

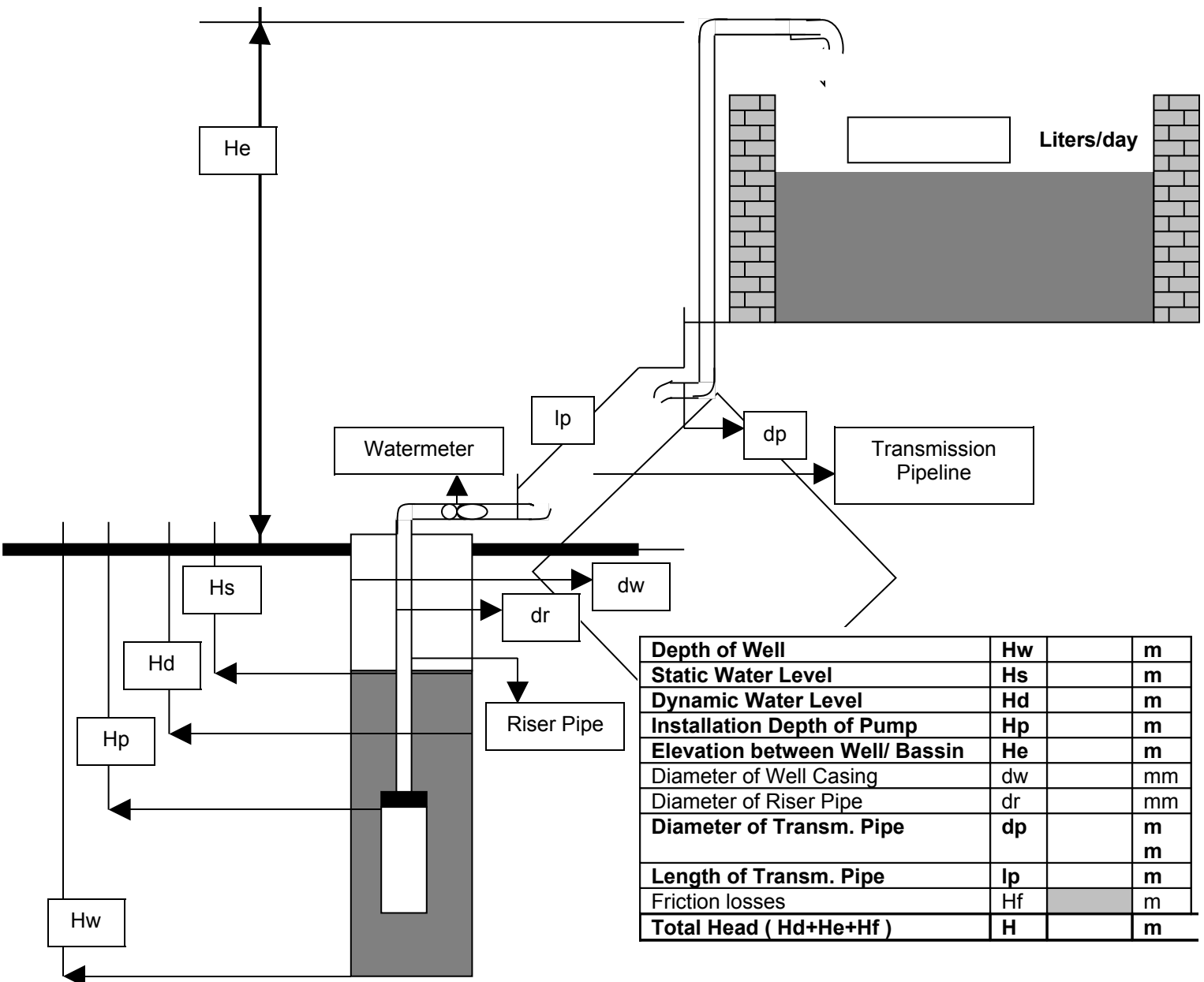
## Pump Design Sheet

**Personal Information**

Farm/ Place	
Contact	
Phone/ Fax	
Address	
Address	
Date	

**Water demand**

Cows, @50L/day	head
Sheep, @10L/day	head
Goats, @10L/day	head
Game, @10L/day	head
Irrigation	m <sup>3</sup> / d



<b>Depth of Well</b>	<b>Hw</b>	<b>m</b>
<b>Static Water Level</b>	<b>Hs</b>	<b>m</b>
<b>Dynamic Water Level</b>	<b>Hd</b>	<b>m</b>
<b>Installation Depth of Pump</b>	<b>Hp</b>	<b>m</b>
<b>Elevation between Well/ Bassin</b>	<b>He</b>	<b>m</b>
Diameter of Well Casing	dw	mm
Diameter of Riser Pipe	dr	mm
<b>Diameter of Transm. Pipe</b>	<b>dp</b>	<b>m</b>
<b>Length of Transm. Pipe</b>	<b>lp</b>	<b>m</b>
Friction losses	Hf	m
<b>Total Head ( Hd+He+Hf )</b>	<b>H</b>	<b>m</b>