



## **CITY OF ANTIGO**

### **PUBLIC WORKS COMMITTEE MEETING**

**MULTI-PURPOSE ROOM**

**Wednesday, October 26, 2016**

**CITY HALL**

**6:00 PM**

#### **Call to Order**

#### **Minutes Approval**

1. Public Works Committee - Regular Meeting - Sep 28, 2016 6:00 PM

#### **Discussion and Action May Occur on Any of the Following Agenda Items:**

1. Rolling Landfill Vent Installation
2. Contract for the 8th Avenue Watermain Design
3. Request for Four Way Stop Sign at Seventh Avenue and Dorr Street

#### **Any Other Matters Authorized by Law to be Considered**

#### **Adjournment**

*Upon reasonable notice, efforts will be made to accommodate disabled individuals through appropriate aids and services. For additional information, contact Jaime Horswill, 700 Edison Street, Antigo, Wisconsin 54409. (715) 623-3633 extension 100. Members of and possibly a quorum of members of other governmental bodies may be in attendance to gather information. Any governmental body other than that specifically referred to above will take no action.*

DATE MAILED: October 20,2016

JIM DARLING



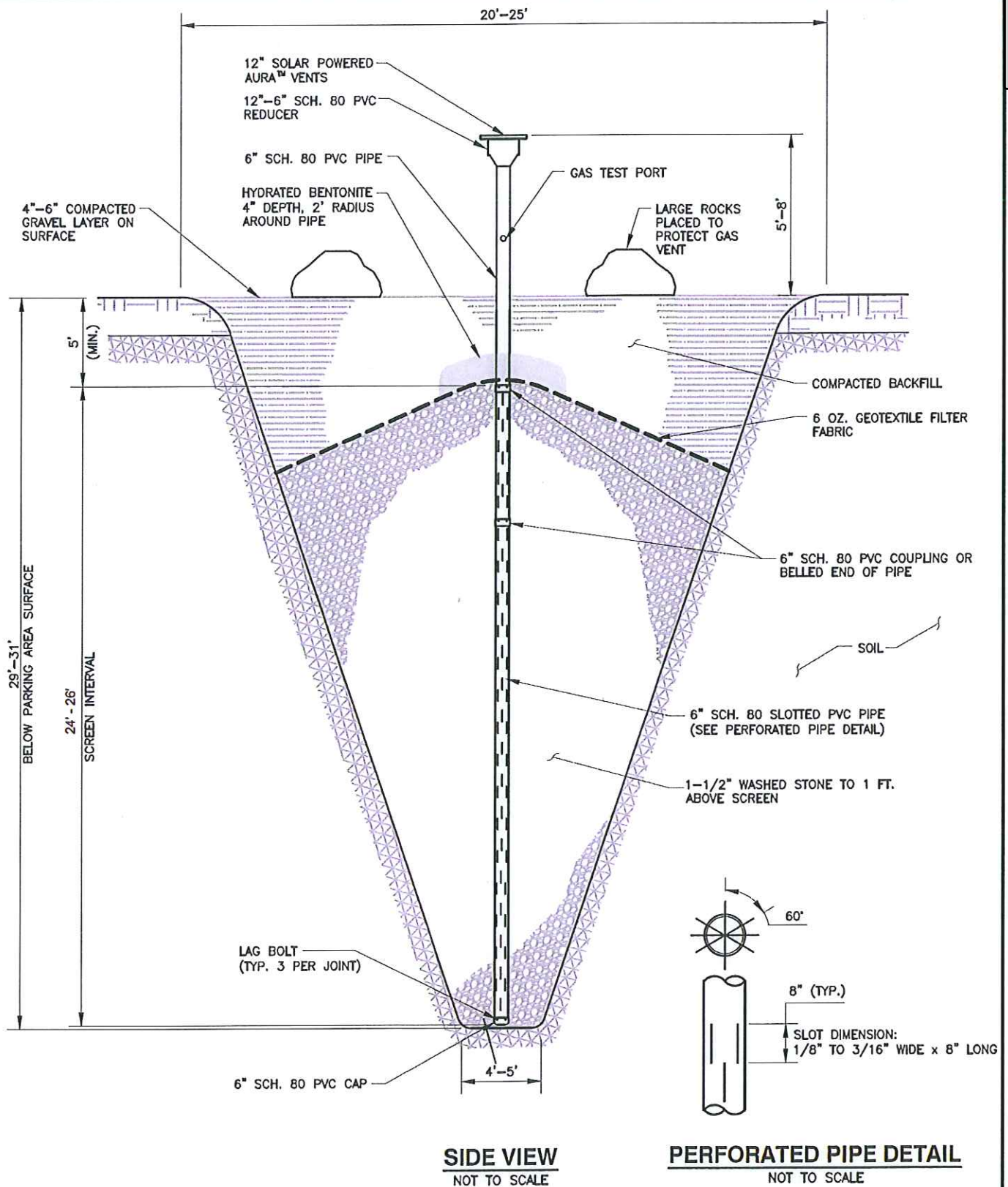
**To:** Mayor and City Council  
**From:** Charley Brinkmeier, Land Surveyor/Project Manager  
**Date:** October 26, 2016  
**Re:** Rolling Landfill Vent Installation

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The Rolling Landfill has exceeded the DNR methane gas levels in some of the wells located near the old landfill buildings. The DNR has required us to address the issue. Working with Sand Creek Consultants, our current landfill monitoring firm, and the DNR they have come up with a venting system that should mitigate the problem. If after a year of monitoring it does not, then the DNR is going to require us to install a cut off wall trench the following year. The City has already begun to purchase the needed venting material and the stone for the backfill around the vents. We are planning on utilizing the Krueger & Steinfest backhoe contract for the excavation. Sand Creek Consultants as well as City staff are going to be on site during the installation to insure the vents are installed properly and gas emissions are monitored during the construction. Our currently schedule is to complete the installation in the first part of November as weather permits.



Attachment: Landfill Methane Gas (1210 : Rolling Landfill)



F:\SCC F\CITY OF ANTIGO 2016\DRAWINGS\MASTER CITY OF ANTIGO DETAILS.DWG 0 - SEPT 12, 2016 - 09:36:45

Environmental and Geological  
Scientists and Engineers

**GAS VENT DETAIL**

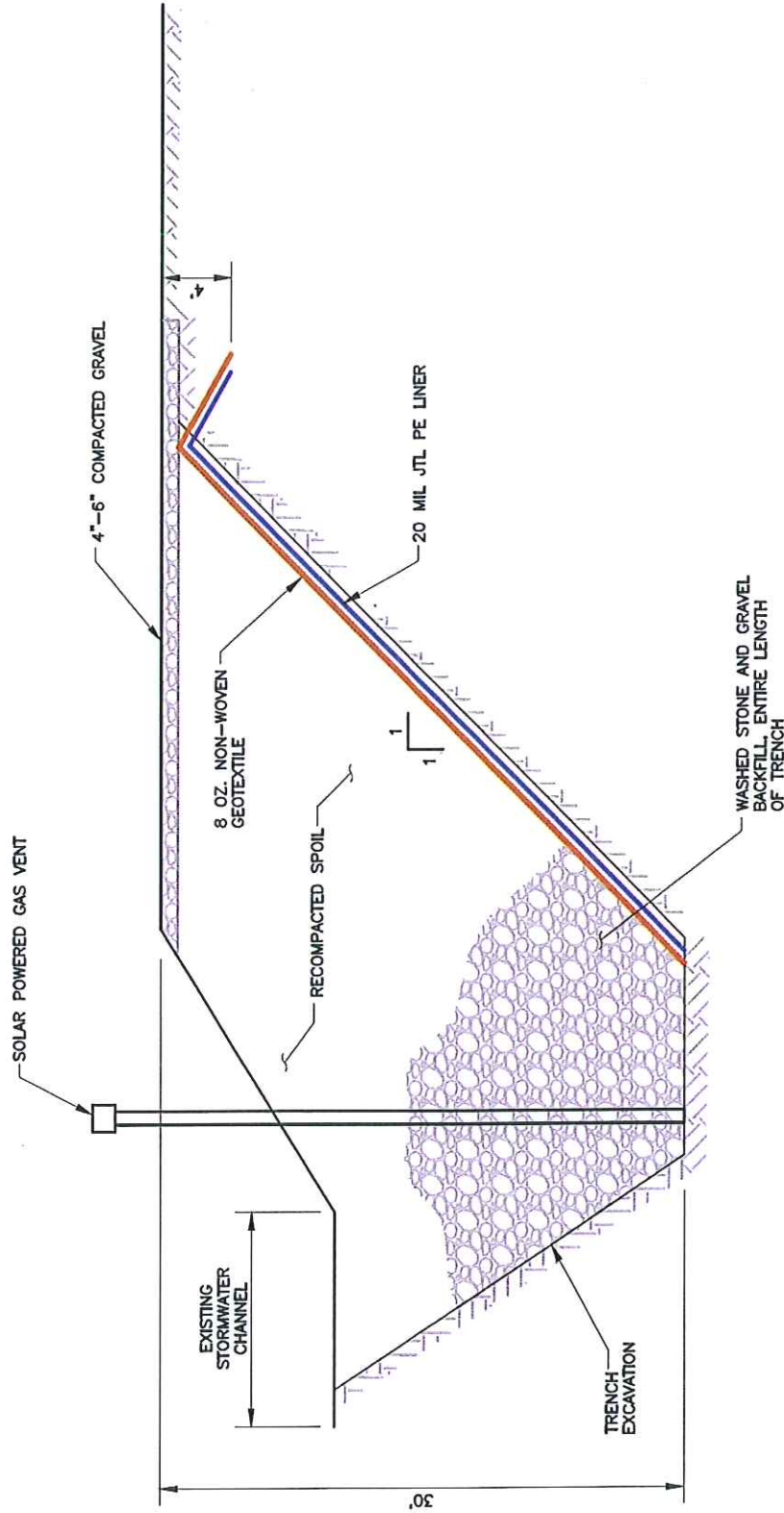
CITY OF ANTIGO ROLLING LANDFILL  
WDNR FACILITY LICENSE #1357  
LANGLADE COUNTY, WISCONSIN

DATE: SEPTEMBER 2016 DRAWN BY: KAP

SCALE: NOT TO SCALE APPROVED: BTS

**FIGURE 2**





Environmental and Geological  
Scientists and Engineers



GAS CUT-OFF WALL SIDE VIEW  
WDNR FACILITY LICENSE #1357  
CITY OF ANTIGO  
LANGLADE COUNTY, WISCONSIN

DATE: OCTOBER 2016  
SCALE: NOT TO SCALE

DRAWN BY: KAP  
APPROVED BY: BTS

FIGURE 4



**ACTIVE  
VENTILATION  
PRODUCTS INC.**

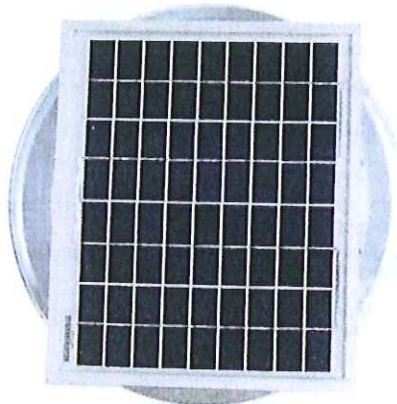
**Manufacturers of  
GREEN  
Products**



845-565-7770 • Fax: 845-562-8963 • [www.roofvents.com](http://www.roofvents.com) • [roofvent@aol.com](mailto:roofvent@aol.com)

# AURA SOLAR FAN PVC PIPE CAP

*Using both Solar and Wind Power  
to provide optimal Ventilation and Energy Saving performance*

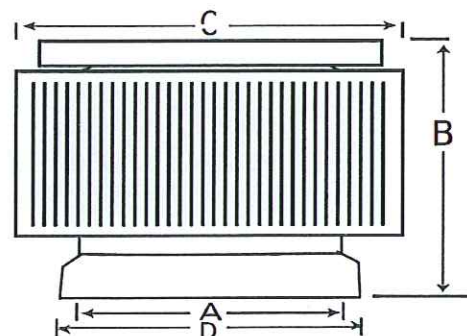


- The Aura's design draws air from the pipe
- Used to exhaust gases such as Methane/Gasoline
- Use for radon exhaust systems as a cap to protect the fan from moisture damage, and to increase exhaust
- All aluminum construction and comes with a five year warranty.

## SPECIFICATIONS & DIMENSIONS OF THE ASF-12-PVC

|                |          |
|----------------|----------|
| Solar Panel    | 10W      |
| Motor Type     | Case Fan |
| Number of Fans | 4        |
| Voltage        | 12       |
| Wattage        | 7.2      |
| CFM            | 174      |
| CFM@11mph      | 310      |
| Pitch Capacity | 7/12     |

|                 |        |
|-----------------|--------|
| A) ID           | 12"    |
| B) Head Height  | 9"     |
| C) OD           | 16"    |
| D) Bottom Width | 12.75" |
| Weight          | 3 lbs  |





**To:** Mayor and City Council  
**From:** Charley Brinkmeier, Land Surveyor/Project Manager  
**Date:** October 26, 2016  
**Re:** Contract for the 8th Avenue Watermain Design

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The 8th Avenue watermain is currently attached to the bridge deck and must be relocated prior to the bridge construction in 2018. We received proposals from MSA and Aryes for engineering services and design of the new watermain. Aryes lump sum quote was \$7,450 and MSA lump sum quote was \$7,000. We are requesting approval for the MSA proposal which would be paid out of the water utility account.



September 20, 2016

Mark Desotell PE, Director of Administrative Services  
City of Antigo  
709 Edison Street  
Antigo, WI 54409

Re: 8th Avenue Watermain

Dear Mark:

I have prepared an engineering cost proposal to complete the 8<sup>th</sup> Avenue watermain design. The Scope of Services is attached. MSA proposes to complete the design for a lump sum of \$7,000.

I look forward to working with you on this project.

Sincerely,

MSA Professional Services, Inc.

Scott Martin PE  
VP Northern Municipal

Attachment: MSA 8th Ave Proposal (1209 : 8th Ave Watermain)

*Offices in Illinois, Iowa, Minnesota, and Wisconsin*

1835 N. STEVENS STREET • RHINELANDER, WI 54501  
(715) 362-3244 • (800) 844-7854 • FAX: (715) 362-4116  
www.msa-ps.com

# CITY OF ANTIGO

## 8<sup>TH</sup> AVENUE WATERMAIN

### SCOPE OF WORK

September 20, 2016

MSA proposes to provide design services for the extension of about 450 feet of 10-inch HDPE watermain bored on 8<sup>th</sup> Avenue from Milton St under the Spring Brook to about 130 feet west of the Spring Brook. The watermain will be horizontal directional drilled for the entire distance. Receiving pits will be opened on each end where reconnection to the existing 8-inch ductile iron watermain will be made. Valves and the fire hydrant be replaced on the east end and a valve and access manhole will be added per code on the west end. The receiving pits on 8<sup>th</sup> Avenue will be restored with an asphalt patch, gravel or sand as determined in the timing of the completion of the roadway reconstruction associated with the bridge replacement project.

MSA proposes to complete the following design tasks:

- Utilize existing 2 foot contour aerial photos to prepare plan view drawings of the proposed work.
- Review the proposed design with City staff.
- Prepare plans and specifications for bidding and permit review.
- Prepare WDNR permit for watermain reconstruction for submittal and approval.
- Prepare an as designed preliminary cost estimate.
- Prepare an ad for bid, answer bid questions from bidders, attend the bid opening, prepare a bid tab and make a recommendation of the lowest responsive bidder.

Lump Sum      \$7,000

This proposal does not include soil borings, a stormwater NOI or wetland delineation as neither are anticipated to be needed.

Storm sewer and roadway reconstruction is expected to be part of the bridge reconstruction design and are not included in this proposal.

All costs for advertising shall be paid directly by the Owner.