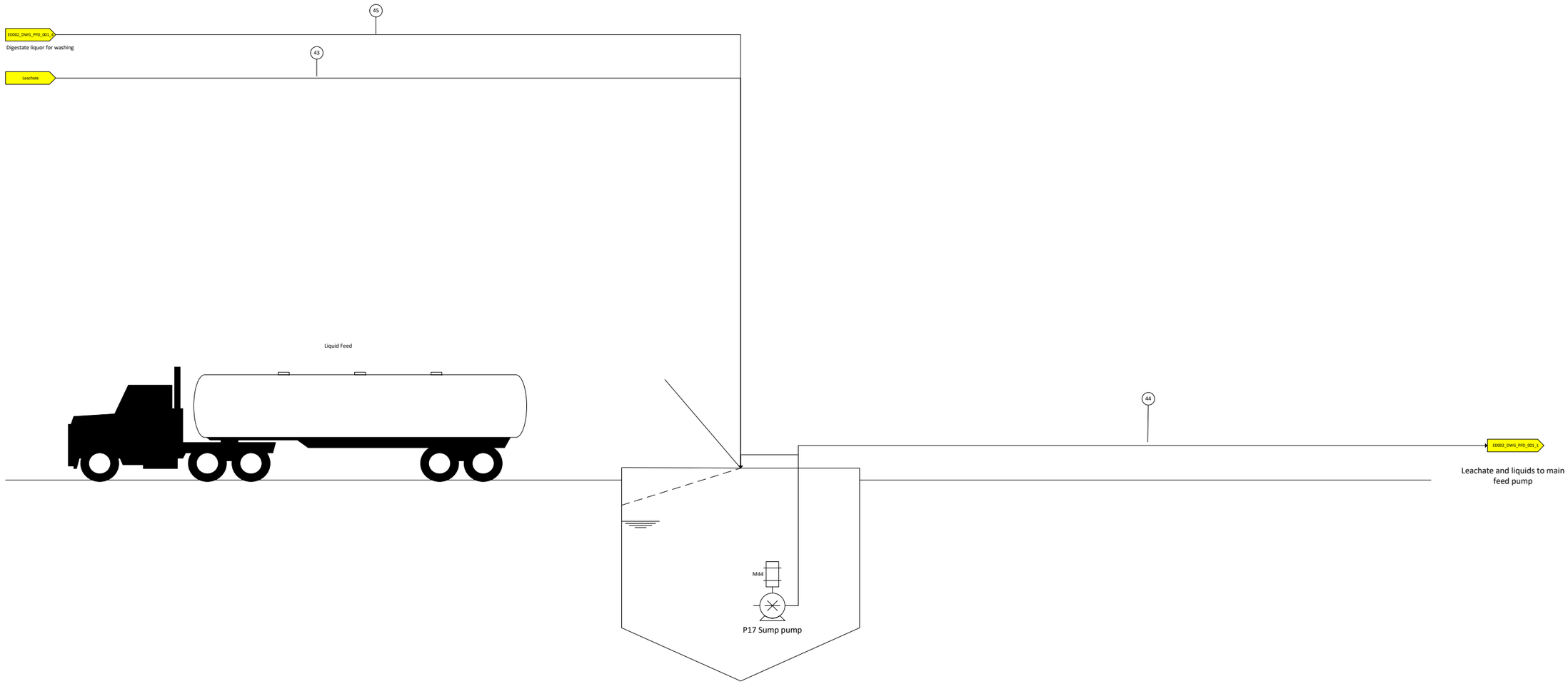
P17 Sump pump
Design Conditions: Submerged, high solids, retractable
Flowrate: 10 m3/hr
Pressure: 3 barg
Motor: 44
Electrical Capacity: 3 kW

T09 Inground organic sludge receiving tank
Design Conditions: Inside with lid (in ground)
Material Concrete or steel
Volume: 30 m3



T09 Leachate and liquid waste In-Ground Tank (Located in Main processing building)

Stream number		43	44	45
Stream Name		leachate	leachate feed	recycled liquor
Commodity		liquid	liquid	liquid
pH		5 to 6	6	7
Frequency of removal/supply	per day	NA	NA	NA
Normal flow rate	(m3/hr)	0.1	0.1	0
Design Flow Rate	(m3/hr)	0.5	1.5	1
Density	(kg/m3)	1000	1000	1000
Pressure	(kPag)	0	<300	<300
Temperature	(deg C)	20	25	30
Total Solids	(TS%)	<5%	<5%	1 to 3 %
Volatile Solids	(VS%)	~90%	~90%	77%

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Rev	Review	By	Check	App.	Date	Issued for
9	Depackaging line only allowed for in layout	DB			2019/05/27	REVIEW
10		DB			2019/05/27	
11		DB			2019/05/27	

Process Flow Diagram: Additional Feeding

Drawing number:	Compiled:	Page:	Rev
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