

**JAMES E. COX
NORTHFIELD TOWNSHIP
WATER POLLUTION CONTROL FACILITY
11500 LEMEN ROAD WHITMORE LAKE MICHIGAN
PHONE 734-449-4159 FAX 734-449-4302**

To: Northfield Township Board of Trustees

From: Dan Willis -Wastewater Treatment Plant Superintendent

Date: 7/20/17

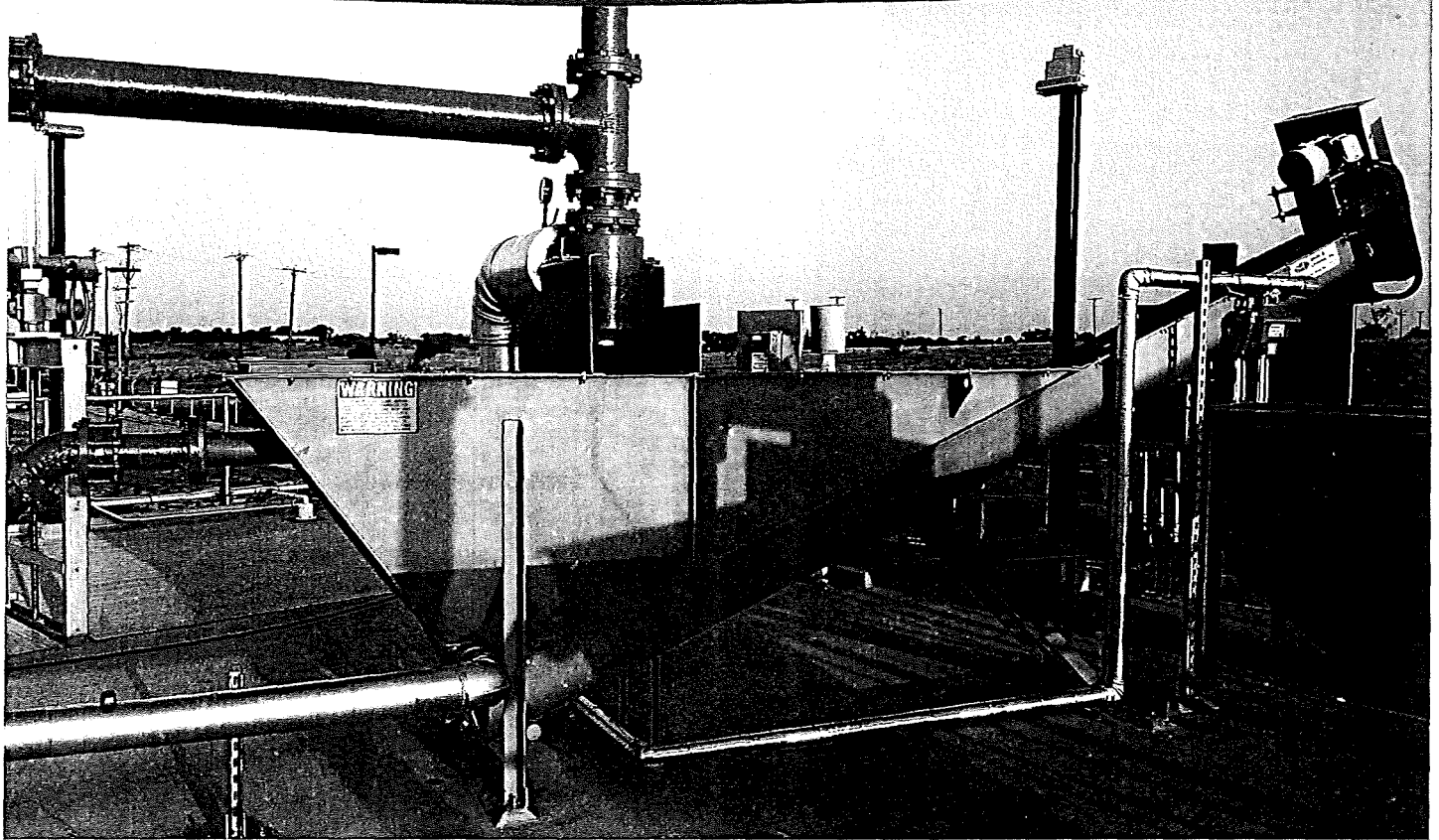
Subject: Grit Conveyor

In 1998 the Wastewater Plant underwent an expansion, and a new grit and screen process was installed. The grit removal process was installed to remove grit from the flow before entering the treatment process. The grit is removed to prevent damage to equipment and to stop it from entering various tanks. It removes approximately 2 yards of grit weekly. This equipment has worked very well for us, however it is housed in a room that is very corrosive to metal and has rusted badly. It has been patched numerous times and is currently beyond repair. This unit has been on the replace list for 3 years. We would like to replace it with a new stainless steel model that won't corrode. The original price of this unit was \$65,601.00. I received a call for a one-time offer of \$50,487.00. This offer is only good until next week. This equipment is made specifically for our plant which makes it unable to be bid out. I would like your approval for purchase of this equipment before we have a failure. It takes 13-15 weeks for delivery.

Thanks,

Dan Willis, Wastewater Supervisor

Dewatering



The dewatering **PISTA**® Grit Screw Conveyor is designed to work in concert with the complete **PISTA**® Grit Removal System, providing superb dewatering and high retention of fine grit without the burden of high maintenance. The **PISTA**® Grit Screw Conveyor boasts a sleek, compact design with a similar sleek footprint to S&L's **PISTA**® product line.

Dewatered grit discharges into attached container for disposal while the flow and residual organics* are returned to the inlet channel prior to the grit chamber. By returning organics, Smith & Loveless's design keeps odor concerns to a minimum.

**Typically 93% of the flow and 95% of the organics.*

The lamella plate design aids in the retention of fine grit while reducing turbulence and overflow.

The **PISTA**® Grit Screw Conveyor is available in 2 sizes

Model	Concentrator	Screw Diameter	Conveyor Length
Model 15 PISTA ® Grit Screw Conveyor	250 GPM / 16 LPS	9" / 230 MM	15' / 4.6 M
Model 17 PISTA ® Grit Screw Conveyor	500 GPM / 32 LPS	14" / 355 MM	17' / 5.2 M



SALES AGREEMENT

Smith & Loveless, Inc.
14040 Santa Fe Trail Drive
Lenexa, Kansas 66215-1284, USA
Phone: (913) 888-5201; Fax: (913) 748-0106

DATE: 7/20/17
PROJECT: Northfield Twp., MI
INQ #: HE-21163
EXISTING S&L SN: 03-1425

YOUR LOCAL SMITH & LOVELESS REPRESENTATIVE CONTACT INFORMATION:
SALES PERSON & CONTACT PH: Kip Koszewski-586-978-7200
REPRESENTATIVE COMPANY: HESCO
REPRESENTATIVE FAX: 586-978-2200

Equipment:

One (1) Model 15 SMITH & LOVELESS® PISTA® GRIT SCREW CONVEYOR™ constructed of 304 stainless steel, including the screw and concentrator mounting bracket.

- Drive motor to be 1 HP, 1200 RPM, 3/60/460 volt, **explosion proof**
- Screw diameter: 9", Screw length: 15'
- Anti-friction bearings at the outlet end and greasable bronze bushing at the inlet end.
- Mesh covers over the hopper and trough openings shall be provided.
- Does not include controls.
- Does not include **PISTA® GRIT CONCENTRATOR™**.

SPECIALS:

- Hinged hopper and trough covers, 14 gauge thick, constructed of 304 stainless steel. Covers linked to an explosion proof limit switch which disables the screw when the covers are opened.
- 304 stainless steel support legs.
- Ship-loose spare V-belt.
- 16 gauge belt guard constructed of 304 stainless steel
- Clamp-on type canvas extended discharge chute, approximately 4' long.

Price: ~~\$65,604~~ **\$50,487***

NOTE: ***This is a one time, limited-time discount that expires on Wednesday, July 26, 2017 at 5:00pm Central Time**

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SN: 03-1425
Location: Northfield Twp., MI

SHIPMENT: Estimated at 12 - 14 weeks from approved submittals, if submittals are required.
FUEL SURCHARGE: Any fuel surcharge assessed to Smith & Loveless, Inc. shall be passed on at cost to customer. This fuel surcharge was not included in our quote and will be in addition to the contract amount.
INSTALLATION: Smith & Loveless is supplying the aforementioned items. Owner is responsible for installation, including all inspections and/or code compliance of the installation.
DELIVERY: Shipment Upon Receipt of an approved PO or sales agreement
FREIGHT: F.O.B. Origin.
PAYMENT: All purchase orders must be made out to Smith & Loveless, Inc.
Any retrofit buy/resale orders must be pre-authorized by Smith & Loveless' After Market Div.
Payment is 100% prior to shipment via chec, OR, with continuing credit approval, 100% the earlier of net 30 days from date of shipment or at time of start up (if S&L start up is included in our quote).
TERMS: Smith & Loveless' quotation and standard terms and conditions applies to this order and no terms set forth in buyers purchase order, acknowledgment letter or verbal communication shall control unless approved in writing by the S&L Contract Department. In the event of any inconsistency between S&L's terms and conditions and buyers purchase order, S&L's terms and conditions shall govern.
TIME FRAME: *Quote is good for until Wednesday, July 26, 2017 at 5:00pm Central Time.*
EQUIPMENT: If the equipment Smith & Loveless is providing is associated with the retrofit or modification of existing equipment, field adjustments to the existing and/or new equipment may be required for correct installation. Such adjustments may include, but are not limited to, piping modifications, grouting, shimming, control panel or electrical changes, etc. Smith & Loveless is relying on information provided by the customer, the installing contractor, or others with regard to the measurement, model or part numbers, drawings, and descriptions of existing equipment in the design and manufacturing of the new equipment for this project. As a result, Smith & Loveless shall not be responsible for any problems or difficulties encountered when fitting up new equipment with existing equipment.

Agreed to this ____ day of _____, 2017. Lenexa, KS.

Agreed to this ____ day of _____, 2017 at

BUYER

SMITH & LOVELESS, INC.

By: _____
PRINT NAME

By: _____

AUTHORIZED SIGNATURE

AUTHORIZED SIGNATURE

ADDRESS

CITY, STATE, ZIP

PHONE

Is this purchase tax exempt? ___Yes ___ No

If YES, attach Sales Tax Exemption Certificate. Failure to provide tax exempt certificate prior to shipment will result in Buyer being responsible for all applicable taxes.