walk the cul-de-sac sidewalk to see butterflies and ruby throated humming birds that frequent the area. Also, the facility is used as a regional training location, and staff from other communities within Northwest Arkansas and others from outside the region will be able to visit the rain garden during classes and events.

The grant money will be used solely to install the rain gardens by June 30, 2014 with the assistance from the Rain Garden Project team. Prior to the installation of the rain garden, Staff will redirect the flow of the facility's roof runoff to the rain garden site. The City is also obligated to maintain and monitor the rain gardens for 5 years.

## **BUDGET IMPACT**


The grant should cover most of the material costs for the installation of the rain gardens. Flow redirection and operational costs will be absorbed into the facilities maintenance costs. The budget adjustment recognizes the grant revenue.

**City of Fayetteville, Arkansas  
 Budget Adjustment Form**

<b>Budget Year</b> BY 2014	Division: Utilities Director Department: Utilities Director	<b>Request Date</b> 1/7/2014	<b>Adjustment Number</b>
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**BUDGET ADJUSTMENT DESCRIPTION / JUSTIFICATION**

A resolution approving and accepting one grant award totaling up to \$2,800 from the Rain Garden Project to install a rain garden at the City of Fayetteville Water and Sewer Operations Facility, and approve a budget adjustment acknowledging receipt of the revenue.

Prepared By  Division Head  Budget Director	CITY\kspringer 12/18/2013 3:42 PM  CITY\kspringer 12/18/2013 3:42 PM	Legistar# / Date: 2013-0238 / 1/7/2014 Legistar Title RAIN_GARDEN_GRANT_WSOPS Budget & Information Management Use Only Type: A B C D E P General Ledger Date Posted to General Ledger Checked / Verified	Initial Date Initial Date
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TOTAL BUDGET ADJUSTMENT		2,800	2,800	
		Increase / (Decrease)		
Account Name	Account Number	Expense	Revenue	Project.Sub Number
Fixed assets	5400.1840.5801.00	2,800		14012 . 1
State Grants-Capital	5400.0940.4302.00		2,800	14012 . 1
				.
				.



Water  
 Water



# Rain Garden Project Grant Application

## General Information:

Organization: CITY OF FAYETTEVILLE WATER & SEWER	
Contact Name: WILLIAM WINN	Email: WWINN@CI,FAYETTEVILLE.AR.US
Office Phone: 479-575-8386	Cell Phone: 479-601-4611
Property Address (where rain garden can be located): 2435 INDUSTRIAL	
City, State: FAYETTEVILLE AR	Zipcode: 72764
Type of Organization: School Church <u>Municipality</u> Quasi-public/Other	
How did you hear about the Rain Garden Grant? BEAVER WATERSHED ALLIANCE	
Where do you plan to locate your rain garden on the property? Example: Front entrance	
FRONT ENTRANCE	
What type of impervious service will be draining to the garden? Please circle as many as needed	
<u>Roof</u> Driveway Parking Lot Other	
Please indicate potential dates for rain garden installation:	
What materials, equipment & labor can you provide for the installation? Ex) Do you have access to mulch? Compost? Backhoe?	
BACKHOE MULCH COMPOST BIOSOLIDS FROM WWTP	
Do you have a standing water problem? Y <u>N</u>	
Do you have an erosion problem? Y <u>N</u>	
Would you allow the Rain Garden Project team to monitor water quality in the rain garden: <u>Y</u> N	
Have you attended a Rain Garden Academy? <u>Y</u> N	
Briefly describe why your organization would like a rain garden:	
NEAR TOWN BRANCH & WHITE RIVER	
WILLIAM IS ON BOARD OF BWA	
Signature: <i>William Winn</i> Date: 17 SEPT 13	

I verify that all of the information provided above is true to the best of my knowledge and understand that completion of this application does not guarantee the financial assistance of a rain garden by the NWA Rain Garden Project.

**Agreement:**

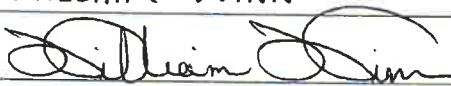
If selected as a Rain Garden Project grant recipient, your organization agrees to:

1. Attend a Rain Garden Academy in the Spring or Fall.
2. Recruit volunteers to provide labor for installation and ongoing maintenance for five years after the installation, which includes watering the rain garden 1" per week during establishment and summer months. Further recommendations for maintenance will be provided by the Rain Garden Project group.

**The Rain Garden Project Organizations will not be held responsible for plants that have died due to weather conditions or mis-care (ex. over watering). Replacement plants and mulch will be the responsibility of the Rain Garden Project participant.**

3. Submit receipts for all pre-approved material purchases within 30 days of the installation of the rain garden located on the property listed in this application.
4. Receive reimbursements from the Rain Garden Project within 90 days of installation of the rain garden located on the property listed in this application and keep a record of the reimbursement.
5. Allow Rain Garden Project technicians to monitor the rain garden.
6. Allow Rain Garden Project group to photograph or video tape rain garden installation before, during and after installation.

By providing your signature below you agree to the requirements and agreement.

Printed Name:	WILLIAM WINN
Signature:	
Date:	17 SEPT 13
For Official use Only:	

Date received: September, 20 2013

Approved:  Y  N

Received by: Becky Roark, Project Manager

Notes: To be installed by  
June 30, 2014

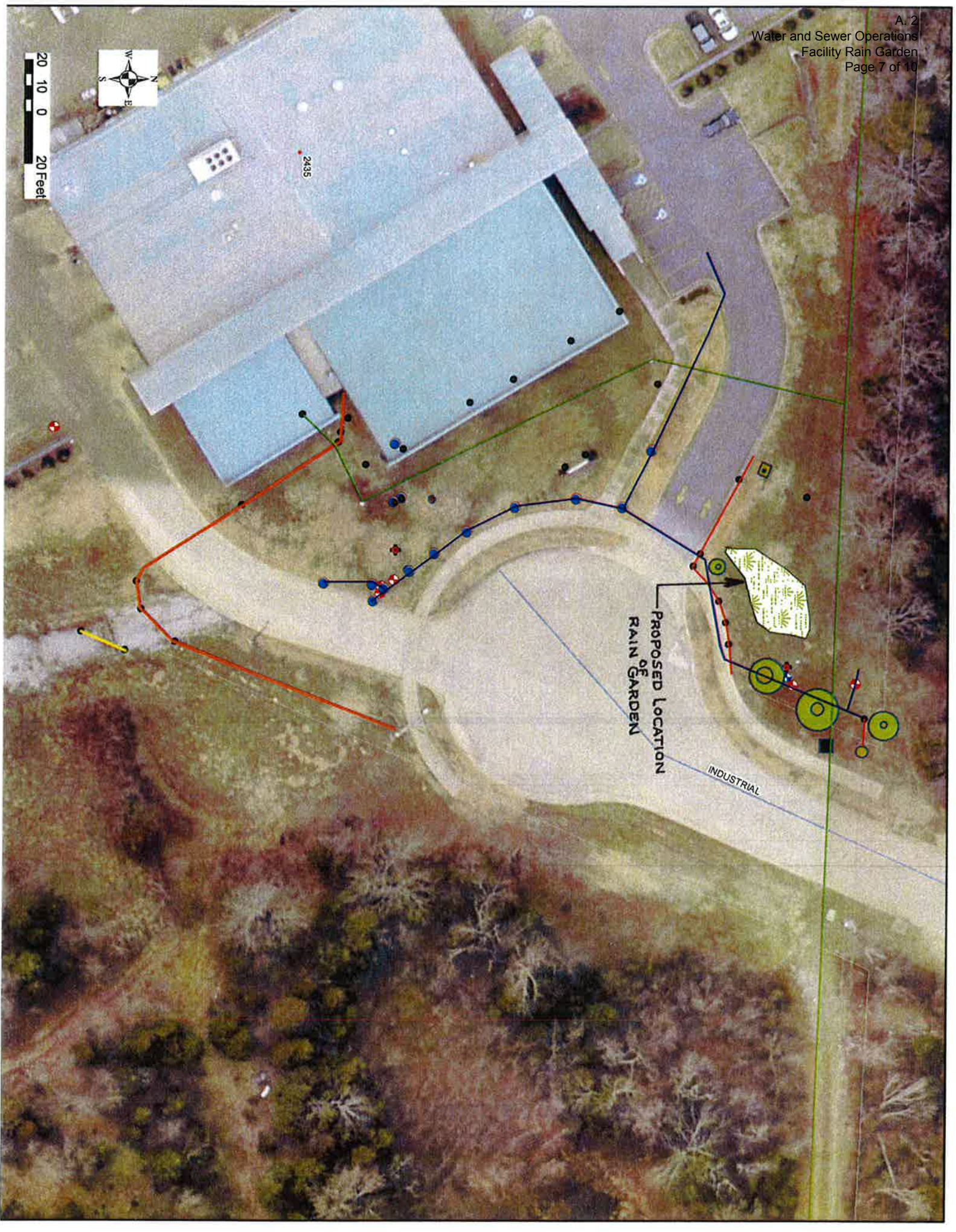
20 10 0 20 Feet



2435

PROPOSED LOCATION  
OF  
RAIN GARDEN

INDUSTRIAL



## Jurgens, David

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**From:** Becky Roark <beckyroark@irwp.org>  
**Sent:** Tuesday, October 29, 2013 4:47 PM  
**To:** Winn, William  
**Cc:** Nyander, Tim; Jurgens, David; Marr, Don; Jewsbury, Gregg; 'Jodi Nimmo'; 'Brad Hufhines'; 'John Pennington'  
**Subject:** RE: Rain Garden @ Fayetteville W&S Aerial of Ops Building (Update - 22 Oct 13)  
**Attachments:** RG Project Funding Request.pdf

Will,

Thank you so much for your time and efforts to help install a rain garden at Trinity and plan one for Water Utilities! Below is the approval letter for the grant, also, if Water Utilities would like for Beaver Watershed Alliance to fund materials up front so that there is no cost to your organization, please see attached form and directions below. Thank you!

Dear Rain Garden Project grant applicant:

Thank you for your application to participate in the Rain Garden Project funded through Arkansas Natural Resource Commission and the US EPA in partnership with the Beaver Water District and the Illinois River Watershed Partnership.

### **Congratulations! City of Fayetteville Water Utilities has been selected to receive a rain garden grant!**

The grant provided will help to cover the costs of installing a rain garden at your pre-approved location. All purchases must be pre-approved to ensure expenditures are allocated to appropriate materials and labor costs, i.e. plant purchases, excavation costs or equipment rental.

For the rain garden grant, your organization may purchase materials and be reimbursed by Beaver Water District within 90 days or your organization may request that all purchases be handled by the Beaver Watershed Alliance. If your organization would be in need of funding up front, please fill out and return the attached funding request to:

John Pennington, *Executive Director of Beaver Watershed Alliance*

614 E. Emma Ave. Suite M438  
Springdale, AR 72764

Phone: 479-970-3550

Email: [info@beaverwatershedalliance.org](mailto:info@beaverwatershedalliance.org)

Please contact Becky Roark, Rain Garden Resource Specialist, at 479-215-6623 or [beckyroark@irwp.org](mailto:beckyroark@irwp.org) to discuss your plans for implementing a rain garden at your location. If you have further questions Rain Garden Project grant, please let us know.

Thank you for your application and we look forward to working with you in installing your rain garden by June 30, 2014.

**Steps to Install a Rain Garden:**



Determine rain garden planting date: Possible Fall Dates include Nov. 15, 18, 19, 20, 21, 22

1. Determine impervious area draining to rain garden site- **Completed**
2. Calculate slope of site- **Completed**
3. Determine square footage of rain garden needed- **Becky can do this with docs supplied**
4. Conduct percolation test- **Could someone from Water Utilities conduct this?**
  - a. Dig a 12" hole with post-hole diggers, fill with water, let drain, fill again and record if water is gone within 24-48 hours.
5. Call Arkansas One Call (dial 811) and stake area with white flags to locate underground utilities- **To be completed by Will Winn**
6. Determine plants for rain garden and soil test- **Becky to design concept for rain garden**
  - a. Native plant brochure
  - b. Soil test during perc test, looking at soil profiles
7. Order materials, decide delivery area and date- **Becky can do this and coordinate with Will**
8. Excavate site at least two days prior to planting event- no volunteers or students for this (approx. 4-6 hours) – **Water Utilities**
9. Planting date for volunteers, plant rain garden and mulch (approximately 2 hours)

Sincerely,

The Rain Garden Project Team

Becky Roark, B.S.L.A.S.  
Rain Garden Resource Specialist  
Illinois River Watershed Partnership  
P.O. Box 205, Cave Springs, AR 72718  
(479) 215- 6623

[www.irwp.org](http://www.irwp.org)

Rain Gardens...Nature's Filter

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**From:** Winn, William [mailto:wwinn@fayetteville-ar.gov]  
**Sent:** Tuesday, October 22, 2013 2:00 PM  
**To:** Becky Roark  
**Cc:** Nyander, Tim; Jurgens, David; Winn, William; Marr, Don; Jewsbury, Gregg  
**Subject:** Rain Garden @ Fayetteville W&S Aerial of Ops Building (Update - 22 Oct 13)

**Becky –**

**As promised, please find attached an aerial of the Fayetteville W&S Ops Building with rooftop square footages. Gregg, as always, did a great job of putting it together for us.**

**I have locates called into Arkansas One Call and should have the utilities located by tomorrow afternoon.**

**Sorry that Ben and I could only help Sunday with the Rain Garden at TUMC and not at Tri-Cycle Farms. We had to skip out. After Saturday night in the intensive care unit, my Father-in-Law was put in Sunday for a procedure.**

I will contact you after the locates are in place and we can discuss location of the Garden at W&S in more detail.

- Will

William C. "Will" Winn, RS  
Water & Sewer Division  
Utilities Department  
City of Fayetteville  
479-575-8386  
479-684-4730 (fax)  
TDD (Telecommunications Device for the Deaf) 479-521-1316



**Know what's below.  
Call before you dig.**



**Before you print this email think about the environment**