



PRODUCT ENVIRONMENTAL PROFILE



DEPM 4322 Tango Pump Series

TORONTO

+1 416 755 2291

BUFFALO

+1 716 693 8813

DROITWICH SPA

+44 8444 145 145

MANCHESTER

+44 8444 145 145

BANGALORE

+91 80 6510 3555

SHANGHAI

+86 21 5237 0909

BEIJING

+86 21 5237 0909

SÃO PAULO

+55 11 4785 1330

LYON

+33 4 20 10 26 21

DUBAI

+971 4 887 6775

JIMBOLIA

+40 256 360 030

FRANKFURT

+49 6173 999 77 55

4322-1205-000.7, 4322-1205-001.0, 4322-1205-001.5, 4322-1505-001.5, 4322-1205-002.0, 4322-1505-002.0, 4322-0205-001.5, 4322-0205H-001.5, 4322-0205-002.0, 4322-0205H-002.0, 4322-2505-001.5, 4322-2505-002.0, 4322-1205-003.0, 4322-1505-003.0, 4322-0205-003.0, 4322-1505-005.0, 4322-2505-003.0, 4322-0205-005.0, 4322-0305-003.0, 4322-0205-007.5, 4322-2505-005.0, 4322-0305-005.0, 4322-2505-007.5, 4322-0305-007.5, 4322-0205-010.0, 4322-0305-010.0

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1. General Information

1.1. Commercial reference of the Reference Product

Reference product:	4322-1505-005.0
Nominal capacity of the device:	3.68 kW
Options considered:	None
Product family:	Pump
Product category:	Electrical, Electronic and HVAC-R Products
References covered:	4322-1205-000.7
	4322-1205-001.0
	4322-1205-001.5
	4322-1505-001.5
	4322-1205-002.0
	4322-1505-002.0
	4322-0205-001.5
	4322-0205H-001.5
	4322-0205-002.0
	4322-0205H-002.0
	4322-2505-001.5
	4322-2505-002.0
	4322-1205-003.0
	4322-1505-003.0
	4322-0205-003.0
	4322-1505-005.0
	4322-2505-003.0
	4322-0205-005.0
	4322-0305-003.0
	4322-0205-007.5
	4322-2505-005.0
	4322-0305-005.0
	4322-2505-007.5
	4322-0305-007.5
	4322-0205-010.0
	4322-0305-010.0

1.2. Declared Unit

The Declared Unit is 1 piece of DEPM 4322-1505-005.0 Tango Pump. The DEPM 4322-1505-005 Tango Pump is manufactured by Armstrong Fluid Technology at the Toronto, Ontario, Canada plant. The parts come from various geographical locations including India, China, Canada, US and Italy. 20 years is the Reference Lifetime (RLT).

Additional Information

The environmental impacts are calculated using a Life Cycle Analysis of the product in accordance with ISO standards 14040 and 14044. All the stages of the manufacture, distribution, installation (packaging end of life), maintenance, and end of life of the product are included in this study.

1.3. Manufacturing Stage

The Life Cycle Analysis on which this Product Environmental Profile (PEP) is based was conducted with respect to the criteria set by PCR-ed4-EN-2021 09 06 for the PEP ecopassport® program.

The environmental analysis was conducted for the whole of the following life cycle: production, distribution, installation, use, and end of life. The following environmental declaration conforms to the cut rule that stipulates a precision of +/- 5% on the mass of the modelled product.

Production

The product is manufactured in Canada at the Armstrong Fluid Technology production plant in Toronto, which implements an ISO 14001-certified environmental management system. The manufacturing site has also obtained ISO 9001 and ISO 45001 certification.

The range of products manufactured by Armstrong Fluid Technology comply with the requirements of the RoHS Directive 2015/863/UE of 31 March 2015 and 2011/65/EU of 8 June 2011 and the REACH regulation 1907/2006 of 18 December 2006. Armstrong's suppliers are obliged to inform them of any change in the composition of the components. During the manufacturing phase, a procurement scenario is taken into account; information on the provenance of the components has been gathered from the purchasing department. The parts come from various geographical locations including India, China, Canada, USA and Italy.

Energy Model

Electricity Mix; Low voltage; 2025; Canada.

1.4. Distribution

Transportation from the production plant (gate) to the installation site is by lorry and is defined based on the sales data. We have used a north-east region of USA city to represent the average shipping distance to a customer site which is at the mid-point between the furthest customer site and the nearest customer site. The transport distance for this typical scenario is 757 km. for local/domestic transport by lorry.

1.5. Installation

The installation stage requires a forklift truck and a jib crane to move the product into place. Installation operations are required for the products in this range. Processing of the packaging and connection to the hydraulic system are taken into account at this stage. The unit is installed on a concrete slab floor.

1.6. Use Stage

The Use stage is conducted in alignment with the PCR considering product operation under normal conditions of use. Contributions to operational energy use during the Use stage (B6) come from the electricity consumption of the declared product to operate during its intended use, applying realistic and plausible scenarios. Inputs include the BEP flow and head, with the annual running hours. The electricity grid mix used for the calculation of the indicator results for module B6 are representative of the North American region in which the product is used.

Energy model

Electricity Mix; Low voltage; 2024; USA

1.7. End of Life Stage

End-of-life occurs when a pump is at the end of its service life or replaced before the end of its service life with a more energy efficient pump. At end-of-life, the product is manually disassembled from the piping system in which it was installed and disposed. Disposal refers to both recycling and landfilling. C3 includes the mechanical separation of the product followed by a series of sorting steps. Metal fractions, the electronic printed circuit board (PCB) and some of the plastics are recycled. The magnet is recycled. The remaining plastics and fractions are transported to a landfill site. The residual fractions are landfilled and declared in C4.

1.8. PEP ecopassport® Program Hypothesis

The life cycle analysis was carried out according to the hypothesis and scenarios provided by the PEP ecopassport program.

Activity area:	Collective residential / Tertiary
Expected lifetime:	20 years
Annual operating time:	4000 hours/yr
Electricity consumption:	14,914 kWh/yr or 298,284 kWh/lifetime
Activity area:	Commercial/MURB

A standard L-frame American National Standards Institute (ANSI) pump can be expected to operate for 20 years—and in many cases longer than 25 years—if it is used as designed running near the best/design operating point.¹

1.9. Technical Description of the Product

The DEPM 4322-1505-005 Tango Pump characterized in this PEP is inherently configurable. Configuration and efficiency depend on a mechanical engineer’s specification. Armstrong Fluid Technology generates Submittals for all pumps. Submittals are technical documents that include shop drawings, diagrams, illustrations, schedules, samples, and all relevant data prepared by a manufacturer which details how a specific pump is fabricated, installed, and operated. Armstrong Fluid Technology generates a Pump Energy Report using our proprietary software (DEVA/EPIC). A pump energy report is provided to customers when a pump is ordered. The calculations in the pump energy report are based on the pump operating energy at its BEP (Best Efficiency Point).

Technical Data and Test Standard Verification Method			
Name	Value	Unit	Test Standard Verification method
Frequency	60	Hz	Calibrated power supply used on Head and Flow test
Voltage	575	V	Calibrated power supply used on Head and Flow test
Pump liquid (e.g., water)	Water or Water with Glycol mix	L	From specification
Pump Energy Index (PEI) ⁽¹⁾	0.45	PER / PERSTD	Calculations per test method Hydraulic Institute 41.5

Operational Efficiency	489.29	W/(L/s)	Pump Head and Flow measurement on calibrated test rig
Flow range (max)	200 [12.61]	USGPM [L/s]	Pump Head and Flow measurement on calibrated test rig
Head max.	100 [30.48]	ft [m]	Pump Head and Flow measurement on calibrated test rig
Nominal capacity	4.93 [3.68]	HP [kW]	Motor manufacturer name plate rating

[i] <https://www.pumps.org/2021/09/23/energy-ratings-program-now/>

1.10. Sales Scenarios

Sales of the device are distributed as follows:

Region name	Share in sales (%)
USA	100
Europe	0
Rest of World	0

2. Component Materials

2.1 Reference Product

Name	Value	Unit
Declared unit	1	pc.
Mass reference	96.81	kg/pc
Conversion factor to 1 kg	0.013	-

2.2 Constituent Materials

Name	Value (kg)	Value (%)
Metals	69.20969	90.64085
Aluminum	7.042727	9.223546
Brass	0.0011	0.001441
Cast Iron	13.02927	17.06386
Copper	5.46	7.150718
Ductile Iron	16.42527	21.51145
Iron	19.5	25.53828
Stainless Steel	5.535045	7.249002
Steel	2.216273	2.902554
Plastics	2.133455	2.79409
Plastic	2.133455	2.79409
Other Materials	5.012818	6.565064
Electronics (Printed Circuit Board and components)	4.907273	6.426836
Rubber	0.105545	0.138228
TOTAL ASSEMBLY	76.35596	100

2.3 Packaging Materials

Name	Value (kg)	Value (%)
Wood	15.91	77.8
Box	4.54	22.2
Total	20.45	100

3. Environmental Impacts

RESULTS OF THE LCA - ENVIRONMENTAL IMPACT												
Parameter	Method Used	Unit	A1-A3	A4	A5	B2	B6	C1	C2	C3	C4	Total
GWP-total	EF Method 3.1	[kg CO2-Eq.]	9.13E+02	7.51E-01	6.00E-02	0.00E+00	7.20E+04	0.00E+00	5.96E-01	0.00E+00	4.20E-03	7.29E+04
GWP-fossil	EF Method 3.1	[kg CO2-Eq.]	8.89E+02	7.51E-01	5.99E-02	0.00E+00	7.15E+04	0.00E+00	5.96E-01	0.00E+00	4.20E-03	7.24E+04
GWP-biogenic	EF Method 3.1	[kg CO2-Eq.]	2.37E+01	1.01E-04	9.62E-06	0.00E+00	1.09E+02	0.00E+00	9.57E-05	0.00E+00	2.78E-06	1.32E+02
GWP-luluc	EF Method 3.1	[kg CO2-Eq.]	9.86E-01	3.94E-04	2.44E-05	0.00E+00	3.30E+02	0.00E+00	2.43E-04	0.00E+00	3.01E-07	3.31E+02
ODP	EF Method 3.1	[kgCFC11-Eq.]	1.38E-05	1.08E-08	8.71E-10	0.00E+00	8.89E-04	0.00E+00	8.66E-09	0.00E+00	1.31E-11	9.02E-04
AP	EF Method 3.1	[mol H+ -Eq.]	7.67E+00	2.21E-02	2.72E-04	0.00E+00	1.64E+02	0.00E+00	2.71E-03	0.00E+00	3.82E-06	1.72E+02
EP-freshwater	EF Method 3.1	[kg P-Eq.]	6.97E-01	2.38E-05	4.81E-06	0.00E+00	9.51E+00	0.00E+00	4.79E-05	0.00E+00	5.72E-08	1.02E+01
EP-marine	EF Method 3.2	[kg N-Eq.]	1.25E+00	5.49E-03	1.02E-04	0.00E+00	3.37E+01	0.00E+00	1.02E-03	0.00E+00	9.46E-05	3.50E+01
EP-terrestrial	EF Method 3.3	[mol N-Eq.]	1.21E+01	6.10E-02	1.11E-03	0.00E+00	3.48E+02	0.00E+00	1.11E-02	0.00E+00	1.53E-05	3.60E+02
POCP	EF Method 3.1	[kg NMVOC-Eq.]	3.81E+00	1.65E-02	3.85E-04	0.00E+00	1.85E+02	0.00E+00	3.82E-03	0.00E+00	6.09E-06	1.89E+02
ADP-minerals	CML IA-baseline	[kg Sb-Eq.]	2.24E-02	2.93E-07	8.24E-08	0.00E+00	4.19E-01	0.00E+00	8.20E-07	0.00E+00	4.74E-10	4.42E-01
ADP-fossil	CML IA-baseline	[MJ]	1.07E+04	9.06E+00	8.36E-01	0.00E+00	1.07E+06	0.00E+00	8.31E+00	0.00E+00	1.10E-02	1.08E+06
WDP	EF Method 3.1	[m3-Eq.]	2.53E+02	2.51E-02	3.98E-03	0.00E+00	7.20E+04	0.00E+00	3.96E-02	0.00E+00	5.61E-05	7.22E+04

RESULTS OF THE LCA - RESOURCE USE													
Parameter	Method Used	Unit	A1-A3	A4	A5	B2	B6	C1	C2	C3	C4	Total	
RPR _e	cumulative energy demand based on ACLCA Guidance	[MJ]	5.54E+02	1.92E-02	2.97E-03	0.00E+00	9.20E+04	0.00E+00	2.96E-02	0.00E+00	4.48E-05	9.26E+04	
RPR _M		[MJ]	3.54E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+02	
RPR _r		[MJ]	9.08E+02	1.92E-02	2.97E-03	0.00E+00	9.20E+04	0.00E+00	2.96E-02	0.00E+00	4.48E-05	9.29E+04	
NRPR _e		[MJ]	1.07E+04	9.06E+00	8.36E-01	0.00E+00	1.07E+06	0.00E+00	8.32E+00	0.00E+00	1.10E-02	1.08E+06	
NRPR _M		[MJ]	1.89E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+01	
NRPR _r		[MJ]	1.08E+04	9.06E+00	8.36E-01	0.00E+00	1.07E+06	0.00E+00	8.32E+00	0.00E+00	1.10E-02	1.08E+06	
SM		[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF		[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF		[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW		[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TPE	[MJ]	1.17E+04	9.08E+00	8.39E-01	0.00E+00	1.16E+06	0.00E+00	8.35E+00	0.00E+00	1.11E-02	1.18E+06		

RESULTS OF THE LCA - OUTPUT FLOWS AND WASTE CATEGORIES												
Parameter	Method Used	Unit	A1-A3	A4	A5	B2	B6	C1	C2	C3	C4	Total
HWD	cumulative energy demand based on ACLCA Guidance	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NHWD		[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-02	4.50E-02
RWD		[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CRU		[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MR		[kg]	0.00E+00	0.00E+00	2.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E+01	0.00E+00
MER		[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE		[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EET		[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RESULTS OF THE LCA - OTHER RESULTS												
Parameter	Method Used	Unit	A1-A3	A4	A5	B2	B6	C1	C2	C3	C4	Total
Biogenic Carbon Content (Product)		kg C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic Carbon Content (Packaging)		kg C	1.02E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+01

4. Extrapolation to other sizes in the range

	Pump Model	Pump Capacity (HP)	Submittal Mass (kg)	Submittal Power (HP)	A1-A5	B6	C1-C4
	1205-000.7	1	49.9	0.62	0.64	0.15	0.64
	1205-001.0	1	51.2	0.74	0.66	0.17	0.66
	1205-001.5	1.5	51.2	1.23	0.66	0.29	0.66
	1505-001.5	1.5	52.2	1.23	0.67	0.29	0.67
	1205-002.0	2	53	1.55	0.68	0.37	0.68
	1505-002.0	2	54	1.71	0.69	0.40	0.69
	0205-001.5	1.5	61.7	1.07	0.79	0.25	0.79
	0205H-001.5	1.5	61.7	0.83	0.79	0.20	0.79
	0205-002.0	2	64	1.66	0.82	0.39	0.82
	0205H-002.0	2	64	1.3	0.82	0.31	0.82
	2505-001.5	1.5	64.4	1.21	0.83	0.29	0.83
	2505-002.0	2	65.8	1.7	0.84	0.40	0.84
	1205-003.0	3	67.1	2.5	0.86	0.59	0.86
	1505-003.0	3	69.9	2.32	0.90	0.55	0.90
	0205-003.0	3	73.5	2.29	0.94	0.54	0.94
REF	1505-005.0	5	78	4.23	1	1	1
	2505-003.0	3	78.5	2.58	1.01	0.61	1.01
	0205-005.0	5	81.6	4.36	1.05	1.03	1.05
	0305-003.0	3	83.9	2.47	1.08	0.58	1.08
	0205-007.5	7.5	85.7	5.67	1.10	1.34	1.10
	2505-005.0	5	88	4.18	1.13	0.99	1.13
	0305-005.0	5	92.1	4.41	1.18	1.04	1.18
	2505-007.5	7.5	93	6.17	1.19	1.46	1.19
	0305-007.5	7.5	96.2	6.25	1.23	1.48	1.23
	0205-010.0	10	109.8	8.24	1.41	1.95	1.41
	0305-010.0	10	116.6	8.18	1.49	1.93	1.49

Extrapolation coefficients are given for the environmental impact of the declared unit. For each stage of the life cycle, the environmental impacts of the product concerned are calculated by multiplying the impacts of the declaration corresponding to the reference product by the extrapolation coefficient. The "Total" column should be calculated by adding the environmental impacts of each stage of the life cycle.

The extrapolation coefficients are calculated as follows:

Manufacturing, Distribution, Installation, A1 – A5

$$kA = \frac{MASS_{considered\ product}}{MASS_{referenced\ product}}$$

Maintenance, B2

$$kB2 = \frac{MASS_{considered\ product}}{MASS_{referenced\ product}}$$

Use, B6

$$kB6 = \frac{CONSUMPTION_{considered\ product}}{CONSUMPTION_{referenced\ product}}$$

End of Life, C1 – C4

$$kC = \frac{MASS_{considered\ product}}{MASS_{referenced\ product}}$$

The results for the extrapolation are listed below.

GWP-total [kg CO2-Eq.]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	5.84E+02	4.80E-01	3.84E-02	1.05E+04	3.82E-01	2.69E-03	1.11E+04
	1205-001.0	6.00E+02	4.93E-01	3.94E-02	1.26E+04	3.91E-01	2.76E-03	1.32E+04
	1205-001.5	6.00E+02	4.93E-01	3.94E-02	2.09E+04	3.91E-01	2.76E-03	2.15E+04
	1505-001.5	6.11E+02	5.03E-01	4.01E-02	2.09E+04	3.99E-01	2.81E-03	2.15E+04
	1205-002.0	6.21E+02	5.10E-01	4.08E-02	2.64E+04	4.05E-01	2.85E-03	2.70E+04
	1505-002.0	6.32E+02	5.20E-01	4.15E-02	2.91E+04	4.13E-01	2.91E-03	2.97E+04
	0205-001.5	7.22E+02	5.94E-01	4.74E-02	1.82E+04	4.72E-01	3.32E-03	1.89E+04
	0205H-001.5	7.22E+02	5.94E-01	4.74E-02	1.41E+04	4.72E-01	3.32E-03	1.48E+04
	0205-002.0	7.49E+02	6.16E-01	4.92E-02	2.82E+04	4.89E-01	3.45E-03	2.90E+04
	0205H-002.0	7.49E+02	6.16E-01	4.92E-02	2.21E+04	4.89E-01	3.45E-03	2.29E+04
	2505-001.5	7.54E+02	6.20E-01	4.95E-02	2.06E+04	4.92E-01	3.47E-03	2.13E+04
	2505-002.0	7.71E+02	6.34E-01	5.06E-02	2.89E+04	5.03E-01	3.54E-03	2.97E+04
	1205-003.0	7.86E+02	6.46E-01	5.16E-02	4.25E+04	5.13E-01	3.61E-03	4.33E+04
	1505-003.0	8.19E+02	6.73E-01	5.38E-02	3.95E+04	5.34E-01	3.76E-03	4.03E+04
	0205-003.0	8.61E+02	7.08E-01	5.65E-02	3.90E+04	5.62E-01	3.96E-03	3.98E+04
REF	1505-005.0	9.13E+02	7.51E-01	6.00E-02	7.20E+04	5.96E-01	4.20E-03	7.29E+04
	2505-003.0	9.19E+02	7.56E-01	6.04E-02	4.39E+04	6.00E-01	4.23E-03	4.48E+04

	0205-005.0	9.56E+02	7.86E-01	6.28E-02	7.42E+04	6.24E-01	4.39E-03	7.51E+04
	0305-003.0	9.82E+02	8.08E-01	6.45E-02	4.20E+04	6.41E-01	4.52E-03	4.30E+04
	0205-007.5	1.00E+03	8.25E-01	6.59E-02	9.65E+04	6.55E-01	4.62E-03	9.75E+04
	2505-005.0	1.03E+03	8.47E-01	6.77E-02	7.11E+04	6.73E-01	4.74E-03	7.21E+04
	0305-005.0	1.08E+03	8.87E-01	7.08E-02	7.50E+04	7.04E-01	4.96E-03	7.61E+04
	2505-007.5	1.09E+03	8.96E-01	7.15E-02	1.05E+05	7.11E-01	5.01E-03	1.06E+05
	0305-007.5	1.13E+03	9.26E-01	7.40E-02	1.06E+05	7.36E-01	5.18E-03	1.07E+05
	0205-010.0	1.29E+03	1.06E+00	8.44E-02	1.40E+05	8.39E-01	5.91E-03	1.41E+05
	0305-010.0	1.37E+03	1.12E+00	8.97E-02	1.39E+05	8.91E-01	6.28E-03	1.41E+05
GWP-fossil [kg CO2-Eq.]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	5.69E+02	4.80E-01	3.84E-02	1.05E+04	3.81E-01	2.69E-03	1.11E+04
	1205-001.0	5.83E+02	4.93E-01	3.94E-02	1.25E+04	3.91E-01	2.76E-03	1.31E+04
	1205-001.5	5.83E+02	4.93E-01	3.94E-02	2.08E+04	3.91E-01	2.76E-03	2.14E+04
	1505-001.5	5.95E+02	5.02E-01	4.01E-02	2.08E+04	3.99E-01	2.81E-03	2.14E+04
	1205-002.0	6.04E+02	5.10E-01	4.07E-02	2.62E+04	4.05E-01	2.85E-03	2.68E+04
	1505-002.0	6.15E+02	5.20E-01	4.15E-02	2.89E+04	4.13E-01	2.91E-03	2.95E+04
	0205-001.5	7.03E+02	5.94E-01	4.74E-02	1.81E+04	4.71E-01	3.32E-03	1.88E+04
	0205H-001.5	7.03E+02	5.94E-01	4.74E-02	1.40E+04	4.71E-01	3.32E-03	1.47E+04
	0205-002.0	7.29E+02	6.16E-01	4.92E-02	2.81E+04	4.89E-01	3.44E-03	2.88E+04
	0205H-002.0	7.29E+02	6.16E-01	4.92E-02	2.20E+04	4.89E-01	3.44E-03	2.27E+04
	2505-001.5	7.34E+02	6.20E-01	4.95E-02	2.05E+04	4.92E-01	3.47E-03	2.12E+04
	2505-002.0	7.50E+02	6.33E-01	5.06E-02	2.87E+04	5.03E-01	3.54E-03	2.95E+04
	1205-003.0	7.64E+02	6.46E-01	5.16E-02	4.23E+04	5.13E-01	3.61E-03	4.30E+04
	1505-003.0	7.96E+02	6.73E-01	5.37E-02	3.92E+04	5.34E-01	3.76E-03	4.00E+04
	0205-003.0	8.37E+02	7.07E-01	5.65E-02	3.87E+04	5.62E-01	3.96E-03	3.96E+04
REF	1505-005.0	8.89E+02	7.51E-01	5.99E-02	7.15E+04	5.96E-01	4.20E-03	7.24E+04
	2505-003.0	8.94E+02	7.55E-01	6.03E-02	4.36E+04	6.00E-01	4.22E-03	4.45E+04
	0205-005.0	9.30E+02	7.85E-01	6.27E-02	7.37E+04	6.24E-01	4.39E-03	7.47E+04
	0305-003.0	9.56E+02	8.07E-01	6.45E-02	4.18E+04	6.41E-01	4.51E-03	4.27E+04
	0205-007.5	9.76E+02	8.25E-01	6.59E-02	9.59E+04	6.55E-01	4.61E-03	9.68E+04
	2505-005.0	1.00E+03	8.47E-01	6.76E-02	7.07E+04	6.72E-01	4.74E-03	7.17E+04
	0305-005.0	1.05E+03	8.86E-01	7.08E-02	7.46E+04	7.04E-01	4.96E-03	7.56E+04
	2505-007.5	1.06E+03	8.95E-01	7.15E-02	1.04E+05	7.11E-01	5.00E-03	1.05E+05
	0305-007.5	1.10E+03	9.26E-01	7.39E-02	1.06E+05	7.35E-01	5.18E-03	1.07E+05
	0205-010.0	1.25E+03	1.06E+00	8.44E-02	1.39E+05	8.39E-01	5.91E-03	1.41E+05
	0305-010.0	1.33E+03	1.12E+00	8.96E-02	1.38E+05	8.91E-01	6.27E-03	1.40E+05
GWP-biogenic [kg CO2-Eq.]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total

	1205-000.7	1.52E+01	6.45E-05	6.16E-06	1.59E+01	6.12E-05	1.78E-06	3.11E+01
	1205-001.0	1.56E+01	6.62E-05	6.32E-06	1.90E+01	6.28E-05	1.83E-06	3.45E+01
	1205-001.5	1.56E+01	6.62E-05	6.32E-06	3.16E+01	6.28E-05	1.83E-06	4.71E+01
	1505-001.5	1.59E+01	6.75E-05	6.44E-06	3.16E+01	6.40E-05	1.86E-06	4.74E+01
	1205-002.0	1.61E+01	6.85E-05	6.54E-06	3.98E+01	6.50E-05	1.89E-06	5.59E+01
	1505-002.0	1.64E+01	6.98E-05	6.66E-06	4.39E+01	6.62E-05	1.93E-06	6.03E+01
	0205-001.5	1.87E+01	7.98E-05	7.61E-06	2.74E+01	7.57E-05	2.20E-06	4.62E+01
	0205H-001.5	1.87E+01	7.98E-05	7.61E-06	2.13E+01	7.57E-05	2.20E-06	4.00E+01
	0205-002.0	1.94E+01	8.27E-05	7.89E-06	4.26E+01	7.85E-05	2.28E-06	6.20E+01
	0205H-002.0	1.94E+01	8.27E-05	7.89E-06	3.33E+01	7.85E-05	2.28E-06	5.28E+01
	2505-001.5	1.96E+01	8.32E-05	7.94E-06	3.10E+01	7.90E-05	2.30E-06	5.06E+01
	2505-002.0	2.00E+01	8.51E-05	8.12E-06	4.36E+01	8.07E-05	2.35E-06	6.36E+01
	1205-003.0	2.04E+01	8.67E-05	8.28E-06	6.41E+01	8.23E-05	2.40E-06	8.45E+01
	1505-003.0	2.12E+01	9.04E-05	8.62E-06	5.95E+01	8.57E-05	2.50E-06	8.08E+01
	0205-003.0	2.23E+01	9.50E-05	9.07E-06	5.87E+01	9.01E-05	2.62E-06	8.11E+01
REF	1505-005.0	2.37E+01	1.01E-04	9.62E-06	1.09E+02	9.57E-05	2.78E-06	1.32E+02
	2505-003.0	2.38E+01	1.01E-04	9.68E-06	6.62E+01	9.63E-05	2.80E-06	9.00E+01
	0205-005.0	2.48E+01	1.05E-04	1.01E-05	1.12E+02	1.00E-04	2.91E-06	1.37E+02
	0305-003.0	2.55E+01	1.08E-04	1.03E-05	6.34E+01	1.03E-04	3.00E-06	8.89E+01
	0205-007.5	2.60E+01	1.11E-04	1.06E-05	1.45E+02	1.05E-04	3.06E-06	1.71E+02
	2505-005.0	2.67E+01	1.14E-04	1.09E-05	1.07E+02	1.08E-04	3.14E-06	1.34E+02
	0305-005.0	2.80E+01	1.19E-04	1.14E-05	1.13E+02	1.13E-04	3.29E-06	1.41E+02
	2505-007.5	2.83E+01	1.20E-04	1.15E-05	1.58E+02	1.14E-04	3.32E-06	1.87E+02
	0305-007.5	2.92E+01	1.24E-04	1.19E-05	1.60E+02	1.18E-04	3.43E-06	1.90E+02
	0205-010.0	3.34E+01	1.42E-04	1.35E-05	2.11E+02	1.35E-04	3.92E-06	2.45E+02
	0305-010.0	3.54E+01	1.51E-04	1.44E-05	2.10E+02	1.43E-04	4.16E-06	2.45E+02
GWP-luluc [kg CO2-Eq.]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	6.31E-01	2.52E-04	1.56E-05	4.84E+01	1.56E-04	1.92E-07	4.91E+01
	1205-001.0	6.47E-01	2.58E-04	1.60E-05	5.78E+01	1.60E-04	1.97E-07	5.84E+01
	1205-001.5	6.47E-01	2.58E-04	1.60E-05	9.61E+01	1.60E-04	1.97E-07	9.67E+01
	1505-001.5	6.60E-01	2.64E-04	1.64E-05	9.61E+01	1.63E-04	2.01E-07	9.67E+01
	1205-002.0	6.70E-01	2.68E-04	1.66E-05	1.21E+02	1.65E-04	2.04E-07	1.22E+02
	1505-002.0	6.83E-01	2.73E-04	1.69E-05	1.34E+02	1.68E-04	2.08E-07	1.34E+02
	0205-001.5	7.80E-01	3.11E-04	1.93E-05	8.36E+01	1.92E-04	2.38E-07	8.43E+01
	0205H-001.5	7.80E-01	3.11E-04	1.93E-05	6.48E+01	1.92E-04	2.38E-07	6.56E+01
	0205-002.0	8.09E-01	3.23E-04	2.01E-05	1.30E+02	1.99E-04	2.47E-07	1.30E+02
	0205H-002.0	8.09E-01	3.23E-04	2.01E-05	1.02E+02	1.99E-04	2.47E-07	1.02E+02
	2505-001.5	8.14E-01	3.25E-04	2.02E-05	9.45E+01	2.01E-04	2.48E-07	9.53E+01
	2505-002.0	8.32E-01	3.32E-04	2.06E-05	1.33E+02	2.05E-04	2.54E-07	1.34E+02

	1205-003.0	8.48E-01	3.39E-04	2.10E-05	1.95E+02	2.09E-04	2.59E-07	1.96E+02
	1505-003.0	8.84E-01	3.53E-04	2.19E-05	1.81E+02	2.18E-04	2.70E-07	1.82E+02
	0205-003.0	9.29E-01	3.71E-04	2.30E-05	1.79E+02	2.29E-04	2.83E-07	1.80E+02
REF	1505-005.0	9.86E-01	3.94E-04	2.44E-05	3.30E+02	2.43E-04	3.01E-07	3.31E+02
	2505-003.0	9.92E-01	3.96E-04	2.46E-05	2.01E+02	2.45E-04	3.03E-07	2.02E+02
	0205-005.0	1.03E+00	4.12E-04	2.56E-05	3.41E+02	2.54E-04	3.15E-07	3.42E+02
	0305-003.0	1.06E+00	4.24E-04	2.63E-05	1.93E+02	2.61E-04	3.23E-07	1.94E+02
	0205-007.5	1.08E+00	4.33E-04	2.69E-05	4.43E+02	2.67E-04	3.30E-07	4.44E+02
	2505-005.0	1.11E+00	4.44E-04	2.76E-05	3.26E+02	2.74E-04	3.39E-07	3.28E+02
	0305-005.0	1.16E+00	4.65E-04	2.89E-05	3.44E+02	2.87E-04	3.55E-07	3.46E+02
	2505-007.5	1.18E+00	4.69E-04	2.92E-05	4.82E+02	2.90E-04	3.59E-07	4.83E+02
	0305-007.5	1.22E+00	4.86E-04	3.02E-05	4.88E+02	3.00E-04	3.71E-07	4.89E+02
	0205-010.0	1.39E+00	5.54E-04	3.44E-05	6.44E+02	3.42E-04	4.23E-07	6.45E+02
	0305-010.0	1.47E+00	5.89E-04	3.65E-05	6.39E+02	3.63E-04	4.50E-07	6.40E+02
ODP [kgCFC11-Eq.]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	8.81E-06	6.89E-09	5.57E-10	1.30E-04	5.54E-09	8.38E-12	1.39E-04
	1205-001.0	9.04E-06	7.07E-09	5.72E-10	1.55E-04	5.69E-09	8.59E-12	1.64E-04
	1205-001.5	9.04E-06	7.07E-09	5.72E-10	2.58E-04	5.69E-09	8.59E-12	2.67E-04
	1505-001.5	9.21E-06	7.21E-09	5.83E-10	2.58E-04	5.80E-09	8.76E-12	2.68E-04
	1205-002.0	9.35E-06	7.32E-09	5.92E-10	3.26E-04	5.89E-09	8.90E-12	3.35E-04
	1505-002.0	9.53E-06	7.46E-09	6.03E-10	3.59E-04	6.00E-09	9.07E-12	3.69E-04
	0205-001.5	1.09E-05	8.52E-09	6.89E-10	2.25E-04	6.85E-09	1.04E-11	2.36E-04
	0205H-001.5	1.09E-05	8.52E-09	6.89E-10	1.74E-04	6.85E-09	1.04E-11	1.85E-04
	0205-002.0	1.13E-05	8.84E-09	7.15E-10	3.49E-04	7.11E-09	1.07E-11	3.60E-04
	0205H-002.0	1.13E-05	8.84E-09	7.15E-10	2.73E-04	7.11E-09	1.07E-11	2.84E-04
	2505-001.5	1.14E-05	8.89E-09	7.19E-10	2.54E-04	7.15E-09	1.08E-11	2.66E-04
	2505-002.0	1.16E-05	9.09E-09	7.35E-10	3.57E-04	7.31E-09	1.10E-11	3.69E-04
	1205-003.0	1.18E-05	9.27E-09	7.50E-10	5.25E-04	7.45E-09	1.13E-11	5.37E-04
	1505-003.0	1.23E-05	9.65E-09	7.81E-10	4.87E-04	7.76E-09	1.17E-11	5.00E-04
	0205-003.0	1.30E-05	1.01E-08	8.21E-10	4.81E-04	8.16E-09	1.23E-11	4.94E-04
REF	1505-005.0	1.38E-05	1.08E-08	8.71E-10	8.89E-04	8.66E-09	1.31E-11	9.02E-04
	2505-003.0	1.39E-05	1.08E-08	8.77E-10	5.42E-04	8.72E-09	1.32E-11	5.56E-04
	0205-005.0	1.44E-05	1.13E-08	9.12E-10	9.16E-04	9.06E-09	1.37E-11	9.30E-04
	0305-003.0	1.48E-05	1.16E-08	9.37E-10	5.19E-04	9.32E-09	1.41E-11	5.34E-04
	0205-007.5	1.51E-05	1.18E-08	9.57E-10	1.19E-03	9.52E-09	1.44E-11	1.21E-03
	2505-005.0	1.55E-05	1.22E-08	9.83E-10	8.78E-04	9.77E-09	1.48E-11	8.94E-04
	0305-005.0	1.63E-05	1.27E-08	1.03E-09	9.26E-04	1.02E-08	1.55E-11	9.43E-04
	2505-007.5	1.64E-05	1.28E-08	1.04E-09	1.30E-03	1.03E-08	1.56E-11	1.31E-03
	0305-007.5	1.70E-05	1.33E-08	1.07E-09	1.31E-03	1.07E-08	1.61E-11	1.33E-03

	0205-010.0	1.94E-05	1.52E-08	1.23E-09	1.73E-03	1.22E-08	1.84E-11	1.75E-03
	0305-010.0	2.06E-05	1.61E-08	1.30E-09	1.72E-03	1.30E-08	1.96E-11	1.74E-03
AP [mol H+ -Eq.]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	4.91E+00	1.41E-02	1.74E-04	2.41E+01	1.73E-03	2.44E-06	2.90E+01
	1205-001.0	5.04E+00	1.45E-02	1.79E-04	2.88E+01	1.78E-03	2.51E-06	3.38E+01
	1205-001.5	5.04E+00	1.45E-02	1.79E-04	4.78E+01	1.78E-03	2.51E-06	5.29E+01
	1505-001.5	5.13E+00	1.48E-02	1.82E-04	4.78E+01	1.81E-03	2.56E-06	5.30E+01
	1205-002.0	5.21E+00	1.50E-02	1.85E-04	6.03E+01	1.84E-03	2.59E-06	6.55E+01
	1505-002.0	5.31E+00	1.53E-02	1.89E-04	6.65E+01	1.87E-03	2.64E-06	7.18E+01
	0205-001.5	6.07E+00	1.75E-02	2.15E-04	4.16E+01	2.14E-03	3.02E-06	4.77E+01
	0205H-001.5	6.07E+00	1.75E-02	2.15E-04	3.23E+01	2.14E-03	3.02E-06	3.84E+01
	0205-002.0	6.29E+00	1.81E-02	2.23E-04	6.45E+01	2.22E-03	3.13E-06	7.09E+01
	0205H-002.0	6.29E+00	1.81E-02	2.23E-04	5.05E+01	2.22E-03	3.13E-06	5.69E+01
	2505-001.5	6.33E+00	1.82E-02	2.25E-04	4.70E+01	2.24E-03	3.15E-06	5.34E+01
	2505-002.0	6.47E+00	1.86E-02	2.30E-04	6.61E+01	2.28E-03	3.22E-06	7.26E+01
	1205-003.0	6.60E+00	1.90E-02	2.34E-04	9.72E+01	2.33E-03	3.28E-06	1.04E+02
	1505-003.0	6.87E+00	1.98E-02	2.44E-04	9.02E+01	2.43E-03	3.42E-06	9.71E+01
	0205-003.0	7.23E+00	2.08E-02	2.57E-04	8.90E+01	2.55E-03	3.60E-06	9.63E+01
REF	1505-005.0	7.67E+00	2.21E-02	2.72E-04	1.64E+02	2.71E-03	3.82E-06	1.72E+02
	2505-003.0	7.72E+00	2.22E-02	2.74E-04	1.00E+02	2.72E-03	3.84E-06	1.08E+02
	0205-005.0	8.02E+00	2.31E-02	2.85E-04	1.70E+02	2.83E-03	3.99E-06	1.78E+02
	0305-003.0	8.25E+00	2.37E-02	2.93E-04	9.60E+01	2.91E-03	4.11E-06	1.04E+02
	0205-007.5	8.43E+00	2.42E-02	2.99E-04	2.20E+02	2.97E-03	4.19E-06	2.29E+02
	2505-005.0	8.65E+00	2.49E-02	3.07E-04	1.63E+02	3.05E-03	4.31E-06	1.71E+02
	0305-005.0	9.06E+00	2.61E-02	3.22E-04	1.71E+02	3.20E-03	4.51E-06	1.81E+02
	2505-007.5	9.15E+00	2.63E-02	3.25E-04	2.40E+02	3.23E-03	4.55E-06	2.49E+02
	0305-007.5	9.46E+00	2.72E-02	3.36E-04	2.43E+02	3.34E-03	4.71E-06	2.53E+02
	0205-010.0	1.08E+01	3.11E-02	3.83E-04	3.20E+02	3.81E-03	5.37E-06	3.31E+02
	0305-010.0	1.15E+01	3.30E-02	4.07E-04	3.18E+02	4.05E-03	5.71E-06	3.30E+02
EP-freshwater [kg P-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	4.46E-01	1.52E-05	3.08E-06	1.39E+00	3.06E-05	3.66E-08	1.84E+00
	1205-001.0	4.57E-01	1.56E-05	3.16E-06	1.66E+00	3.14E-05	3.75E-08	2.12E+00
	1205-001.5	4.57E-01	1.56E-05	3.16E-06	2.76E+00	3.14E-05	3.75E-08	3.22E+00
	1505-001.5	4.66E-01	1.59E-05	3.22E-06	2.76E+00	3.20E-05	3.83E-08	3.23E+00
	1205-002.0	4.73E-01	1.62E-05	3.27E-06	3.48E+00	3.25E-05	3.88E-08	3.96E+00
	1505-002.0	4.82E-01	1.65E-05	3.33E-06	3.84E+00	3.31E-05	3.96E-08	4.33E+00
	0205-001.5	5.51E-01	1.88E-05	3.81E-06	2.40E+00	3.79E-05	4.52E-08	2.96E+00

	0205H-001.5	5.51E-01	1.88E-05	3.81E-06	1.87E+00	3.79E-05	4.52E-08	2.42E+00
	0205-002.0	5.72E-01	1.95E-05	3.95E-06	3.73E+00	3.93E-05	4.69E-08	4.30E+00
	0205H-002.0	5.72E-01	1.95E-05	3.95E-06	2.92E+00	3.93E-05	4.69E-08	3.49E+00
	2505-001.5	5.75E-01	1.96E-05	3.98E-06	2.72E+00	3.95E-05	4.72E-08	3.29E+00
	2505-002.0	5.88E-01	2.01E-05	4.06E-06	3.82E+00	4.04E-05	4.82E-08	4.41E+00
	1205-003.0	5.99E-01	2.05E-05	4.14E-06	5.62E+00	4.12E-05	4.92E-08	6.22E+00
	1505-003.0	6.24E-01	2.13E-05	4.31E-06	5.21E+00	4.29E-05	5.12E-08	5.84E+00
	0205-003.0	6.57E-01	2.24E-05	4.54E-06	5.15E+00	4.51E-05	5.39E-08	5.80E+00
REF	1505-005.0	6.97E-01	2.38E-05	4.81E-06	9.51E+00	4.79E-05	5.72E-08	1.02E+01
	2505-003.0	7.01E-01	2.39E-05	4.85E-06	5.80E+00	4.82E-05	5.75E-08	6.50E+00
	0205-005.0	7.29E-01	2.49E-05	5.04E-06	9.80E+00	5.01E-05	5.98E-08	1.05E+01
	0305-003.0	7.50E-01	2.56E-05	5.18E-06	5.55E+00	5.15E-05	6.15E-08	6.30E+00
	0205-007.5	7.66E-01	2.61E-05	5.29E-06	1.27E+01	5.26E-05	6.28E-08	1.35E+01
	2505-005.0	7.86E-01	2.68E-05	5.43E-06	9.39E+00	5.40E-05	6.45E-08	1.02E+01
	0305-005.0	8.23E-01	2.81E-05	5.69E-06	9.91E+00	5.65E-05	6.75E-08	1.07E+01
	2505-007.5	8.31E-01	2.83E-05	5.74E-06	1.39E+01	5.71E-05	6.82E-08	1.47E+01
	0305-007.5	8.59E-01	2.93E-05	5.94E-06	1.40E+01	5.90E-05	7.05E-08	1.49E+01
	0205-010.0	9.81E-01	3.35E-05	6.78E-06	1.85E+01	6.74E-05	8.05E-08	1.95E+01
	0305-010.0	1.04E+00	3.55E-05	7.20E-06	1.84E+01	7.16E-05	8.55E-08	1.94E+01
EP-marine [kg N-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	7.99E-01	3.51E-03	6.54E-05	4.94E+00	6.50E-04	6.05E-05	5.75E+00
	1205-001.0	8.20E-01	3.60E-03	6.71E-05	5.90E+00	6.67E-04	6.21E-05	6.72E+00
	1205-001.5	8.20E-01	3.60E-03	6.71E-05	9.80E+00	6.67E-04	6.21E-05	1.06E+01
	1505-001.5	8.36E-01	3.67E-03	6.84E-05	9.80E+00	6.80E-04	6.33E-05	1.06E+01
	1205-002.0	8.49E-01	3.73E-03	6.95E-05	1.24E+01	6.90E-04	6.43E-05	1.32E+01
	1505-002.0	8.65E-01	3.80E-03	7.08E-05	1.36E+01	7.04E-04	6.55E-05	1.45E+01
	0205-001.5	9.88E-01	4.34E-03	8.09E-05	8.53E+00	8.04E-04	7.49E-05	9.52E+00
	0205H-001.5	9.88E-01	4.34E-03	8.09E-05	6.62E+00	8.04E-04	7.49E-05	7.61E+00
	0205-002.0	1.03E+00	4.50E-03	8.39E-05	1.32E+01	8.34E-04	7.77E-05	1.43E+01
	0205H-002.0	1.03E+00	4.50E-03	8.39E-05	1.04E+01	8.34E-04	7.77E-05	1.14E+01
	2505-001.5	1.03E+00	4.53E-03	8.44E-05	9.64E+00	8.39E-04	7.81E-05	1.07E+01
	2505-002.0	1.05E+00	4.63E-03	8.62E-05	1.35E+01	8.57E-04	7.98E-05	1.46E+01
	1205-003.0	1.07E+00	4.72E-03	8.79E-05	1.99E+01	8.74E-04	8.14E-05	2.10E+01
	1505-003.0	1.12E+00	4.92E-03	9.16E-05	1.85E+01	9.11E-04	8.48E-05	1.96E+01
	0205-003.0	1.18E+00	5.17E-03	9.63E-05	1.83E+01	9.58E-04	8.92E-05	1.94E+01
REF	1505-005.0	1.25E+00	5.49E-03	1.02E-04	3.37E+01	1.02E-03	9.46E-05	3.50E+01
	2505-003.0	1.26E+00	5.53E-03	1.03E-04	2.06E+01	1.02E-03	9.52E-05	2.18E+01
	0205-005.0	1.31E+00	5.74E-03	1.07E-04	3.47E+01	1.06E-03	9.90E-05	3.61E+01
	0305-003.0	1.34E+00	5.91E-03	1.10E-04	1.97E+01	1.09E-03	1.02E-04	2.10E+01

	0205-007.5	1.37E+00	6.03E-03	1.12E-04	4.52E+01	1.12E-03	1.04E-04	4.66E+01
	2505-005.0	1.41E+00	6.19E-03	1.15E-04	3.33E+01	1.15E-03	1.07E-04	3.47E+01
	0305-005.0	1.48E+00	6.48E-03	1.21E-04	3.51E+01	1.20E-03	1.12E-04	3.66E+01
	2505-007.5	1.49E+00	6.55E-03	1.22E-04	4.92E+01	1.21E-03	1.13E-04	5.07E+01
	0305-007.5	1.54E+00	6.77E-03	1.26E-04	4.98E+01	1.25E-03	1.17E-04	5.14E+01
	0205-010.0	1.76E+00	7.73E-03	1.44E-04	6.57E+01	1.43E-03	1.33E-04	6.74E+01
	0305-010.0	1.87E+00	8.21E-03	1.53E-04	6.52E+01	1.52E-03	1.41E-04	6.71E+01
EP-terrestrial [mol N-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	7.73E+00	3.90E-02	7.13E-04	5.09E+01	7.09E-03	9.77E-06	5.87E+01
	1205-001.0	7.93E+00	4.00E-02	7.32E-04	6.08E+01	7.27E-03	1.00E-05	6.88E+01
	1205-001.5	7.93E+00	4.00E-02	7.32E-04	1.01E+02	7.27E-03	1.00E-05	1.09E+02
	1505-001.5	8.09E+00	4.08E-02	7.46E-04	1.01E+02	7.42E-03	1.02E-05	1.09E+02
	1205-002.0	8.21E+00	4.14E-02	7.57E-04	1.27E+02	7.53E-03	1.04E-05	1.36E+02
	1505-002.0	8.37E+00	4.22E-02	7.72E-04	1.40E+02	7.67E-03	1.06E-05	1.49E+02
	0205-001.5	9.56E+00	4.82E-02	8.82E-04	8.79E+01	8.77E-03	1.21E-05	9.75E+01
	0205H-001.5	9.56E+00	4.82E-02	8.82E-04	6.82E+01	8.77E-03	1.21E-05	7.78E+01
	0205-002.0	9.92E+00	5.00E-02	9.15E-04	1.36E+02	9.09E-03	1.25E-05	1.46E+02
	0205H-002.0	9.92E+00	5.00E-02	9.15E-04	1.07E+02	9.09E-03	1.25E-05	1.17E+02
	2505-001.5	9.98E+00	5.03E-02	9.20E-04	9.94E+01	9.15E-03	1.26E-05	1.09E+02
	2505-002.0	1.02E+01	5.14E-02	9.40E-04	1.40E+02	9.35E-03	1.29E-05	1.50E+02
	1205-003.0	1.04E+01	5.25E-02	9.59E-04	2.05E+02	9.53E-03	1.31E-05	2.16E+02
	1505-003.0	1.08E+01	5.46E-02	9.99E-04	1.91E+02	9.93E-03	1.37E-05	2.01E+02
	0205-003.0	1.14E+01	5.75E-02	1.05E-03	1.88E+02	1.04E-02	1.44E-05	2.00E+02
REF	1505-005.0	1.21E+01	6.10E-02	1.11E-03	3.48E+02	1.11E-02	1.53E-05	3.60E+02
	2505-003.0	1.22E+01	6.14E-02	1.12E-03	2.12E+02	1.12E-02	1.54E-05	2.24E+02
	0205-005.0	1.26E+01	6.38E-02	1.17E-03	3.58E+02	1.16E-02	1.60E-05	3.71E+02
	0305-003.0	1.30E+01	6.56E-02	1.20E-03	2.03E+02	1.19E-02	1.64E-05	2.16E+02
	0205-007.5	1.33E+01	6.70E-02	1.22E-03	4.66E+02	1.22E-02	1.68E-05	4.79E+02
	2505-005.0	1.36E+01	6.88E-02	1.26E-03	3.43E+02	1.25E-02	1.72E-05	3.57E+02
	0305-005.0	1.43E+01	7.20E-02	1.32E-03	3.62E+02	1.31E-02	1.80E-05	3.77E+02
	2505-007.5	1.44E+01	7.27E-02	1.33E-03	5.07E+02	1.32E-02	1.82E-05	5.21E+02
	0305-007.5	1.49E+01	7.52E-02	1.37E-03	5.13E+02	1.37E-02	1.88E-05	5.28E+02
	0205-010.0	1.70E+01	8.58E-02	1.57E-03	6.77E+02	1.56E-02	2.15E-05	6.94E+02
	0305-010.0	1.81E+01	9.12E-02	1.67E-03	6.72E+02	1.66E-02	2.28E-05	6.90E+02
POCP [kg NMVOC-Eq.]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	2.44E+00	1.06E-02	2.46E-04	2.72E+01	2.44E-03	3.89E-06	2.96E+01
	1205-001.0	2.50E+00	1.08E-02	2.52E-04	3.24E+01	2.51E-03	4.00E-06	3.49E+01

	1205-001.5	2.50E+00	1.08E-02	2.52E-04	5.39E+01	2.51E-03	4.00E-06	5.64E+01
	1505-001.5	2.55E+00	1.11E-02	2.57E-04	5.39E+01	2.56E-03	4.07E-06	5.64E+01
	1205-002.0	2.59E+00	1.12E-02	2.61E-04	6.79E+01	2.60E-03	4.14E-06	7.05E+01
	1505-002.0	2.64E+00	1.14E-02	2.66E-04	7.49E+01	2.65E-03	4.21E-06	7.75E+01
	0205-001.5	3.01E+00	1.31E-02	3.04E-04	4.69E+01	3.02E-03	4.82E-06	4.99E+01
	0205H-001.5	3.01E+00	1.31E-02	3.04E-04	3.63E+01	3.02E-03	4.82E-06	3.94E+01
	0205-002.0	3.12E+00	1.36E-02	3.16E-04	7.27E+01	3.14E-03	4.99E-06	7.58E+01
	0205H-002.0	3.12E+00	1.36E-02	3.16E-04	5.69E+01	3.14E-03	4.99E-06	6.01E+01
	2505-001.5	3.14E+00	1.36E-02	3.17E-04	5.30E+01	3.16E-03	5.03E-06	5.61E+01
	2505-002.0	3.21E+00	1.39E-02	3.24E-04	7.44E+01	3.22E-03	5.14E-06	7.77E+01
	1205-003.0	3.28E+00	1.42E-02	3.31E-04	1.09E+02	3.29E-03	5.24E-06	1.13E+02
	1505-003.0	3.41E+00	1.48E-02	3.45E-04	1.02E+02	3.42E-03	5.46E-06	1.05E+02
	0205-003.0	3.59E+00	1.56E-02	3.62E-04	1.00E+02	3.60E-03	5.74E-06	1.04E+02
REF	1505-005.0	3.81E+00	1.65E-02	3.85E-04	1.85E+02	3.82E-03	6.09E-06	1.89E+02
	2505-003.0	3.83E+00	1.66E-02	3.87E-04	1.13E+02	3.85E-03	6.13E-06	1.17E+02
	0205-005.0	3.98E+00	1.73E-02	4.02E-04	1.91E+02	4.00E-03	6.37E-06	1.95E+02
	0305-003.0	4.10E+00	1.78E-02	4.14E-04	1.08E+02	4.11E-03	6.55E-06	1.12E+02
	0205-007.5	4.18E+00	1.81E-02	4.22E-04	2.48E+02	4.20E-03	6.69E-06	2.53E+02
	2505-005.0	4.30E+00	1.86E-02	4.34E-04	1.83E+02	4.31E-03	6.87E-06	1.87E+02
	0305-005.0	4.50E+00	1.95E-02	4.54E-04	1.93E+02	4.51E-03	7.19E-06	1.98E+02
	2505-007.5	4.54E+00	1.97E-02	4.58E-04	2.70E+02	4.56E-03	7.26E-06	2.75E+02
	0305-007.5	4.70E+00	2.04E-02	4.74E-04	2.74E+02	4.71E-03	7.51E-06	2.78E+02
	0205-010.0	5.36E+00	2.33E-02	5.41E-04	3.61E+02	5.38E-03	8.57E-06	3.66E+02
	0305-010.0	5.69E+00	2.47E-02	5.75E-04	3.58E+02	5.71E-03	9.10E-06	3.64E+02
ADP-minerals [kg Sb-Eq.]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	1.44E-02	1.87E-07	5.27E-08	6.15E-02	5.24E-07	3.03E-10	7.58E-02
	1205-001.0	1.47E-02	1.92E-07	5.41E-08	7.34E-02	5.38E-07	3.11E-10	8.81E-02
	1205-001.5	1.47E-02	1.92E-07	5.41E-08	1.22E-01	5.38E-07	3.11E-10	1.37E-01
	1505-001.5	1.50E-02	1.96E-07	5.52E-08	1.22E-01	5.49E-07	3.17E-10	1.37E-01
	1205-002.0	1.52E-02	1.99E-07	5.60E-08	1.54E-01	5.57E-07	3.22E-10	1.69E-01
	1505-002.0	1.55E-02	2.03E-07	5.71E-08	1.70E-01	5.68E-07	3.28E-10	1.85E-01
	0205-001.5	1.77E-02	2.32E-07	6.52E-08	1.06E-01	6.48E-07	3.75E-10	1.24E-01
	0205H-001.5	1.77E-02	2.32E-07	6.52E-08	8.23E-02	6.48E-07	3.75E-10	1.00E-01
	0205-002.0	1.84E-02	2.40E-07	6.77E-08	1.65E-01	6.73E-07	3.89E-10	1.83E-01
	0205H-002.0	1.84E-02	2.40E-07	6.77E-08	1.29E-01	6.73E-07	3.89E-10	1.47E-01
	2505-001.5	1.85E-02	2.42E-07	6.81E-08	1.20E-01	6.77E-07	3.92E-10	1.38E-01
	2505-002.0	1.89E-02	2.47E-07	6.96E-08	1.69E-01	6.92E-07	4.00E-10	1.87E-01
	1205-003.0	1.93E-02	2.52E-07	7.09E-08	2.48E-01	7.05E-07	4.08E-10	2.67E-01
	1505-003.0	2.01E-02	2.62E-07	7.39E-08	2.30E-01	7.35E-07	4.25E-10	2.50E-01

	0205-003.0	2.11E-02	2.76E-07	7.77E-08	2.27E-01	7.72E-07	4.47E-10	2.48E-01
REF	1505-005.0	2.24E-02	2.93E-07	8.24E-08	4.19E-01	8.20E-07	4.74E-10	4.42E-01
	2505-003.0	2.26E-02	2.95E-07	8.30E-08	2.56E-01	8.25E-07	4.77E-10	2.78E-01
	0205-005.0	2.35E-02	3.06E-07	8.63E-08	4.32E-01	8.58E-07	4.96E-10	4.56E-01
	0305-003.0	2.41E-02	3.15E-07	8.87E-08	2.45E-01	8.82E-07	5.10E-10	2.69E-01
	0205-007.5	2.46E-02	3.22E-07	9.06E-08	5.62E-01	9.01E-07	5.21E-10	5.87E-01
	2505-005.0	2.53E-02	3.30E-07	9.30E-08	4.14E-01	9.25E-07	5.35E-10	4.40E-01
	0305-005.0	2.65E-02	3.46E-07	9.74E-08	4.37E-01	9.68E-07	5.60E-10	4.64E-01
	2505-007.5	2.67E-02	3.49E-07	9.83E-08	6.12E-01	9.77E-07	5.65E-10	6.38E-01
	0305-007.5	2.77E-02	3.61E-07	1.02E-07	6.20E-01	1.01E-06	5.85E-10	6.47E-01
	0205-010.0	3.16E-02	4.12E-07	1.16E-07	8.17E-01	1.15E-06	6.68E-10	8.49E-01
	0305-010.0	3.35E-02	4.38E-07	1.23E-07	8.11E-01	1.23E-06	7.09E-10	8.45E-01
ADP-fossil [MJ-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	6.87E+03	5.79E+00	5.35E-01	1.57E+05	5.32E+00	7.06E-03	1.64E+05
	1205-001.0	7.05E+03	5.94E+00	5.49E-01	1.87E+05	5.46E+00	7.25E-03	1.95E+05
	1205-001.5	7.05E+03	5.94E+00	5.49E-01	3.12E+05	5.46E+00	7.25E-03	3.19E+05
	1505-001.5	7.19E+03	6.06E+00	5.60E-01	3.12E+05	5.56E+00	7.39E-03	3.19E+05
	1205-002.0	7.30E+03	6.15E+00	5.68E-01	3.93E+05	5.65E+00	7.50E-03	4.00E+05
	1505-002.0	7.44E+03	6.27E+00	5.79E-01	4.33E+05	5.76E+00	7.64E-03	4.41E+05
	0205-001.5	8.50E+03	7.16E+00	6.61E-01	2.71E+05	6.58E+00	8.73E-03	2.80E+05
	0205H-001.5	8.50E+03	7.16E+00	6.61E-01	2.10E+05	6.58E+00	8.73E-03	2.19E+05
	0205-002.0	8.81E+03	7.43E+00	6.86E-01	4.20E+05	6.82E+00	9.06E-03	4.29E+05
	0205H-002.0	8.81E+03	7.43E+00	6.86E-01	3.29E+05	6.82E+00	9.06E-03	3.38E+05
	2505-001.5	8.87E+03	7.48E+00	6.90E-01	3.06E+05	6.86E+00	9.12E-03	3.15E+05
	2505-002.0	9.06E+03	7.64E+00	7.05E-01	4.31E+05	7.01E+00	9.31E-03	4.40E+05
	1205-003.0	9.24E+03	7.79E+00	7.19E-01	6.33E+05	7.15E+00	9.50E-03	6.43E+05
	1505-003.0	9.63E+03	8.12E+00	7.49E-01	5.88E+05	7.45E+00	9.89E-03	5.97E+05
	0205-003.0	1.01E+04	8.53E+00	7.88E-01	5.80E+05	7.83E+00	1.04E-02	5.90E+05
REF	1505-005.0	1.07E+04	9.06E+00	8.36E-01	1.07E+06	8.31E+00	1.10E-02	1.08E+06
	2505-003.0	1.08E+04	9.11E+00	8.42E-01	6.54E+05	8.37E+00	1.11E-02	6.64E+05
	0205-005.0	1.12E+04	9.47E+00	8.75E-01	1.10E+06	8.70E+00	1.16E-02	1.12E+06
	0305-003.0	1.16E+04	9.74E+00	9.00E-01	6.26E+05	8.94E+00	1.19E-02	6.37E+05
	0205-007.5	1.18E+04	9.95E+00	9.19E-01	1.44E+06	9.13E+00	1.21E-02	1.45E+06
	2505-005.0	1.21E+04	1.02E+01	9.43E-01	1.06E+06	9.38E+00	1.25E-02	1.07E+06
	0305-005.0	1.27E+04	1.07E+01	9.87E-01	1.12E+06	9.82E+00	1.30E-02	1.13E+06
	2505-007.5	1.28E+04	1.08E+01	9.97E-01	1.56E+06	9.91E+00	1.32E-02	1.58E+06
	0305-007.5	1.32E+04	1.12E+01	1.03E+00	1.58E+06	1.03E+01	1.36E-02	1.60E+06
	0205-010.0	1.51E+04	1.27E+01	1.18E+00	2.09E+06	1.17E+01	1.55E-02	2.10E+06
	0305-010.0	1.61E+04	1.35E+01	1.25E+00	2.07E+06	1.24E+01	1.65E-02	2.09E+06

WDP [m3-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	1.62E+02	1.61E-02	2.54E-03	1.06E+04	2.53E-02	3.59E-05	1.07E+04
	1205-001.0	1.66E+02	1.65E-02	2.61E-03	1.26E+04	2.60E-02	3.68E-05	1.28E+04
	1205-001.5	1.66E+02	1.65E-02	2.61E-03	2.09E+04	2.60E-02	3.68E-05	2.11E+04
	1505-001.5	1.70E+02	1.68E-02	2.66E-03	2.09E+04	2.65E-02	3.76E-05	2.11E+04
	1205-002.0	1.72E+02	1.71E-02	2.70E-03	2.64E+04	2.69E-02	3.81E-05	2.66E+04
	1505-002.0	1.75E+02	1.74E-02	2.75E-03	2.91E+04	2.74E-02	3.89E-05	2.93E+04
	0205-001.5	2.00E+02	1.99E-02	3.15E-03	1.82E+04	3.13E-02	4.44E-05	1.84E+04
	0205H-001.5	2.00E+02	1.99E-02	3.15E-03	1.41E+04	3.13E-02	4.44E-05	1.43E+04
	0205-002.0	2.08E+02	2.06E-02	3.26E-03	2.83E+04	3.25E-02	4.61E-05	2.85E+04
	0205H-002.0	2.08E+02	2.06E-02	3.26E-03	2.21E+04	3.25E-02	4.61E-05	2.23E+04
	2505-001.5	2.09E+02	2.07E-02	3.28E-03	2.06E+04	3.27E-02	4.63E-05	2.08E+04
	2505-002.0	2.14E+02	2.12E-02	3.36E-03	2.89E+04	3.34E-02	4.74E-05	2.91E+04
	1205-003.0	2.18E+02	2.16E-02	3.42E-03	4.25E+04	3.40E-02	4.83E-05	4.28E+04
	1505-003.0	2.27E+02	2.25E-02	3.57E-03	3.95E+04	3.54E-02	5.03E-05	3.97E+04
	0205-003.0	2.39E+02	2.36E-02	3.75E-03	3.90E+04	3.73E-02	5.29E-05	3.92E+04
REF	1505-005.0	2.53E+02	2.51E-02	3.98E-03	7.20E+04	3.96E-02	5.61E-05	7.22E+04
	2505-003.0	2.55E+02	2.53E-02	4.00E-03	4.39E+04	3.98E-02	5.65E-05	4.42E+04
	0205-005.0	2.65E+02	2.63E-02	4.16E-03	7.42E+04	4.14E-02	5.87E-05	7.45E+04
	0305-003.0	2.73E+02	2.70E-02	4.28E-03	4.20E+04	4.25E-02	6.04E-05	4.23E+04
	0205-007.5	2.78E+02	2.76E-02	4.37E-03	9.65E+04	4.35E-02	6.17E-05	9.68E+04
	2505-005.0	2.86E+02	2.83E-02	4.49E-03	7.11E+04	4.46E-02	6.33E-05	7.14E+04
	0305-005.0	2.99E+02	2.96E-02	4.70E-03	7.51E+04	4.67E-02	6.63E-05	7.54E+04
	2505-007.5	3.02E+02	2.99E-02	4.74E-03	1.05E+05	4.72E-02	6.69E-05	1.05E+05
	0305-007.5	3.13E+02	3.10E-02	4.91E-03	1.06E+05	4.88E-02	6.92E-05	1.07E+05
	0205-010.0	3.57E+02	3.53E-02	5.60E-03	1.40E+05	5.57E-02	7.90E-05	1.41E+05
	0305-010.0	3.79E+02	3.75E-02	5.95E-03	1.39E+05	5.91E-02	8.39E-05	1.40E+05
RPRE [MJ-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	3.55E+02	1.23E-02	1.90E-03	1.35E+04	1.89E-02	2.86E-05	1.38E+04
	1205-001.0	3.64E+02	1.26E-02	1.95E-03	1.61E+04	1.94E-02	2.94E-05	1.65E+04
	1205-001.5	3.64E+02	1.26E-02	1.95E-03	2.68E+04	1.94E-02	2.94E-05	2.71E+04
	1505-001.5	3.71E+02	1.28E-02	1.99E-03	2.68E+04	1.98E-02	3.00E-05	2.71E+04
	1205-002.0	3.77E+02	1.30E-02	2.02E-03	3.37E+04	2.01E-02	3.04E-05	3.41E+04
	1505-002.0	3.84E+02	1.33E-02	2.06E-03	3.72E+04	2.05E-02	3.10E-05	3.76E+04
	0205-001.5	4.38E+02	1.52E-02	2.35E-03	2.33E+04	2.34E-02	3.54E-05	2.37E+04
	0205H-001.5	4.38E+02	1.52E-02	2.35E-03	1.81E+04	2.34E-02	3.54E-05	1.85E+04
	0205-002.0	4.55E+02	1.57E-02	2.44E-03	3.61E+04	2.43E-02	3.67E-05	3.66E+04

	0205H-002.0	4.55E+02	1.57E-02	2.44E-03	2.83E+04	2.43E-02	3.67E-05	2.87E+04
	2505-001.5	4.58E+02	1.58E-02	2.46E-03	2.63E+04	2.44E-02	3.70E-05	2.68E+04
	2505-002.0	4.68E+02	1.62E-02	2.51E-03	3.70E+04	2.49E-02	3.78E-05	3.74E+04
	1205-003.0	4.77E+02	1.65E-02	2.56E-03	5.44E+04	2.54E-02	3.85E-05	5.49E+04
	1505-003.0	4.97E+02	1.72E-02	2.67E-03	5.05E+04	2.65E-02	4.01E-05	5.10E+04
	0205-003.0	5.22E+02	1.81E-02	2.80E-03	4.98E+04	2.79E-02	4.22E-05	5.03E+04
REF	1505-005.0	5.54E+02	1.92E-02	2.97E-03	9.20E+04	2.96E-02	4.48E-05	9.29E+04
	2505-003.0	5.58E+02	1.93E-02	2.99E-03	5.61E+04	2.98E-02	4.51E-05	5.67E+04
	0205-005.0	5.80E+02	2.01E-02	3.11E-03	9.48E+04	3.09E-02	4.68E-05	9.54E+04
	0305-003.0	5.96E+02	2.06E-02	3.20E-03	5.37E+04	3.18E-02	4.82E-05	5.43E+04
	0205-007.5	6.09E+02	2.11E-02	3.27E-03	1.23E+05	3.25E-02	4.92E-05	1.24E+05
	2505-005.0	6.25E+02	2.16E-02	3.36E-03	9.09E+04	3.34E-02	5.05E-05	9.15E+04
	0305-005.0	6.54E+02	2.26E-02	3.51E-03	9.59E+04	3.49E-02	5.29E-05	9.66E+04
	2505-007.5	6.61E+02	2.29E-02	3.55E-03	1.34E+05	3.53E-02	5.34E-05	1.35E+05
	0305-007.5	6.84E+02	2.36E-02	3.67E-03	1.36E+05	3.65E-02	5.52E-05	1.37E+05
	0205-010.0	7.80E+02	2.70E-02	4.19E-03	1.79E+05	4.16E-02	6.30E-05	1.80E+05
	0305-010.0	8.29E+02	2.87E-02	4.45E-03	1.78E+05	4.42E-02	6.69E-05	1.79E+05
RPRM [MJ-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	2.27E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+02
	1205-001.0	2.33E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+02
	1205-001.5	2.33E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+02
	1505-001.5	2.37E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+02
	1205-002.0	2.41E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E+02
	1505-002.0	2.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+02
	0205-001.5	2.80E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E+02
	0205H-001.5	2.80E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E+02
	0205-002.0	2.91E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E+02
	0205H-002.0	2.91E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E+02
	2505-001.5	2.92E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+02
	2505-002.0	2.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+02
	1205-003.0	3.05E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E+02
	1505-003.0	3.17E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E+02
	0205-003.0	3.34E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E+02
REF	1505-005.0	3.54E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+02
	2505-003.0	3.56E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E+02
	0205-005.0	3.71E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E+02
	0305-003.0	3.81E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E+02
	0205-007.5	3.89E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E+02
	2505-005.0	4.00E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E+02

	0305-005.0	4.18E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E+02
	2505-007.5	4.22E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+02
	0305-007.5	4.37E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E+02
	0205-010.0	4.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E+02
	0305-010.0	5.29E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E+02
RPRT [MJ-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	5.81E+02	1.23E-02	1.90E-03	1.35E+04	1.89E-02	2.86E-05	1.41E+04
	1205-001.0	5.96E+02	1.26E-02	1.95E-03	1.61E+04	1.94E-02	2.94E-05	1.67E+04
	1205-001.5	5.96E+02	1.26E-02	1.95E-03	2.68E+04	1.94E-02	2.94E-05	2.74E+04
	1505-001.5	6.08E+02	1.28E-02	1.99E-03	2.68E+04	1.98E-02	3.00E-05	2.74E+04
	1205-002.0	6.17E+02	1.30E-02	2.02E-03	3.37E+04	2.01E-02	3.04E-05	3.43E+04
	1505-002.0	6.29E+02	1.33E-02	2.06E-03	3.72E+04	2.05E-02	3.10E-05	3.78E+04
	0205-001.5	7.19E+02	1.52E-02	2.35E-03	2.33E+04	2.34E-02	3.54E-05	2.40E+04
	0205H-001.5	7.19E+02	1.52E-02	2.35E-03	1.81E+04	2.34E-02	3.54E-05	1.88E+04
	0205-002.0	7.45E+02	1.57E-02	2.44E-03	3.61E+04	2.43E-02	3.67E-05	3.69E+04
	0205H-002.0	7.45E+02	1.57E-02	2.44E-03	2.83E+04	2.43E-02	3.67E-05	2.90E+04
	2505-001.5	7.50E+02	1.58E-02	2.46E-03	2.63E+04	2.44E-02	3.70E-05	2.71E+04
	2505-002.0	7.66E+02	1.62E-02	2.51E-03	3.70E+04	2.49E-02	3.78E-05	3.77E+04
	1205-003.0	7.81E+02	1.65E-02	2.56E-03	5.44E+04	2.54E-02	3.85E-05	5.52E+04
	1505-003.0	8.14E+02	1.72E-02	2.67E-03	5.05E+04	2.65E-02	4.01E-05	5.13E+04
	0205-003.0	8.56E+02	1.81E-02	2.80E-03	4.98E+04	2.79E-02	4.22E-05	5.07E+04
REF	1505-005.0	9.08E+02	1.92E-02	2.97E-03	9.20E+04	2.96E-02	4.48E-05	9.29E+04
	2505-003.0	9.14E+02	1.93E-02	2.99E-03	5.61E+04	2.98E-02	4.51E-05	5.70E+04
	0205-005.0	9.50E+02	2.01E-02	3.11E-03	9.48E+04	3.09E-02	4.68E-05	9.58E+04
	0305-003.0	9.77E+02	2.06E-02	3.20E-03	5.37E+04	3.18E-02	4.82E-05	5.47E+04
	0205-007.5	9.98E+02	2.11E-02	3.27E-03	1.23E+05	3.25E-02	4.92E-05	1.24E+05
	2505-005.0	1.02E+03	2.16E-02	3.36E-03	9.09E+04	3.34E-02	5.05E-05	9.19E+04
	0305-005.0	1.07E+03	2.26E-02	3.51E-03	9.59E+04	3.49E-02	5.29E-05	9.70E+04
	2505-007.5	1.08E+03	2.29E-02	3.55E-03	1.34E+05	3.53E-02	5.34E-05	1.35E+05
	0305-007.5	1.12E+03	2.36E-02	3.67E-03	1.36E+05	3.65E-02	5.52E-05	1.37E+05
	0205-010.0	1.28E+03	2.70E-02	4.19E-03	1.79E+05	4.16E-02	6.30E-05	1.81E+05
	0305-010.0	1.36E+03	2.87E-02	4.45E-03	1.78E+05	4.42E-02	6.69E-05	1.79E+05
NRPRE [MJ-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	6.87E+03	5.79E+00	5.35E-01	1.57E+05	5.32E+00	7.06E-03	1.64E+05
	1205-001.0	7.05E+03	5.95E+00	5.49E-01	1.87E+05	5.46E+00	7.25E-03	1.95E+05
	1205-001.5	7.05E+03	5.95E+00	5.49E-01	3.12E+05	5.46E+00	7.25E-03	3.19E+05
	1505-001.5	7.18E+03	6.06E+00	5.60E-01	3.12E+05	5.57E+00	7.39E-03	3.19E+05

	1205-002.0	7.29E+03	6.15E+00	5.68E-01	3.93E+05	5.65E+00	7.50E-03	4.00E+05
	1505-002.0	7.43E+03	6.27E+00	5.79E-01	4.33E+05	5.76E+00	7.64E-03	4.41E+05
	0205-001.5	8.49E+03	7.16E+00	6.62E-01	2.71E+05	6.58E+00	8.74E-03	2.80E+05
	0205H-001.5	8.49E+03	7.16E+00	6.62E-01	2.10E+05	6.58E+00	8.74E-03	2.19E+05
	0205-002.0	8.81E+03	7.43E+00	6.86E-01	4.21E+05	6.82E+00	9.06E-03	4.29E+05
	0205H-002.0	8.81E+03	7.43E+00	6.86E-01	3.29E+05	6.82E+00	9.06E-03	3.38E+05
	2505-001.5	8.86E+03	7.48E+00	6.91E-01	3.07E+05	6.87E+00	9.12E-03	3.15E+05
	2505-002.0	9.05E+03	7.64E+00	7.06E-01	4.31E+05	7.02E+00	9.32E-03	4.40E+05
	1205-003.0	9.23E+03	7.79E+00	7.20E-01	6.33E+05	7.15E+00	9.50E-03	6.43E+05
	1505-003.0	9.62E+03	8.12E+00	7.50E-01	5.88E+05	7.45E+00	9.90E-03	5.97E+05
	0205-003.0	1.01E+04	8.53E+00	7.88E-01	5.80E+05	7.84E+00	1.04E-02	5.90E+05
REF	1505-005.0	1.07E+04	9.06E+00	8.36E-01	1.07E+06	8.32E+00	1.10E-02	1.08E+06
	2505-003.0	1.08E+04	9.12E+00	8.42E-01	6.54E+05	8.37E+00	1.11E-02	6.64E+05
	0205-005.0	1.12E+04	9.48E+00	8.75E-01	1.10E+06	8.70E+00	1.16E-02	1.12E+06
	0305-003.0	1.15E+04	9.74E+00	9.00E-01	6.26E+05	8.94E+00	1.19E-02	6.37E+05
	0205-007.5	1.18E+04	9.95E+00	9.19E-01	1.44E+06	9.14E+00	1.21E-02	1.45E+06
	2505-005.0	1.21E+04	1.02E+01	9.44E-01	1.06E+06	9.38E+00	1.25E-02	1.07E+06
	0305-005.0	1.27E+04	1.07E+01	9.88E-01	1.12E+06	9.82E+00	1.30E-02	1.13E+06
	2505-007.5	1.28E+04	1.08E+01	9.97E-01	1.56E+06	9.91E+00	1.32E-02	1.58E+06
	0305-007.5	1.32E+04	1.12E+01	1.03E+00	1.58E+06	1.03E+01	1.36E-02	1.60E+06
	0205-010.0	1.51E+04	1.27E+01	1.18E+00	2.09E+06	1.17E+01	1.55E-02	2.10E+06
	0305-010.0	1.60E+04	1.35E+01	1.25E+00	2.07E+06	1.24E+01	1.65E-02	2.09E+06
NRPRM [MJ-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	1.21E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+01
	1205-001.0	1.24E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+01
	1205-001.5	1.24E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+01
	1505-001.5	1.26E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+01
	1205-002.0	1.28E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+01
	1505-002.0	1.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+01
	0205-001.5	1.49E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+01
	0205H-001.5	1.49E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+01
	0205-002.0	1.55E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+01
	0205H-002.0	1.55E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+01
	2505-001.5	1.56E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+01
	2505-002.0	1.59E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+01
	1205-003.0	1.62E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+01
	1505-003.0	1.69E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+01
	0205-003.0	1.78E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+01
REF	1505-005.0	1.89E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+01

	2505-003.0	1.90E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+01
	0205-005.0	1.97E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+01
	0305-003.0	2.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+01
	0205-007.5	2.07E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E+01
	2505-005.0	2.13E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E+01
	0305-005.0	2.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+01
	2505-007.5	2.25E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+01
	0305-007.5	2.33E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+01
	0205-010.0	2.65E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E+01
	0305-010.0	2.82E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+01
NRPRT [MJ-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	6.88E+03	5.79E+00	5.35E-01	1.57E+05	5.32E+00	7.06E-03	1.64E+05
	1205-001.0	7.06E+03	5.95E+00	5.49E-01	1.87E+05	5.46E+00	7.25E-03	1.95E+05
	1205-001.5	7.06E+03	5.95E+00	5.49E-01	3.12E+05	5.46E+00	7.25E-03	3.19E+05
	1505-001.5	7.20E+03	6.06E+00	5.60E-01	3.12E+05	5.57E+00	7.39E-03	3.19E+05
	1205-002.0	7.31E+03	6.15E+00	5.68E-01	3.93E+05	5.65E+00	7.50E-03	4.00E+05
	1505-002.0	7.44E+03	6.27E+00	5.79E-01	4.33E+05	5.76E+00	7.64E-03	4.41E+05
	0205-001.5	8.50E+03	7.16E+00	6.62E-01	2.71E+05	6.58E+00	8.74E-03	2.80E+05
	0205H-001.5	8.50E+03	7.16E+00	6.62E-01	2.10E+05	6.58E+00	8.74E-03	2.19E+05
	0205-002.0	8.82E+03	7.43E+00	6.86E-01	4.21E+05	6.82E+00	9.06E-03	4.29E+05
	0205H-002.0	8.82E+03	7.43E+00	6.86E-01	3.29E+05	6.82E+00	9.06E-03	3.38E+05
	2505-001.5	8.88E+03	7.48E+00	6.91E-01	3.07E+05	6.87E+00	9.12E-03	3.15E+05
	2505-002.0	9.07E+03	7.64E+00	7.06E-01	4.31E+05	7.02E+00	9.32E-03	4.40E+05
	1205-003.0	9.25E+03	7.79E+00	7.20E-01	6.33E+05	7.15E+00	9.50E-03	6.43E+05
	1505-003.0	9.64E+03	8.12E+00	7.50E-01	5.88E+05	7.45E+00	9.90E-03	5.97E+05
	0205-003.0	1.01E+04	8.53E+00	7.88E-01	5.80E+05	7.84E+00	1.04E-02	5.90E+05
REF	1505-005.0	1.08E+04	9.06E+00	8.36E-01	1.07E+06	8.32E+00	1.10E-02	1.08E+06
	2505-003.0	1.08E+04	9.12E+00	8.42E-01	6.54E+05	8.37E+00	1.11E-02	6.64E+05
	0205-005.0	1.12E+04	9.48E+00	8.75E-01	1.10E+06	8.70E+00	1.16E-02	1.12E+06
	0305-003.0	1.16E+04	9.74E+00	9.00E-01	6.26E+05	8.94E+00	1.19E-02	6.37E+05
	0205-007.5	1.18E+04	9.95E+00	9.19E-01	1.44E+06	9.14E+00	1.21E-02	1.45E+06
	2505-005.0	1.21E+04	1.02E+01	9.44E-01	1.06E+06	9.38E+00	1.25E-02	1.07E+06
	0305-005.0	1.27E+04	1.07E+01	9.88E-01	1.12E+06	9.82E+00	1.30E-02	1.13E+06
	2505-007.5	1.28E+04	1.08E+01	9.97E-01	1.56E+06	9.91E+00	1.32E-02	1.58E+06
	0305-007.5	1.33E+04	1.12E+01	1.03E+00	1.58E+06	1.03E+01	1.36E-02	1.60E+06
	0205-010.0	1.51E+04	1.27E+01	1.18E+00	2.09E+06	1.17E+01	1.55E-02	2.10E+06
	0305-010.0	1.61E+04	1.35E+01	1.25E+00	2.07E+06	1.24E+01	1.65E-02	2.09E+06
SM [MJ-Eq]								

	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
REF	1505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF [MJ-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	2505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
REF	1505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF [MJ-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
REF	1505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	2505-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW [MJ-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
REF	1505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TPE [MJ-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	7.46E+03	5.81E+00	5.37E-01	1.71E+05	5.34E+00	7.09E-03	1.78E+05
	1205-001.0	7.65E+03	5.96E+00	5.51E-01	2.04E+05	5.48E+00	7.28E-03	2.11E+05
	1205-001.5	7.65E+03	5.96E+00	5.51E-01	3.38E+05	5.48E+00	7.28E-03	3.46E+05
	1505-001.5	7.80E+03	6.07E+00	5.62E-01	3.38E+05	5.58E+00	7.42E-03	3.46E+05
	1205-002.0	7.92E+03	6.17E+00	5.70E-01	4.26E+05	5.67E+00	7.53E-03	4.34E+05

	1505-002.0	8.07E+03	6.28E+00	5.81E-01	4.70E+05	5.78E+00	7.68E-03	4.78E+05
	0205-001.5	9.22E+03	7.18E+00	6.64E-01	2.94E+05	6.60E+00	8.77E-03	3.04E+05
	0205H-001.5	9.22E+03	7.18E+00	6.64E-01	2.28E+05	6.60E+00	8.77E-03	2.38E+05
	0205-002.0	9.57E+03	7.45E+00	6.89E-01	4.57E+05	6.85E+00	9.10E-03	4.66E+05
	0205H-002.0	9.57E+03	7.45E+00	6.89E-01	3.58E+05	6.85E+00	9.10E-03	3.67E+05
	2505-001.5	9.63E+03	7.49E+00	6.93E-01	3.33E+05	6.89E+00	9.15E-03	3.42E+05
	2505-002.0	9.84E+03	7.66E+00	7.08E-01	4.68E+05	7.04E+00	9.35E-03	4.77E+05
	1205-003.0	1.00E+04	7.81E+00	7.22E-01	6.88E+05	7.18E+00	9.54E-03	6.98E+05
	1505-003.0	1.04E+04	8.13E+00	7.52E-01	6.38E+05	7.48E+00	9.94E-03	6.49E+05
	0205-003.0	1.10E+04	8.55E+00	7.91E-01	6.30E+05	7.86E+00	1.04E-02	6.41E+05
REF	1505-005.0	1.17E+04	9.08E+00	8.39E-01	1.16E+06	8.35E+00	1.11E-02	1.18E+06
	2505-003.0	1.17E+04	9.13E+00	8.45E-01	7.10E+05	8.40E+00	1.12E-02	7.21E+05
	0205-005.0	1.22E+04	9.50E+00	8.78E-01	1.20E+06	8.73E+00	1.16E-02	1.21E+06
	0305-003.0	1.25E+04	9.76E+00	9.03E-01	6.79E+05	8.98E+00	1.19E-02	6.92E+05
	0205-007.5	1.28E+04	9.97E+00	9.22E-01	1.56E+06	9.17E+00	1.22E-02	1.57E+06
	2505-005.0	1.32E+04	1.02E+01	9.47E-01	1.15E+06	9.42E+00	1.25E-02	1.16E+06
	0305-005.0	1.38E+04	1.07E+01	9.91E-01	1.21E+06	9.85E+00	1.31E-02	1.23E+06
	2505-007.5	1.39E+04	1.08E+01	1.00E+00	1.70E+06	9.95E+00	1.32E-02	1.71E+06
	0305-007.5	1.44E+04	1.12E+01	1.04E+00	1.72E+06	1.03E+01	1.37E-02	1.73E+06
	0205-010.0	1.64E+04	1.28E+01	1.18E+00	2.27E+06	1.17E+01	1.56E-02	2.28E+06
	0305-010.0	1.74E+04	1.36E+01	1.25E+00	2.25E+06	1.25E+01	1.66E-02	2.27E+06
HWD [kg-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
REF	1505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	0205-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NHWD [kg-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-02	2.88E-02
	1205-001.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-02	2.95E-02
	1205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-02	2.95E-02
	1505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-02	3.01E-02
	1205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-02	3.06E-02
	1505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	3.12E-02
	0205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-02	3.56E-02
	0205H-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-02	3.56E-02
	0205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02	3.69E-02
	0205H-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02	3.69E-02
	2505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02	3.72E-02
	2505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-02	3.80E-02
	1205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-02	3.87E-02
	1505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-02	4.03E-02
	0205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-02	4.24E-02
REF	1505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-02	4.50E-02
	2505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-02	4.53E-02
	0205-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-02	4.71E-02
	0305-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-02	4.84E-02
	0205-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-02	4.94E-02
	2505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-02	5.08E-02
	0305-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02	5.31E-02
	2505-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02	5.37E-02
	0305-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02	5.55E-02
	0205-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-02	6.33E-02
	0305-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-02	6.73E-02
RWD [kg-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total

	1205-000.7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
REF	1505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CRU [kg-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	1205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
REF	1505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MR [kg-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C3	C4	Total
	1205-000.7	0.00E+00	0.00E+00	1.31E+01	0.00E+00	4.88E+01	0.00E+00	6.19E+01
	1205-001.0	0.00E+00	0.00E+00	1.34E+01	0.00E+00	5.01E+01	0.00E+00	6.35E+01
	1205-001.5	0.00E+00	0.00E+00	1.34E+01	0.00E+00	5.01E+01	0.00E+00	6.35E+01
	1505-001.5	0.00E+00	0.00E+00	1.37E+01	0.00E+00	5.11E+01	0.00E+00	6.48E+01
	1205-002.0	0.00E+00	0.00E+00	1.39E+01	0.00E+00	5.19E+01	0.00E+00	6.58E+01
	1505-002.0	0.00E+00	0.00E+00	1.42E+01	0.00E+00	5.28E+01	0.00E+00	6.70E+01
	0205-001.5	0.00E+00	0.00E+00	1.62E+01	0.00E+00	6.04E+01	0.00E+00	7.65E+01
	0205H-001.5	0.00E+00	0.00E+00	1.62E+01	0.00E+00	6.04E+01	0.00E+00	7.65E+01
	0205-002.0	0.00E+00	0.00E+00	1.68E+01	0.00E+00	6.26E+01	0.00E+00	7.94E+01
	0205H-002.0	0.00E+00	0.00E+00	1.68E+01	0.00E+00	6.26E+01	0.00E+00	7.94E+01
	2505-001.5	0.00E+00	0.00E+00	1.69E+01	0.00E+00	6.30E+01	0.00E+00	7.99E+01
	2505-002.0	0.00E+00	0.00E+00	1.73E+01	0.00E+00	6.44E+01	0.00E+00	8.16E+01
	1205-003.0	0.00E+00	0.00E+00	1.76E+01	0.00E+00	6.57E+01	0.00E+00	8.32E+01
	1505-003.0	0.00E+00	0.00E+00	1.83E+01	0.00E+00	6.84E+01	0.00E+00	8.67E+01
	0205-003.0	0.00E+00	0.00E+00	1.93E+01	0.00E+00	7.19E+01	0.00E+00	9.12E+01
REF	1505-005.0	0.00E+00	0.00E+00	2.05E+01	0.00E+00	7.63E+01	0.00E+00	96.765
	2505-003.0	0.00E+00	0.00E+00	2.06E+01	0.00E+00	7.68E+01	0.00E+00	9.74E+01
	0205-005.0	0.00E+00	0.00E+00	2.14E+01	0.00E+00	7.98E+01	0.00E+00	1.01E+02
	0305-003.0	0.00E+00	0.00E+00	2.20E+01	0.00E+00	8.21E+01	0.00E+00	1.04E+02
	0205-007.5	0.00E+00	0.00E+00	2.25E+01	0.00E+00	8.38E+01	0.00E+00	1.06E+02
	2505-005.0	0.00E+00	0.00E+00	2.31E+01	0.00E+00	8.61E+01	0.00E+00	1.09E+02
	0305-005.0	0.00E+00	0.00E+00	2.41E+01	0.00E+00	9.01E+01	0.00E+00	1.14E+02
	2505-007.5	0.00E+00	0.00E+00	2.44E+01	0.00E+00	9.10E+01	0.00E+00	1.15E+02
	0305-007.5	0.00E+00	0.00E+00	2.52E+01	0.00E+00	9.41E+01	0.00E+00	1.19E+02

	0205-010.0	0.00E+00	0.00E+00	2.88E+01	0.00E+00	1.07E+02	0.00E+00	1.36E+02
	0305-010.0	0.00E+00	0.00E+00	3.06E+01	0.00E+00	1.14E+02	0.00E+00	1.45E+02
MER [kg-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
REF	1505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE [MJ-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	0205H-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
REF	1505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EET [kg-Eq]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
REF	1505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	0205-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic Carbon Content (Product) [kg C]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205H-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-001.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-002.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
REF	1505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-003.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-005.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2505-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-007.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0205-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0305-010.0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic Carbon Content (Packaging) [kg C]								
	Pump Model	A1-A3	A4	A5	B6	C2	C4	Total
	1205-000.7	6.54E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E+00
	1205-001.0	6.72E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E+00

	1205-001.5	6.72E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E+00
	1505-001.5	6.85E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E+00
	1205-002.0	6.95E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E+00
	1505-002.0	7.08E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E+00
	0205-001.5	8.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E+00
	0205H-001.5	8.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E+00
	0205-002.0	8.39E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E+00
	0205H-002.0	8.39E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E+00
	2505-001.5	8.45E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E+00
	2505-002.0	8.63E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E+00
	1205-003.0	8.80E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E+00
	1505-003.0	9.17E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E+00
	0205-003.0	9.64E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E+00
REF	1505-005.0	1.02E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+01
	2505-003.0	1.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+01
	0205-005.0	1.07E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+01
	0305-003.0	1.10E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+01
	0205-007.5	1.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+01
	2505-005.0	1.15E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+01
	0305-005.0	1.21E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+01
	2505-007.5	1.22E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+01
	0305-007.5	1.26E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+01
	0205-010.0	1.44E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+01
	0305-010.0	1.53E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+01

5. Glossary

Life Cycle Assessment (LCA):

A method to evaluate the environmental impacts associated with all stages of a product's life (manufacture, installation, use, and end-of-life).

Declared unit:

The reference quantity of a product used as a reference in LCA. [ISO 14040]

Homogeneous Environmental Family:

A group of products with identical use, standard, and technology, whose impacts are identical or can be extrapolated from a reference product by applying a defined calculation rule.

Environmental Impact:

Any change to the environment, whether adverse or beneficial, wholly, or partially resulting from an organization's activities, products, or services. [ISO 14050]

PCR (Product Category Rules):


Rules and guidelines for developing Type III environmental declarations for one or multiple product categories. [ISO 14025]

PEP (Product Environmental Profile):

Declaration of a product's environmental aspects drawn up in accordance with the PEP ecopassport® program based on ISO 14025, ISO 14040, and ISO 14044.

Reference product:

Product or product system modeled in the LCA and representative of a homogeneous environmental family.

Registration number: SAAL-43221-V01.01-EN	Drafting rules: <<PEP-PCR-ed4-EN-2021 09 06>>	
Verifier accreditation number: VH44	Information and reference documents: www.pep-ecopassport.org	
Date of Issue: 2026-05	Validity period: 5 years	
Independent verification of the declaration and date, in compliance with ISO 14025: 2006		
Internal: <input type="checkbox"/> External: <input checked="" type="checkbox"/>		
The PCR was conducted by a panel of experts chaired by Julie ORGELET (DDemain)		
PEP are compliant with XP C08-100-1: 2016 or EN 50693: 2019		
The elements of the present PEP cannot be compared with elements from another program.		
Document in compliance with ISO 14025: 2006 'Environmental labels and declaration. Type III environmental declarations'		

Margaret Logan mlogan@armstrongfluidtechnology.com Ana Djordjevic adjordjevic@armstrongfluidtechnology.com +(1) 416-755-2291
 Armstrong Fluid Technology 23 Bertrand Avenue, Toronto, ON CANADA

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The manufacturer reserves the right to change any product specifications without notice.

¹ https://www1.eere.energy.gov/manufacturing/tech_assistance/pdfs/pumplcc_1001.pdf