

# Ash Retention and Disposal Option

## Transporting Ash

Ludington to Manistee Landfill 5 times a week with approximately 7.7 tons of ash each trip.

52 miles round trip @ 7 miles/gallon of diesel for the truck = 7.4 gallons of diesel per trip. 7.4 gallons/trip @ \$4.00 per gallon = **\$29.60 per trip for fuel.**

Three hour round trip to landfill and back @ \$23.46 per hour for driver's wages and insurance. (\$18.46/hour for wages and \$5.00/hour for insurance) = **\$70.38 per trip for wages and insurance.**

Total cost = **\$99.98 per trip**

5 trips per week @ \$99.98 per trip = \$499.90                      \$499.90 / 7 = **\$71.41 per day**

\$71.41 x 140 days of operation = **\$9,997.40 annually**

## Landfill Fees

3/5/12 quote from Tom Moore with Shoreline Waste Services ((616) 437-8369) for ash disposal beginning in 2013 is \$25 per ton.    ((616) 837-8195)

5.51 tons per day @ \$25 per ton = **\$137.75 per day**

\$137.75 x 140 days of operation = **\$19,285.00 annually**

## Maintenance- Parts

**\$33,431.00 annually** / 140 days of operation = **\$238.79 per day.** This reflects the cost of replacing filter bags, bearings, and other wear items. The high-temperature and highly abrasive nature of coal ash will translate to relatively high maintenance costs for the new ash retention infrastructure. \$33,431.00 constitutes an annual reinvestment of 1.5% of the initial conversion cost for replacement parts.

## Labor

Adding one full-time AMO coalpasser/wiper position on the ship @ **\$225 per day**. Current ship's personnel are fully utilized in operating and maintaining existing equipment and machinery. As referenced above, the hot and abrasive nature of coal ash will create a high amount of maintenance. This along with the large scope of new ash retention equipment will necessitate a new crewman be added to the ship. This person will maintain and operate all of the **additional** equipment installed for ash retention (Ash Separator, Vacuum System, Valves, Piping and Containment System).

$\$225.00 \times 140 \text{ days of operation} = \mathbf{\$23,500.00}$

## Lost Revenue

Automobile and passenger revenue losses will occur on crossings where the Badger's cardeck is full to capacity and cannot take additional desired vehicles. We estimate the new ash retention infrastructure will decrease the Badger's automobile capacity by 4 vehicles. The Badger historically has averaged 3.1 passengers per vehicle throughout its season and we estimate Badger averages approximately 65 full cardeck loads per season.

**65** full cardeck loads (average) per season  $\times$  4 lost vehicle spaces = **260 vehicles**. 3.1 passengers lost per vehicle (based on historical observation) = **806 passengers**. We estimate a 25% reduction in revenue from discounts for passengers who are children and seniors.  $992 \times .75 = \mathbf{604 \text{ revenue passengers}}$

$\$74 \text{ per vehicle} \times 260 \text{ vehicles} = \mathbf{\$19,240.00 \text{ annually}}$ .

$\$74 \text{ per passenger} \times 604 \text{ revenue passengers} = \mathbf{\$44,696.00 \text{ annually}}$ .

Total Lost Revenue =  **$\$63,936.00 \text{ annually} / 140 \text{ days of operation} = \$456.68 \text{ per day}$**

## Capital

The initial conversion cost estimate is \$2,228,784.00. Additionally, a semi-truck and specialized trailer would be purchased for transportation of ash from the vessel to the disposal site. The cost estimate for the truck and trailer is \$187,184.00. Total capital cost of \$2,415,968 will cost \$547,107.60 annually for principle and interest payments at 5% interest and a 5 year amortization.

$\$547,107.60 / 140 \text{ days of operation} = \mathbf{\$3,907.91 \text{ per day}}$

## **Total Costs:**

<b>Transportation:</b>	<b>\$ 71.41 per day</b>
<b>Landfill Fees:</b>	<b>\$ 137.75 per day</b>
<b>Maintenance:</b>	<b>\$ 238.79 per day</b>
<b>Labor:</b>	<b>\$ 225.00 per day</b>
<b>Lost Revenue:</b>	<b>\$ 456.68 per day</b>
<b>Capital:</b>	<b><u>\$3907.91 per day</u> (5% interest)</b>
<b>Total:</b>	<b>\$ 5,037.54 per day</b>

**\$5,037.54 x 140 days of operation = \$705,225.60 annually**

## **Summary**

Retaining coal ash aboard the Badger and disposing of it properly on shore presents a significant challenge operationally and financially. To the best of our knowledge, this process has never been done aboard a ship before. Therefore, we do not have the advantage of learning from the experience of other installations. The projected annual cost of \$705,225.60 is based on the best available information. Given our most recent financial results and our uncertainty with the technology currently available to us for this system we believe ash retention is not currently a feasible solution.

As the economy continues to improve and the Badger moves back toward its historic annual revenues, ash retention could become a more viable option financially. Also, with more time we hope to develop a system that we have confidence in, and that is more affordable.

PETERBILT  
VMXXR036-1  
UNIT TYPE 1

CHASSIS FINAL BILL  
FOR VIN 1XPWD49X1DD181208

PAGE 001  
AS OF 02/14/12

DEALER CODE - A062  
NAME AND ADDRESS  
CLEVELAND PETERBILT, LLC  
  
8650 BROOKPARK ROAD  
  
BROOKLYN OH 44129

CUSTOMER NO - C029  
STOCK

DATES  
REQ DELV 02/06/12  
  
DELIVERY 02/14/12  
PRIC EFF 02/14/12

THE FOLLOWING LIST DESCRIBES ALL COMPONENTS USED FOR THIS CHASSIS  
DIMENSIONS AND WEIGHTS FOR THE ENTIRE ORDER ARE STATED IN CUSTOMARY.

APPLICATION

COMMODITY HAULED 0091070 CONSTRUCTION MATERIALS

INTENDED SERVICE 0093170 GENERAL FREIGHT

BODY LENGTH .00 IN BODY HEIGHT .00 IN  
MAX LADEN WEIGHT .00 LBS

TRAILER

TRAILER TYPE 0096060 FLATBED

TRAILER LENGTH 45.00 FT TRAILER HEIGHT 13.50 FT  
KINGPIN 18.00 IN CTR LINE AXLE GRP .00 IN  
CORNER RADIUS 1.00 IN NO TRAILER AXLES 02

OPERATING AREA RESTRICTIONS

LENGTH 65.00 FT WIDTH 102.00 IN HEIGHT 13.50 FT

CHASSIS

FRONT AXLE LOAD 12000.00 LBS REAR AXLE LOAD 38000.00 LBS GCW 80000.00 LBS  
WHEELBASE 200.00 IN FAX/BOC 92.80 IN CAB/AXLE 107.20 IN  
CAB/EOF 163.20 IN MAXIMUM GRADE 06 PERCENT HIGHWAY 100  
‡ CLASS B 000  
‡ CLASS C 000  
‡ CLASS D 000

*128,294<sup>00</sup> INC. Feb.*

UNIT TYPE 1

CODE	DESCRIPTION	PUB CD	PRICE	WEIGHT
BASE MODEL				
0003881	MODEL 388 CONVENTIONAL	P	145,376	15,141
FRAME AND EQUIPMENT				
0515030	10-5/8" STEEL RAILS TO 285" 5/16" RAIL THICKNESS	P	0	0
0611790	ALUMINUM FRAME RAIL CROSSMEMBERS IPO STEEL	P	164	60-
0644000	EOP TRACTOR TAPERED WITH XMBR	P	0	0
0651010	PBILT RR MUDFLAPS,PBILT HANGER STRAIGHT	P	0	0
0651220	FURNISH MUDFLAP HNGRS ONLY OMIT FLAPS MUDFLAP/HANGER OPTION REQUIRED	P	19-	0
0671020	PETERBILT STAINLESS STEEL QTR FENDERS	P	288	35
0835860	HOLLAND FW35 FIFTH WHEEL TOP PLATE	P	1,979	240
0870000	REAR OR FIXD SETTING BHD C/L BOGIE 000.			
0890090	LH FIFTH WHEEL RELEASE	P	0	0
0890550	7.6"-8" FIFTH WHEEL HEIGHT	P	0	95
0890590	20", 24", OR 24.5" AIR SLIDE FOR FIFTH WHEEL	P	67	216
0890641	LIGHTWEIGHT AIR SLIDE	P	0	0
0960000	FRAME MTD DECK PLATE & ACCESS PKG, LH SIDE	P	435	42
FRONT AXLE AND EQUIPMENT				
1011280	DANA SPICER E1202I 12,000 LB	P	0	0
1111190	TAPER LEAF SPRINGS, SHOCKS 12,000 LB	P	0	0
1233030	POWER STEERING TRW TAS65	P	0	0
1250180	POWER STEERING RESERVOIR, FRAME MOUNTED	P	0	0
1353500	PHP10 ALUMINUM LMS HUBS USE WITH FRONT AXLE	P	0	0
1380240	DANA SPICER WIDE TRACK IPO STD FRONT AXLE(S)	P	29	4
1380290	AIR DISC FRONT BRAKES	P	0	0
1391380	10 MM FRONT SPRING SPACER BLOCKS	U	0	0
REAR AXLE AND EQUIPMENT				
1523300	DANA SPICER DSP41 40,000 LB	P	167	35
1616220	PHP10 ALUMINUM LMS HUBS	P	0	0
1632650	LONG STROKE PARKING BRAKES DRIVE AXLE(S)	P	0	0
1671040	DIFF LOCK REAR-REAR OR SINGLE DRV AXLE	P	947	24
1680490	GUSSETED CAM BRACKETS, DRIVE AXLE(S)	P	47	2
1680520	REAR BRAKE CAMSHAFT REINFORCEMENT W/EXTENDED CAM TUBES **ENGR USE ONLY**	U	90	9
1682420	ISO 3731 CONNECTOR TRAILER ABS POWER MTD ADJACENT TO TRAILER SOCKET(S)	P	149	9
1682430	ANTI-LOCK BRAKING SYSTEM (ABS) 4S4M	P	0	0
1684200	SYNTHETIC AXLE LUBRICANT ALL AXLES	P	0	0
1687010	BENDIX AIR CAM REAR DRUM BRAKES 16.5X7	P	0	0
1703550	RATIO 3.55 REAR AXLE	P	.0	0

UNIT TYPE 1

CODE	DESCRIPTION	PUB CD	PRICE	WEIGHT
1821900	PETERBILT FLEX AIR 38,000 LBS	P	1,128	165-
1922260	52IN AS, ALUMINUM SUSPENSION XMBRS DASH MTD DUMP VALVE, INDICATOR LIGHT USE WITH AIR SUSPENSION	P	42	2
ENGINE AND ENGINE EQUIPMENT				
2059882	ISX15 500/2100 1850@1200 (2010 EMISSIONS)	P	3,635	295
N2030	P029 NO...IDLE SHUTDOWN ENABLE			
N2038	P001 65...MAX SPEED IN TOP GEAR			
N2040	P059 65...MAXIMUM CRUISE SPEED			
N2044	P030 5...IDLE SHUTDOWN TIMER			
2140220	CARB ENGINE IDLING COMPLIANCE DECLINED BY DEALER/CUSTOMER	P	0	0
2513760	PACCAR 130 AMP ALTERNATOR, BRUSHLESS VOLTAGE REGULATOR	P	0	0
2521090	IMMERSION TYPE PRE-HEATER 110-120V	P	139	2
2522050	PACCAR STARTER 12V	P	0	0
2535040	3 OPTIMA DT31T BATTERIES 2700 CCA	P	516	7
2539410	BATTERY JUMPER TERMINAL MTD UNDRR HOOD LH FRAME RAIL	P	117	4
2621000	2-SPEED FAN CLUTCH FOR FREQUENT START/STOPS	P	287	0
2723210	18.7 CFM AIR COMPRESSOR	P	37	0
2812170	INTEBRAKE ISX/ISX15 (FURNISHED ON ENGINE)	P	0	0
2922040	PACCAR FUEL FILTER, UNHEATED	P	0	0
3010400	ENGINE PROTECTION SHUTDOWN W/DASH LABEL (LABEL N/A PX ENGINES)	P	10	0
3114270	HIGH EFFICIENCY COOLING SYSTEM	P	0	0
3212020	(2) 15" SS AIR CLEANERS,COWL MTD,SS CAP SS GRILL, INTEGRAL R-GARD	P	1,317	60
3365090	EXHAUST DUAL SIDE OF CAB DPF/SCR RH UNDER CAB	P	819	130
3381770	CURVED TIP STANDPIPE(S)	P	47	0
3387890	36" HT, 5" DIA STANDPIPE(S) CHROME WITH CLEAR COAT	P	48	4
TRANSMISSION AND CLUTCH				
4022200	FULLER RTLO18918B 18 SPEED WATER-TO-OIL COOLER, INTERNAL PUMP	P	3,136	183
4210950	SPL250HD-XL DRIVELINE W/O MIDSHIP BRG	P	399	20
4216330	SPL170-XL DRIVELINE INTERAXLE FOR TANDEM REAR AXLES	P	165	49
4250790	ALUM BELL HOUSING IPO IRON FULLER TRANS-1400/1500/1600/1800/2000	P	63	53-
4380270	REMOTE LUBE HOSES FOR CLUTCH LINKAGE, RELEASE BRG AND CROSS SHAFTS-MTD TO LH	P	232	7
AIR AND TRAILER EQUIPMENT				
4510750	BENDIX AD-1S AIR DRYER W/HTR	P	0	0

UNIT TYPE 1

CODE	DESCRIPTION	PUB CD	PRICE	WEIGHT
4520420	BERG PULL CORDS - ALL AIR TANKS	P	6	0
4540420	NYLON CHASSIS HOSE	P	0	0
4543320	STEEL PAINTED AIR TANKS	P	0	0
4543330	POLISH ALUM AIR TANKS OUTSIDE FRM RAILS	P	236	44-
4543390	HIGH MOUNT AIR TANKS LOCATED BOC/BOS WHERE POSSIBLE	P	0	0
4610320	SLIDE BAR HOSE TENDER	P	40	4
4611140	12' COILED AIR LINES & 12' COILED ELEC CABLE W/ 2 7-WAY PLUGS + 3-4' STRT SEC	P	168	9
4612800	TRAILER HAND VALVE	P	0	0
4614810	A&E CONNECTIONS BOC/BOS W/ HOSE TENNA	P	0	0
4620080	7TH WIRE OF 7-WIRE CABLE NOT AT ALL TIMES W/ABS	P	36	0
TIRES AND WHEELS				
5032510	FF: GY 14 PLY 11R22.5 G661 HSA PART: GY11R225GG661HSA FET: 50	P	115-	31
5132490	RR: GY 16 PLY 11R22.5 G182 RSD PART: GY11R225HG182RSD FET: 232	P	592	176
5190008	CODE-REAR TIRE QTY 08.			
5221740	FF: ALCOA 883677 LVL1 22.5X8.25 ALM WHL	P	388	60-
5321740	RR: ALCOA 883677 LVL1 22.5X8.25 ALM WHL	P	1,552	204-
5390008	CODE-REAR RIM QTY 08.			
5407640	FF: POLISH WHEELS W/O CHROME WHL NUTS FOR USE WITH SINGLE OR TANDEM STEER	P	67	0
5407660	RR: POLISH WHEELS W/O CHROME WHL NUTS TANDEM DRIVE	P	269	0
FUEL TANKS				
5554250	26" ALUM 120 GAL FUEL TANK LH U/C INCLUDES NON-SLIP FUEL TANK STEP LH U/C LOCATION LH UNDER CAB 120 GAL.	P	434	37
5602120	FUEL COOLER	P	226	15
5650490	POLISH (1) NON-SLIP FUEL TANK STEP U/C TANK ONLY	P	26	0
5650810	POLISH (1) ALUMINUM FUEL TANK	P	255	0
5652830	POLISH ALL FUEL / HYDR / DEF TANK STRAP	P	62	0
5652880	DEF TANK MOUNTED RH BOC	P	0	0
5653000	POLISHED SS COVER FOR DEF TANK	P	270	0
5655019	DEF TANK SMALL	P	0	0
5760010	RH TANK NONE FURNISHED	P	470-	86-
BATTERY BOX AND BUMPER				
6010390	OMIT STD BATTERY BOX USE W/PASS SEAT/IN-CAB BAT BOX CODES	P	0	0
6030540	POLISHING BATTERY/TOOL BOX(S) DPF CAB ENTRY, COMPLETE	P	351	0
6040550	DPF CAB ENTRY ALUMINUM NON-SLIP STEP RH U/C	P	0	0
6122910	STEEL TEXAS STYLE BUMPER CHROMED W/2 TOW PINS	P	232	55-

UNIT TYPE 1

CODE	DESCRIPTION	PUB CD	PRICE	WEIGHT
CAB AND EQUIPMENT				
6510140	ALUMINUM CAB, 123" BBC ALUM HOOD SFPA W/POLISHED CROWN & SPRING TILT ASSIST	P	0	0
6540160	THERMAL INSULATION PACKAGE IN CAB	P	32	2
6911710	PETERBILT PREMIUM ULTRARIDE DRIVER SEAT	P	294	4
6921700	PETERBILT ULTRARIDE PASSENGER SEAT	P	0	0
6930500	DRIVERS ARMREST - RH ONLY	P	31	2
6930800	BLACK SEAT COLOR IPO STD COLOR	P	0	0
6939070	MOUNTED ON IN-CAB BATTERY BOX FOR USE WITH NON-AIR PASS SEATS ONLY	P	438	40
6939400	AIR RIDE DRIVER	P	0	0
6939420	HIGH BACK DRIVER	P	0	0
6939460	FABRIC DRIVER	P	30	0
6939520	HIGH BACK PASSENGER	P	0	0
6939560	FABRIC PASSENGER	P	25	0
7001520	ADJUSTABLE STEERING COLUMN TILT/TELESCOPE	P	435	11
7039060	PRESTIGE INTERIOR - SAHARAN TAN	P	491	22
7210390	CAB REAR CORNER WINDOWS - STD TINT	P	536	2
7210400	DAY CAB REAR WINDOW	P	0	0
7210420	DARK WINDOW TINT IPO STD - DAY CAB	P	22	0
7210430	EXTENDED REAR WINDOW IPO STD - DAY CAB	P	70	0
7230350	TWO-PIECE FLAT WINDSHIELD	P	0	0
7230680	POWER LIFT WINDOWS BOTH DOORS FOR PROBILT OR PRESTIGE INTERIORS ONLY	P	60	0
7322010	COMBO FRESH AIR HEATER/AIR CONDITIONER	P	0	0
7410040	OUTSIDE SUNVISOR STNLS STEEL	P	124	4
7511010	STNLS STL MIRRORS 7"X16" W/HEAT ELEMENT	P	67	2
7560850	(2) CONVEX 8" SS MIRROR CENTER MTD UNDER MIRROR BRKT	P	0	0
7620580	(2) AIR HORNS RECT 26" CHROMED INC SNOW SHIELDS W/PB LOGO	P	102	4
7725380	CONCERTCLASS AUDIO SYSTEM W/ CD	P	474	2
7748140	CB TERMINALS/WIRING MTD UNDER HEADER	P	30	0
7748500	CB ANTENNA BRKT MTD LH MIRROR	P	49	0
7748510	CB ANTENNA BRKT MTD RH MIRROR	P	49	0
7748650	RAMI MULTIBAND ANTENNA SYSTEM - DUAL INCLUDES (2) 48" ANTENNAS	P	108	4
7749110	MOUNT CB SPEAKER LH REAR CORNER CAB HEADLINER	P	32	2
7850210	PLUG-IN AUTO RESET CIRCUIT BRKR IPO FUSES IN JUNCTION BOX	P	39	0
7851040	REMOVABLE BUGSCREEN BEHIND GRILLE	P	68	2
7851480	PB ELEC WINDSHIELD WIPERS W/INTERMITTENT FEATURE	P	0	0
7851970	UNIBILT CAB AIR SUSPENSION	P	553	11
7900090	TRIANGLE REFLECTOR KIT SHIP LOOSE	P	18	13
7900270	5 LB 3A140BC FIRE EXTINGUISHER CAB MTD	P	58	9
8011100	TRANS TEMP GAUGE MAIN	P	67	0

UNIT TYPE 1

CODE	DESCRIPTION	PUB CD	PRICE	WEIGHT
8011390	OIL TEMP GAUGE ENGINE	P	50	0
8021010	AIR APPLICATION GAUGE	P	90	0
8021380	AIR RESTRICTION INDICATOR-FILTERMINDER MTD ON AIR CLEANER OR INTAKE PIPING	P	0	0
8071020	MANIFOLD PRESSURE GAUGE	P	35	2
8071280	SUSPENSION PRESSURE GAUGE	P	72	2
8071340	BRIGHT BEZEL GAUGES IPO BLACK	P	119	0
8071750	(2) DUMP SWITCHES - BTM DUMP TRAILER WIRED TO BERG 4-WAY SOCKET AT BOC/BOS	P	161	0
8071870	MAIN INSTRUMENTATION PANEL W/ GRAPHICS DISPLAY	P	0	0
8072910	UP TO 6 ADDITIONAL ROCKER SWITCHES IN D PANEL	P	115	0
8111140	PROJECTOR MODULE POD HEADLIGHTS W/INTEGRAL TURN SIGNALS	P	0	0
8120980	MARKER LIGHTS (5) AERO LED	P	0	0
8133110	SWITCH & WIRING F/O AUX LIGHT UNDER CAB/SLPR (15A MAX)	P	60	0
8133120	SWITCH & WIRING F/O AUX LIGHT ON DUAL AIR CLEANERS	P	95	0
8140350	TRUCKLITE 44030R2 LED STOP/TURN/TAIL 40204 BACKUP, BRKT MTD LH/RH EOF	P	115	2
8151130	LOAD LIGHTS (2) FLUSH MTD LOW INBOARD (A)	P	83	4
PAINT				
8500710	STANDARD PAINT COLOR SELECTION	P	200-	0
8530770	(1) COLOR DUPONT TWO STAGE PAINT CAB/HOOD	P	0	0
N8502	1 - L3781EB VIPER RED - S			
N8520	FRAME N0001EA BLACK			
N8530	WHBEL ALUM			
MISCELLANEOUS				
9409001	DAY CAB / PRESTIGE INTERIOR (DM)	P	0	0
9490094	ADDITIONAL CONTACT	U	0	0
N9996	SALESPERSON ID:			
N9997	DEALER CONTACT			
N9998	NAME: ID:			
N9999	TSM 12/20/11 OC003			



**CERTIFICATE OF ORIGIN FOR A VEHICLE**



A PACCAR COMPANY  
**PETERBILT MOTORS COMPANY**

DATE	FEBRUARY 14, 2012	INVOICE NO.	N/A
VEHICLE IDENTIFICATION NO.	1XPWD49X1DD181208	YEAR	2013
BODY TYPE	TRACTOR	MAKE	PETERBILT
HP. (S.A.E)	500.0	SHIPPING WEIGHT	16,087 LB
G.V.W.R	50,000 LB	SERIES OR MODEL	MODEL 388
NO. CYLS.	6		

I, the undersigned authorized representative of the company, firm or corporation named below, hereby certify that the new vehicle described above is the property of the said company, firm or corporation and is transferred on the above date and under the invoice Number indicated to the following distributor or dealer.

A062  
CLEVELAND PETERBILT LLC  
8650 BROOKPARK ROAD  
BROOKLYN OH 44129

It is further certified that this was the first transfer of such new vehicle in ordinary trade and commerce.

PETERBILT MOTORS COMPANY

BY:   
(SIGNATURE OF AUTHORIZED REPRESENTATIVE) (AGENT)

PE734361

DENTON, TEXAS

CITY-STATE



# GENESIS FRAME DUMP TRAILER

SCHEDULE DATE: \_\_\_\_\_

CUSTOMER: AARON - LAKE MI

DATE: 4/4/2012

SERIAL #

PAC

### BODY SPECIFICATIONS

Length	28'	Tarp	MT. TARP	Body	
Width	96" INBOARD	Bow Holders	NONE	Accessories	NONE
Side Height	60" SOLID	Tarp Bows	STANDARD		
Top Rail	4-1/2"	Tarp Basket	NONE		
Side Mat'l-front	24' - .100 WALL	Tarp Hooks	NONE		
-middle	XXX	Bulkhead Mat'l	3/16"		TAILGATE
-rear	4' - .180 WALL	Bulkhead	KEEP AS LOW AS POSSIBLE	Height	FULL - GENESIS
Side Options	NONE	Options	NONE	Mat'l Thkness	.140 WALL
Floor Mat'l	1/4"	Body Fenders	6"	Slope	2-3/4"
	1/2 X 10' ASPHALT LINER	Ladders (Out)	LAST PANEL D/S	Hinges	OVERSLUNG
Crsmbr Spacing	12"		NONE ON BULKHEAD	Side Swing	INTERN-GRD CONTROL
		Inside	LAST PANEL D/S	Gateseal	RUBBER
Floor Options	STUB LONGITUDINALS	Shovel Hgr	NONE	Safety Latch	ONE EACH SIDE
Tailgate Control	AIR / FRAME + AIR CC (1)(2)	Light Panel	FULL - LED	Coal/Grain Door	12"
Body Pkg	NONE	Marker Lights	LED - 3 PR BOTTOM	Coal Chute	NONE
Options		MMTS	BELOW RAIL - LED	Gate Options	NOTE (2)
Vibrator	NONE	Apron	NONE		
Mudflaps	STD + ACROSS CHASSIS REAR				

### CHASSIS SPECIFICATIONS

Model	TANDEM	ABS	4S / 2M	Tire Carrier	NONE
Beam Mat'l	ALUMINUM			Landing Gear	2 SPEED JOST A440
Length	28'	Independ. Susp(s)		Chassis Lights	NONE
Width	96"		NONE	Elec Coupler	7 WAY
Hoist	85-235 (3)	Distance:		Hyd Tank	NONE
Chassis Neck	STD	From:		Hyd Hose Fitting	WINGNUT
King Pin Setting	18"	Controls		Hyd Hose Length	108"
5th Whl Plate	5/16"	Location		Tow Hooks	NONE
5th Whl Ht	49"	Axle(s)		Paint	BLACK
Overhang	6"	Accessories			NONE
Rear Axle Setting	21-1/2"	Brakes		Chassis	
K/P To Rear Axle	296-1/2"	Drums		Options:	
Suspension	AAT30K / E2-1	Hubs			MUDFLAP ON CHASSIS
Susp Control	FRAME SWITCH+AIR CC (1)	Wheels			
Susp Spacing	52"	Tires			
Susp Options	NONE				
Springs	AIR				
Axles	TP SPINDLES				
Accessories	NOTE				
Brakes	16-1/2" x 7"				
Drums	CAST				
Hubs	10 STUD LW STEEL - PILOT				
Wheels	22.5 8-ALUM				
Tires	11R 22.5 R196				

### REMARKS:

1. SEPARATE SWITCHES ON FRAME FOR GATE & SUSP + SINGLE AIRLINE TO FRONT FOR C.C. TO OPEN GATE & SUSPENSION DUMP TOGETHER
2. REMOTE GREASE FITTINGS FOR HARDWARE BAR-MOUNT ON RECESSED ANGLE D/S.
3. REMOTE GREASE FITTING FOR BOTTOM HOIST PIN TO FRONT CROSSMEMBER D/S.

\*\*\*\*\*\$58,900 (F.O.B RANDOLPH,OH) FET INCLUDED \*\*\*\*\*

SALESPERSON: PAUL

WEIGHT: 10,355