



Roll-Off Sludge Mate®

Designed to Dewater

The Sludge Mate® is a container filter used along with polymer to dewater various types of waste. Polymer is mixed in with the waste before it is processed through the Sludge Mate®. The filters within the Sludge Mate® retain the solids and allow the water to pass through and out the drainage ports. This discharge of clear liquid is not treated water and must be disposed of properly. Once the sludge has been dewatered for 12 to 24 hours and has passed the paint filter test, it will then be ready for disposal.



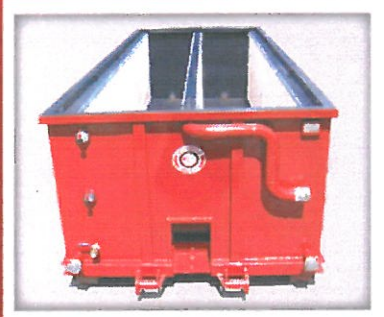
Sample Application

Beginning Waste % of Solids	Beginning Waste Volume	Processing Time	Dewatered Cake % of Solids	Dewatered Cake Volume	Volume Reduction
1 - 1.5%	10,000 Gallons	24 Hours	12-16%	1,000 Gallons (5 Cu Yards)	85 - 90%

Note: Individual application results, as well as processing capacity, may vary depending on % of solids in the sludge and sludge characteristics



Roll-Off Sludge Mates® are designed to be handled by a roll-off hoist truck. They are of rectangular design and have a filter panel on each wall and one in the center extending the length of the container. Each Roll-Off unit can be equipped with a sliding lid, a tarp, a closed roof with hatchways, or an open top. All units are offered with or without the Poly-Mate® Polymer Mixing and Injection System.



Sludge Mate® Processing Capabilities	
Sludge Mate® Size	Amount of sludge processed per day*
15 cu. yd.	15,000 gallons
20 cu. yd.	20,000 gallons
25 cu. yd.	25,000 gallons
30 cu. yd.	30,000 gallons
40 cu. yd.	40,000 gallons

**Calculations based on sludge with 1% of solids. Results may vary according to sludge characteristics.*

- Digested Sludge
- Alum Sludge
- Grease Trap Waste
- Septic Tank Waste

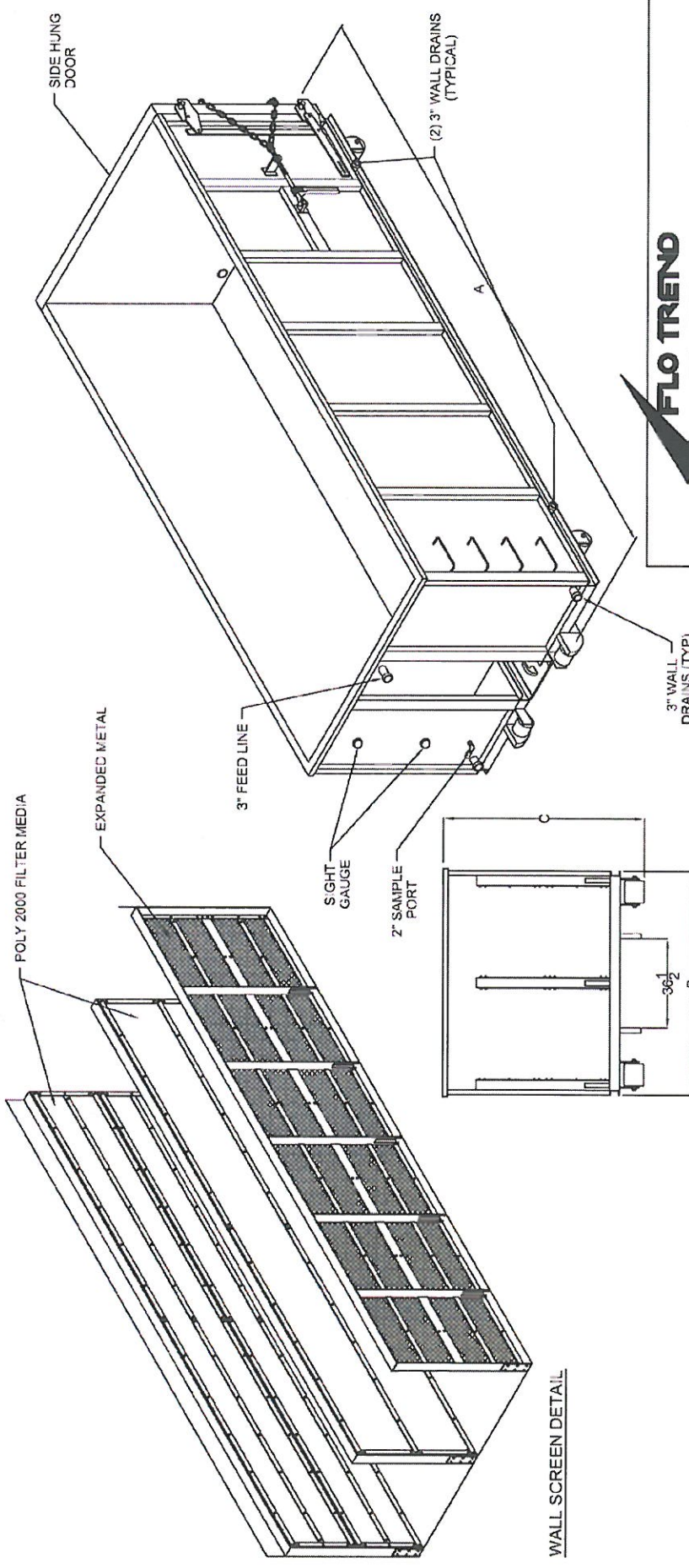


U.S. Patent Nos. 4,871,454 and 5,595,654

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MODEL	VOLUME	A	B	C	(APPRX)WEIGHT	WHEELS
SM-15	15 YD ³	12'-1"	8'-6"	5'-10 3/8"	6890 LB	9" WIDE
SM-20	20 YD ³	16'-1"	8'-6"	5'-10 3/8"	10340 LB	9" WIDE
SM-25	25 YD ³	20'-1"	8'-6"	5'-10 3/8"	11304 LB	9" WIDE
SM-30	30 YD ³	23'-1"	8'-6"	5'-10 3/8"	11680 LB	9" WIDE
SM-40	40 YD ³	23'-1"	8'-6"	7'-9 3/8"	12255 LB	9" WIDE

* NOTE:
4" CLEANOUTS (TYP)
LOWER DOOR



WALL SCREEN DETAIL

CROSS SECTION



707 LEHMAN
HOUSTON, TEXAS 77018
DRAWN BY: JM

SCALE: NONE
APPROVED BY: JM
DESCRIPTION: REVISED

DATE: 02-15-05
PRESENTATION DRAWING

TITLE: FLO TREND SYSTEMS SLUDGE GATES
DRAWING NUMBER: Sm-Spec-001

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