

## **Operations Update**

Plant Operations – Plant operations and treatment were good during the month of November.

Seven Oaks Land Rental – In progress.

## **Maintenance Update**

Bio-Filter (ATAD odor control) – The odor control filter is starting to plug up. It's been a little over 5 years since refurbishing with new stone and root media. Contacted Thermal Process Systems to see if they are doing anything different with the bio-filter media. Thermal Process is using strictly the haydite stone that replaced the lava rock. They've found that the odor control is basically the same with just haydite stone and no root material. Once the root material starts breaking down it begins to restrict the airflow through the filter. In the near future the root media will be removed and some additional stone will be added. This should remedy the problem with the bio-filter air flow getting restricted for the life of the ATAD.

Received the quotes from Thermal Process Systems (attached). I recommend going with the 88 ton quote of \$30,737.52.

Peak Flow Pump #3 VFD – The drive has been installed. VFD has not been started up yet due to a delay in receiving fuses; fuses were ordered the first part of August.

DAFT Pressure Vessel Tanks – The one pressure vessel that was installed is up and running and is working great. The second pressure vessel recently was installed and will be put in service when its time to switch DAFT units.

Heating/Air Conditioning Unit Solids Building Garage – New unit on order.

Kevin Skogman  
Director of Operations & Maintenance



## Parts Quotation

December 9, 2022

Reference: Thermal Process Systems Offering No. TPS- P221209 A  
Media Replacement Options:  
HOV WWTP

Thermal Process Systems is pleased to provide the following offering per your conversation with Nathan Cook.

### Media Option 1

Item	Quantity	Cost / Item	Total Cost
Haydite Media by the Ton	66 Tons	\$349.29	\$23,053.14

### Media Option 2

Item	Quantity	Cost / Item	Total Cost
Haydite Media by the Ton	88 Tons	\$349.29	\$30,737.52

#### Notes:

- 1) All shipping charges for Media is included.
- 2) Estimated delivery is 3-4 weeks. after order received.
- 3) Coordinate shipping with Nathan Cook 219-765-7250 or Brittney Fischer 219-663-1034 x 100.
- 4) Please fill out the Plant Information form attached to proceed.

#### Work, installation, and material not included

#### Validity of Quotation

Prices are valid for Thirty (30) days from date of quotation.

#### Terms of Payment

Net thirty (30) days from date of invoice.

#### Conditions of Sale

See attached Thermal Process Systems "Terms and Conditions," which are hereby made part of this quotation.

# Kevin Skogman

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**From:** Nathan Cook <ncook@thermalprocess.com>  
**Sent:** Monday, December 12, 2022 3:14 PM  
**To:** Kevin Skogman  
**Cc:** Brittney Fischer  
**Subject:** FW: [Ext] Re: Heart of the Valley Haydite RFQ  
**Attachments:** Quotation HOV December22 Media.pdf

Kevin,

Here is the proposal for the haydite. There are two options on here, depending on how much rock you need to remove will dictate the total amount of rock we need to ship. Your biofilter depth is a little less than most of our designs and to ensure that the air has the most contact time I would suspect you will need the 88 tons if you are pulling out 6" to 12" of the current rock in your biofilter. We can start w/ the 66 tons and see where that gets us, then if you need the last load we can deliver it fairly quickly. Your call on how you want to proceed.

Regards,



## Nathan Cook

Project Manager  
Thermal Process Systems Inc

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