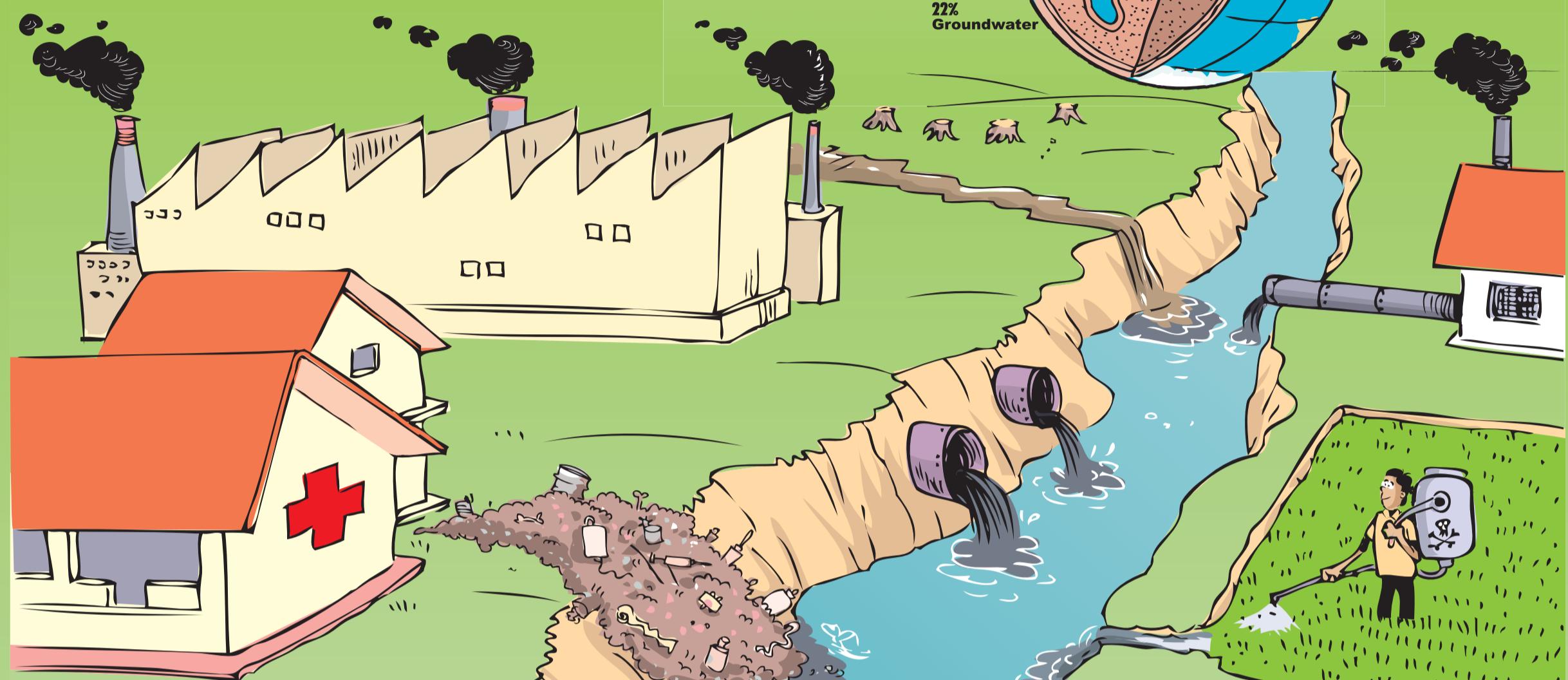
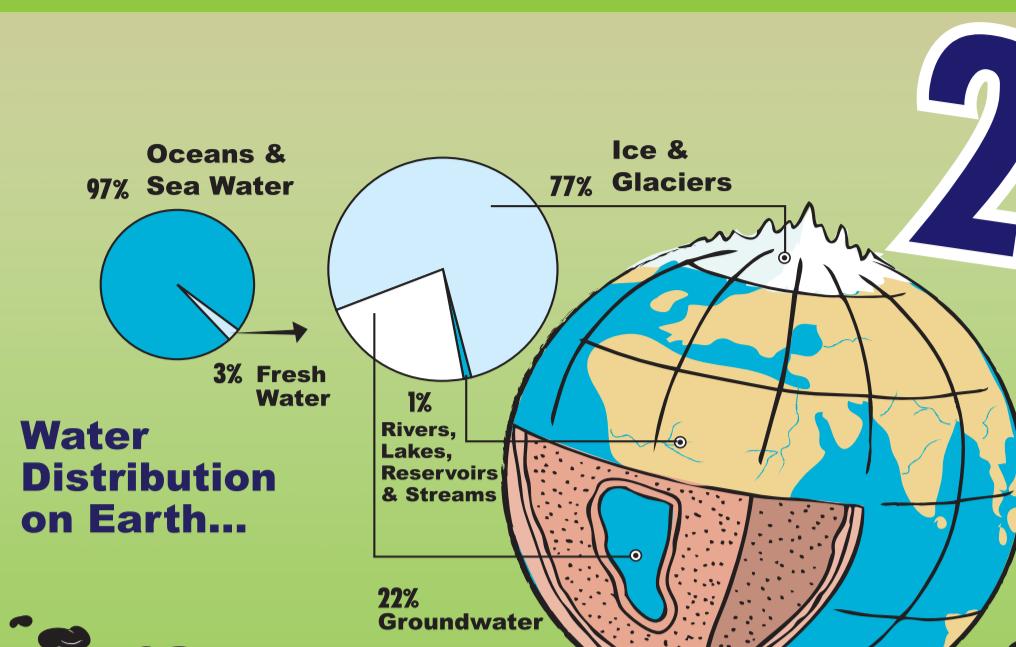


# Water... is our lifeblood...

This limited amount of usable water  
is already under threat...!

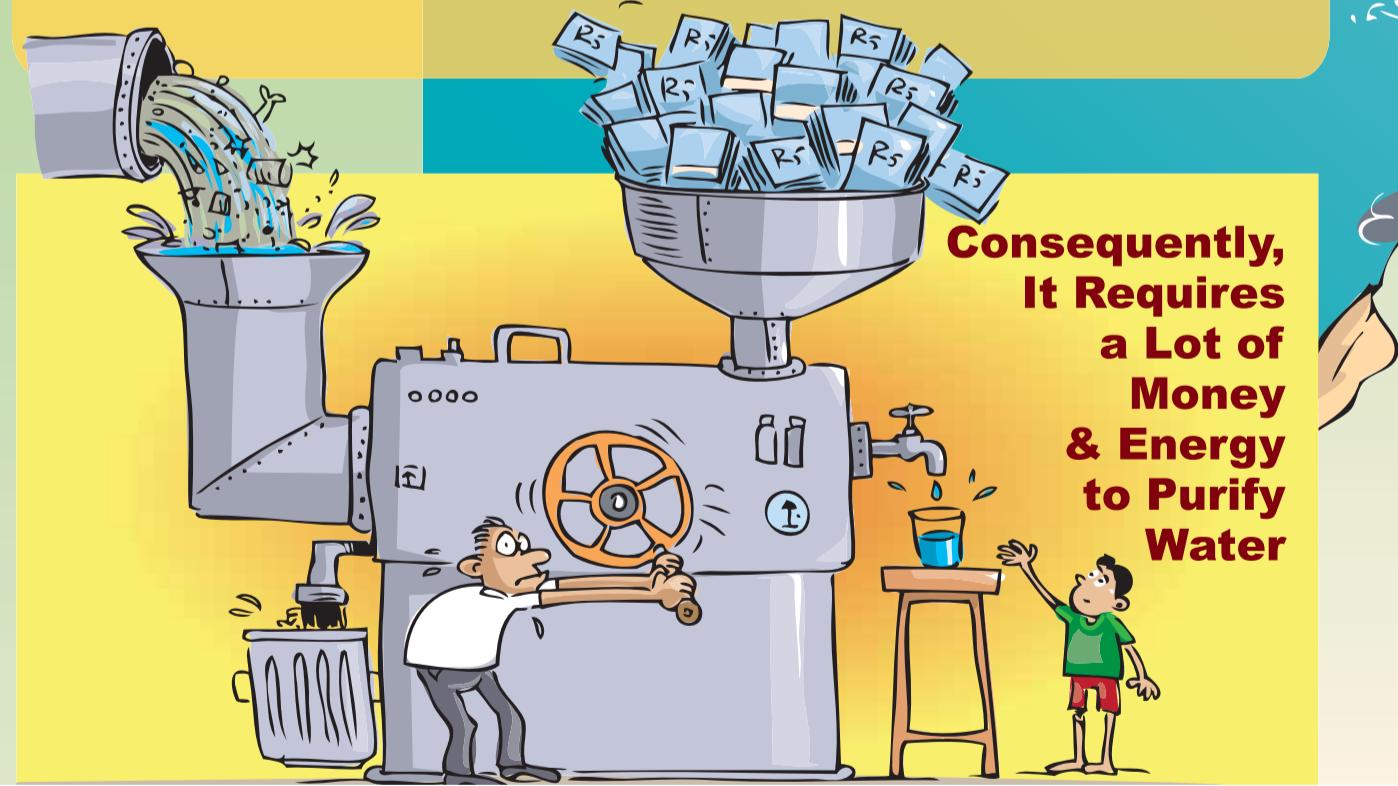
# 2015



Sources of fresh water gets polluted daily...  
Due to various harmful human activities..



When the water pollution increases...  
Advance Water Treatment Technologies are required  
for Water purification...



**There is NO LIFE without Water..!**

**Devote to Save Water Sources  
Whenever & Wherever..!**

## JANUARY

MON	TUE	WED	THU	FRI	SAT	SUN
1	2	3	4			
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

## FEBRUARY

MON	TUE	WED	THU	FRI	SAT	SUN
1						
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

• Bank Holiday   ■ Public Holiday   ▲ Mercantile Holiday   ● Poya Day



**Ministry of Water Supply & Drainage  
National Water Supply & Drainage Board**

**Greater Kandy Water Supply Project  
Pahala Kondadeniya, Katugastota**

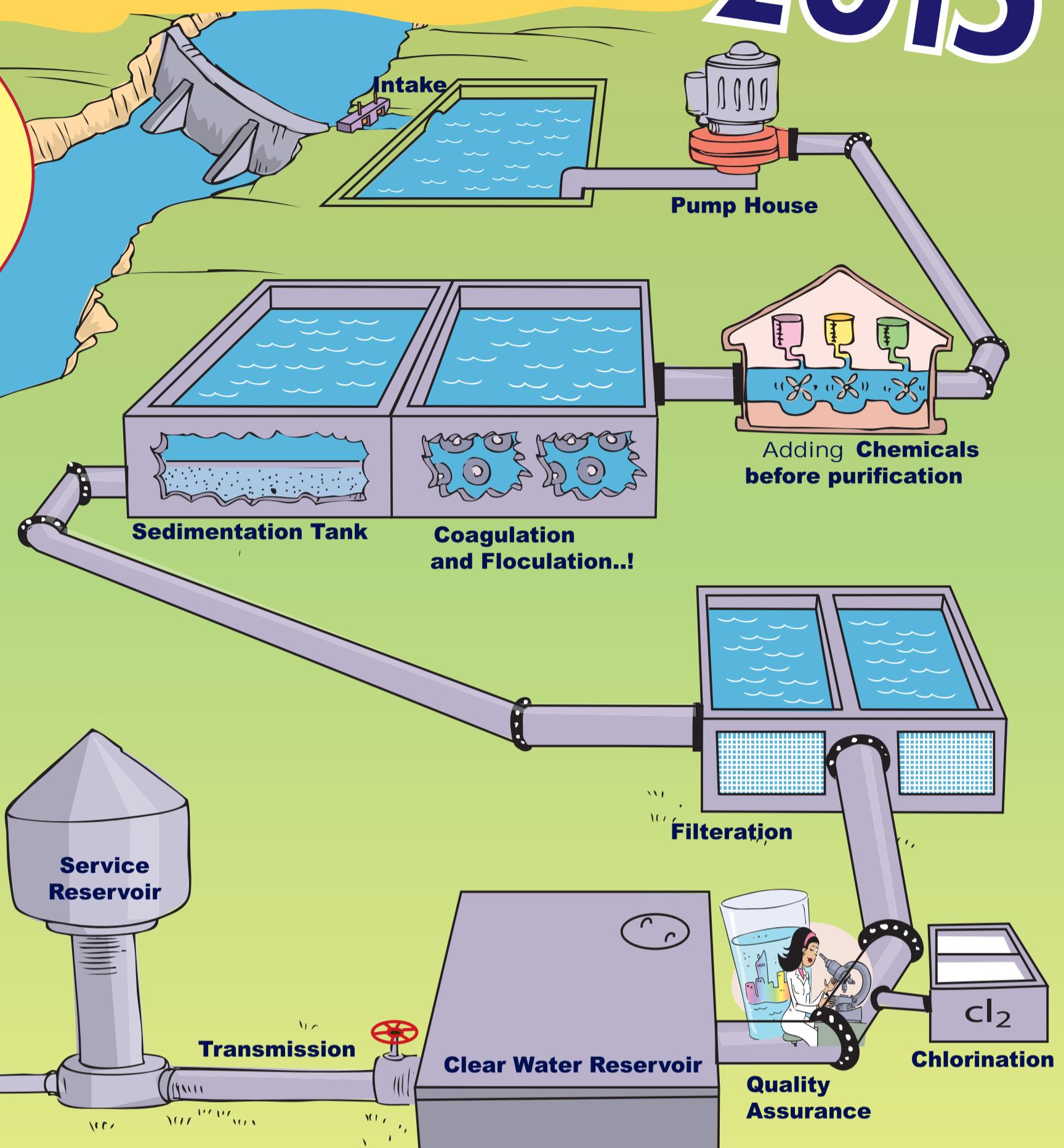
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Email - nwsdbgkp@sltnet.lk  
greaterkandyp@gmail.com

# Actual cost for providing purified water to your doorstep...

**2015**

Today,  
I'm going to explain you  
the water treatment process  
in brief...  
and how it is safely delivered  
to your home...

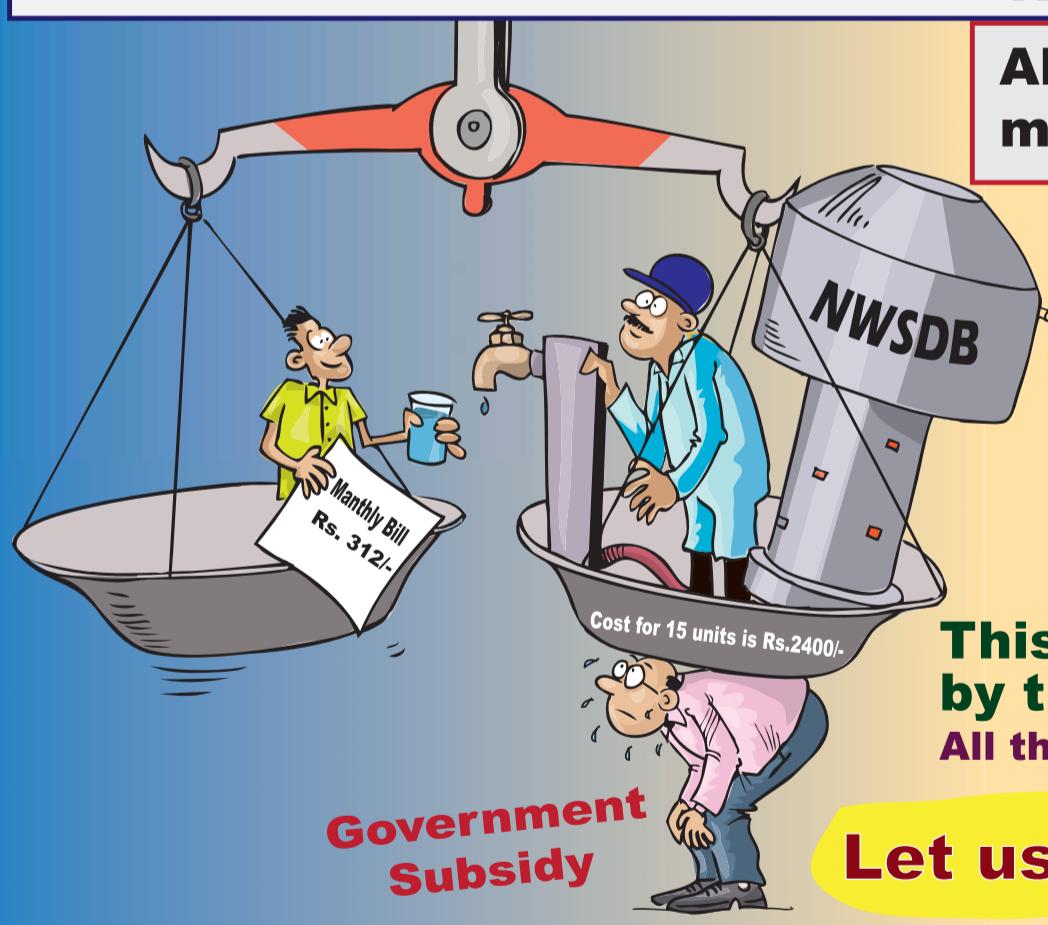
The raw water taken from  
rivers or lakes  
should be treated  
in various steps...



Lot of money is spent on construction of water treatment plants, storage tanks and distribution pipe lines...

We call it as "Capital Cost"...

Also we spend a considerable amount of money for operation and maintenance activities.. We call it "Operation & Maintenance Cost"...



To produce 1 unit (1000 liters) of water...  
Capital cost= Rs.120/-  
Operation & maintenance cost= Rs.40/-  
Therefore  
**cost for producing  
1 unit of water = Rs.160/-**

This additional cost is borne  
by the Sri Lankan Government...

All the subsidies given is made through our national wealth, which is contributed by people...

A family of four requires  
an average of 15 units of water  
each month...

Cost for producing 15 units  
of water= Rs.160 x 15 = Rs.2,400/-  
However,  
the monthly water bill = Rs.312/-

**Let us save & conserve water..! & minimize water wastage...**

## MARCH

MON	TUE	WED	THU	FRI	SAT	SUN
30	31		1			
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

## APRIL

MON	TUE	WED	THU	FRI	SAT	SUN
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

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# 2015

## Alternative Water Supply Methods and Relevant Costs...

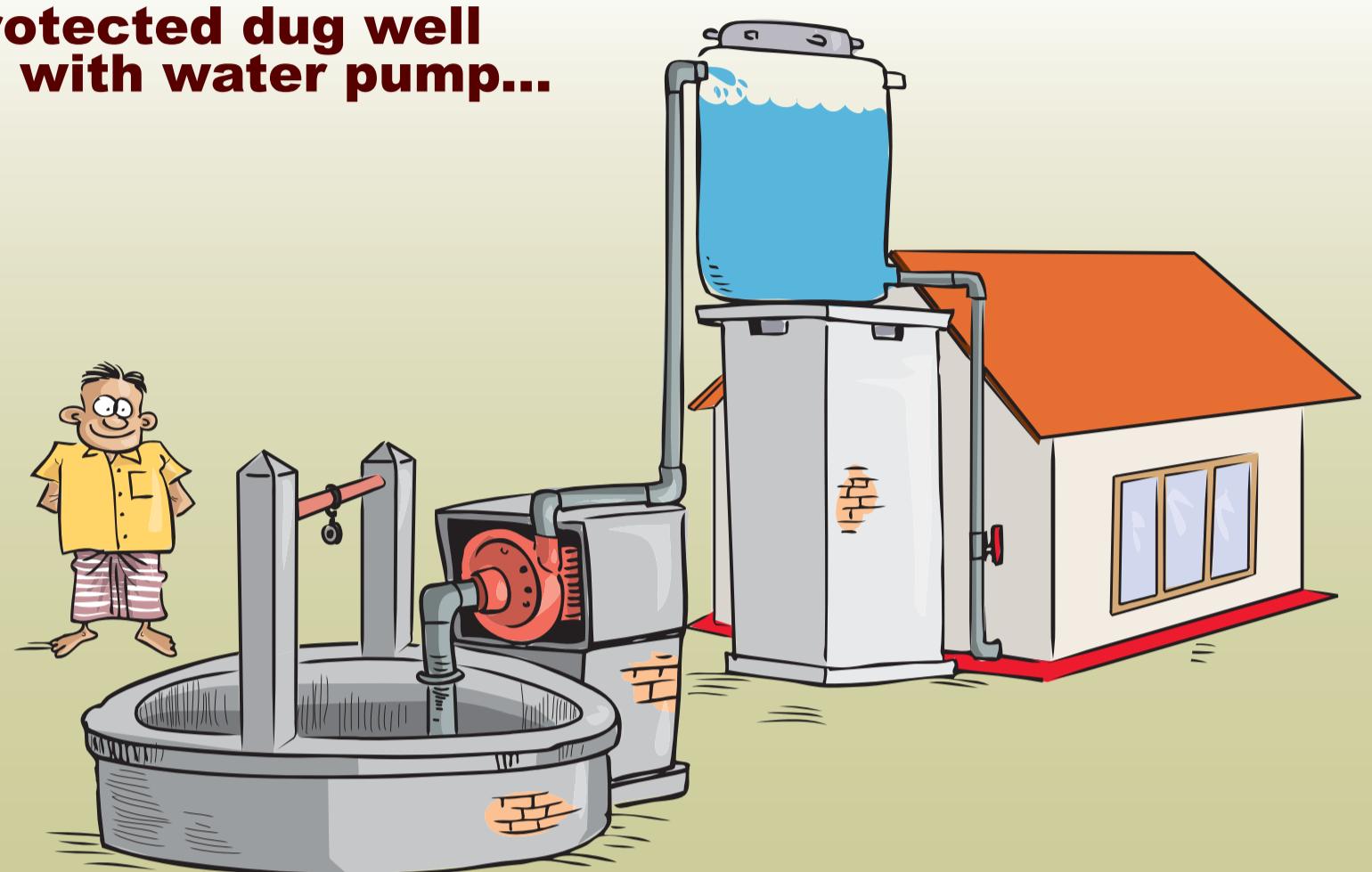
### Water Service Connection from the National Water Supply & Drainage Board



Initial cost required to obtain a water connection is around Rs.17, 500/- to Rs. 22,000/-

Monthly Water Bill of a family of four members is Rs.312/=

### Protected dug well with water pump...



We need about Rs. 120,000/- to Rs. 250,000/- to construct a protected dug well and install a water pump with a pipe system

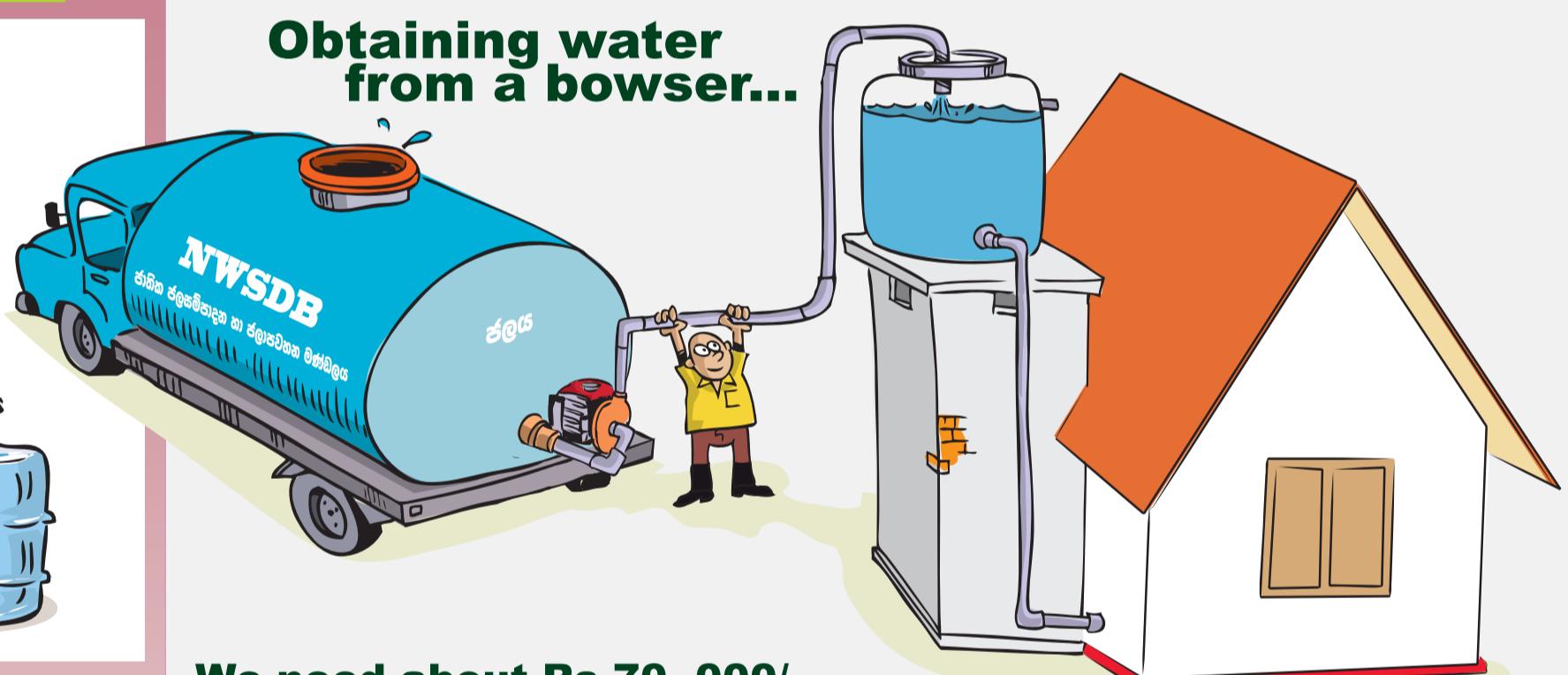
As an addition cost, a cost will incur to the monthly electricity bill due to the use of water pumps...

### Bottled water...

Daily requirement of water for drinking and cooking per family of four is 20 liters. Therefore, the cost would be Rs.7500/- per month

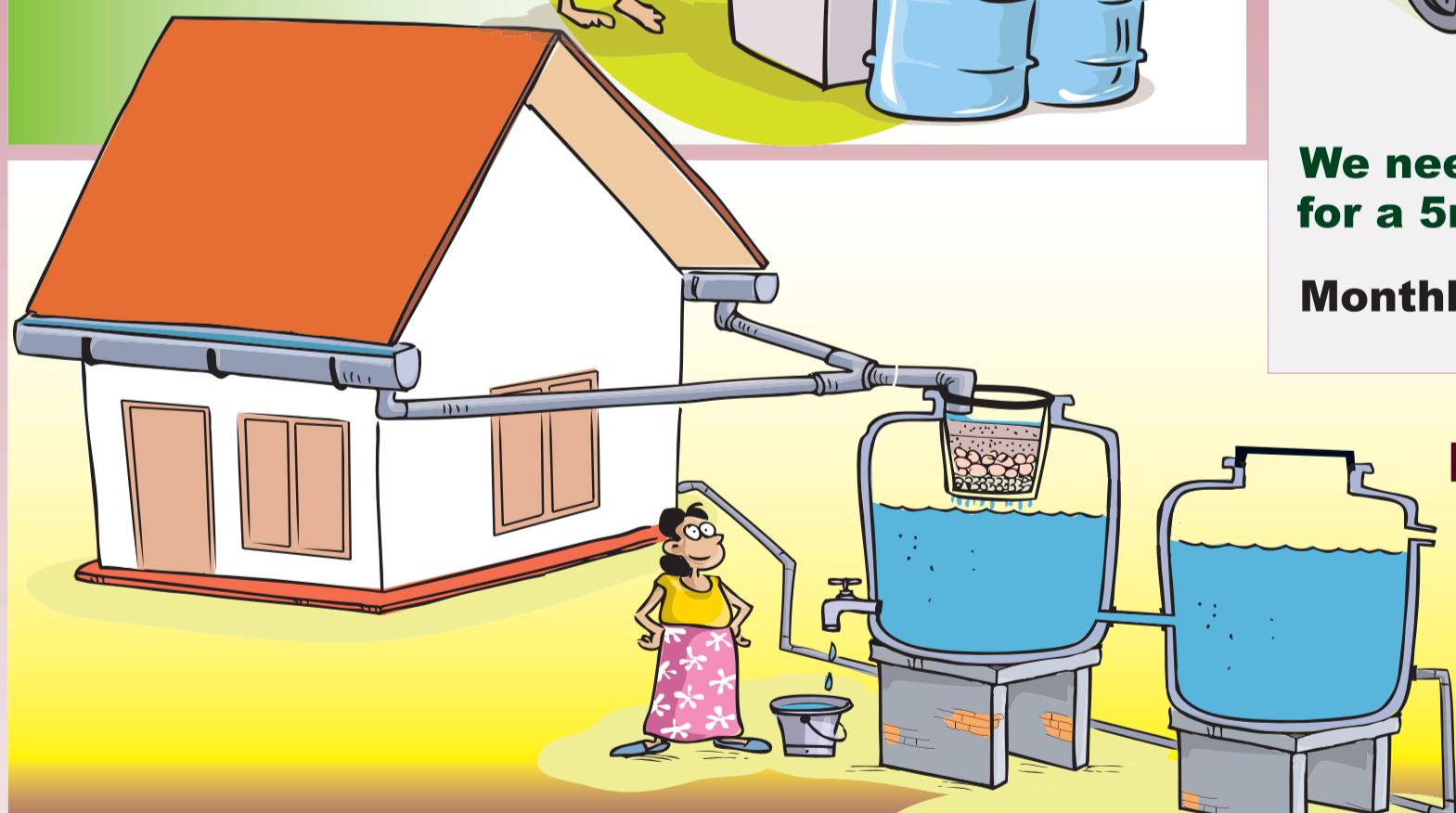


### Obtaining water from a bowser...



We need about Rs.70, 000/- for a 5m<sup>3</sup> water tank and to install a pipe system...

Monthly cost for bowser water supply is around Rs.7,500/-



### Rainwater Harvesting...

Initial cost of buying two 5m<sup>3</sup> tanks for storing water and install a pipe system will be around Rs. 110,000/-

Success of this method depends on the rainfall patterns...

### MAY

MON	TUE	WED	THU	FRI	SAT	SUN
				1:	2	3:
4:	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

### JUNE

MON	TUE	WED	THU	FRI	SAT	SUN
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

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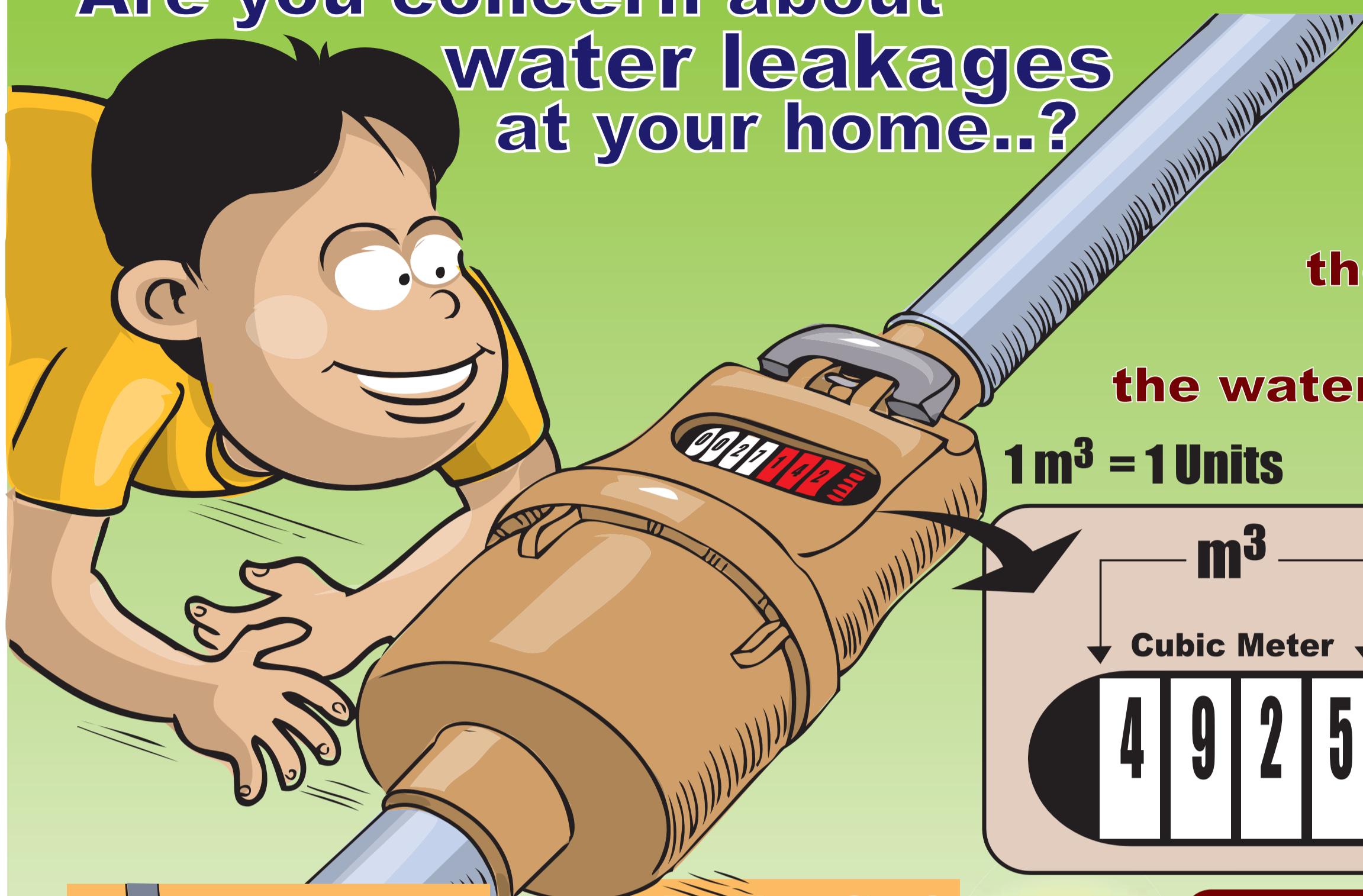
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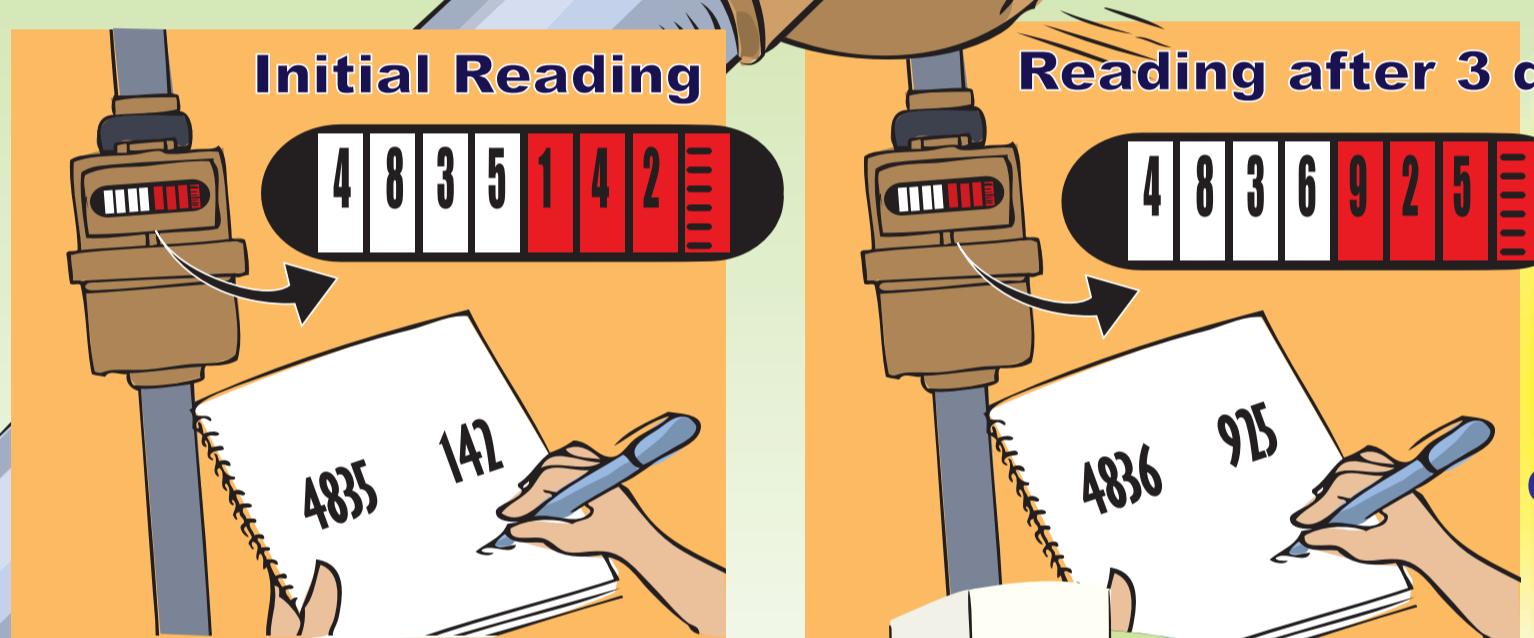
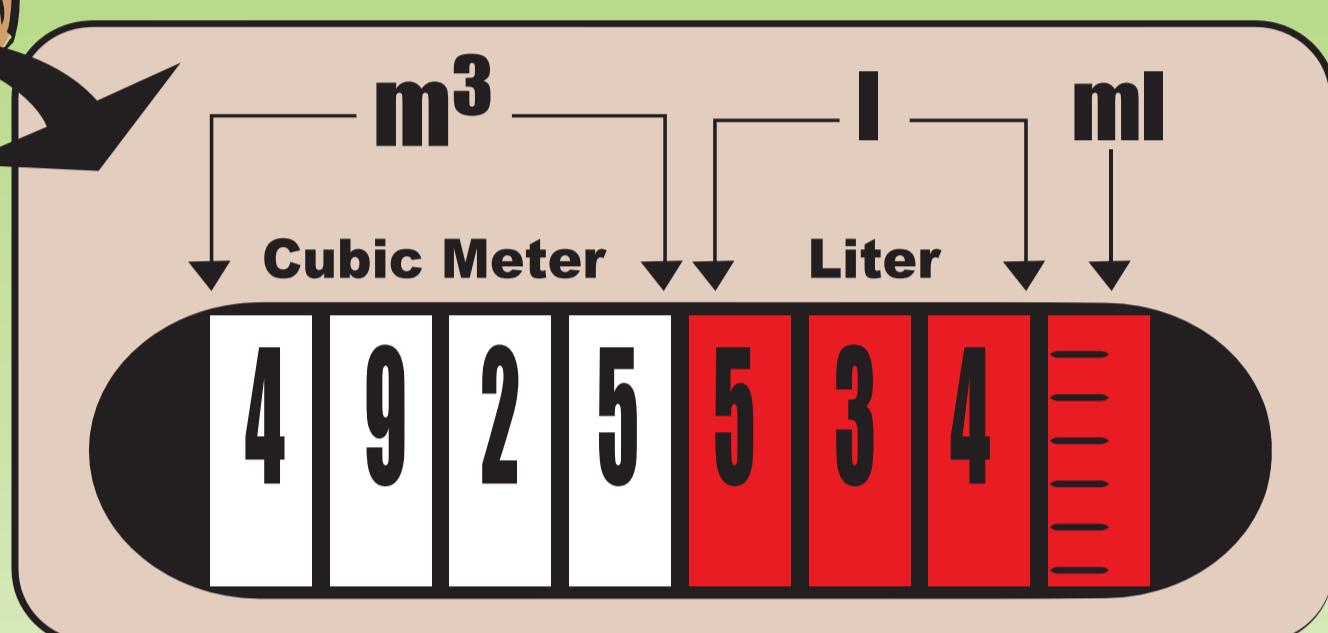
# Are you concern about water leakages at your home..?

**2015**



**Learn to read the water meter and calculate the water consumption**

$$1 \text{ m}^3 = 1 \text{ Units}$$



If the water consumption for three days of a family of four members, exceeds 1.5units (1500 liters), There may be a water leakage..!



Tiny drop wise leak make a BIG LOSS at last..!

If 10% of the taps in our country have such leakages, the wastage would be around 15 million of liters per day....

This amount is sufficient to provide water for 23,000 new families...

Do you know the amount of water waste through a thread like leakage..?



If 2% taps in our country have such a leakage.., and if that could be saved.., That amount is sufficient to provide water for 52,000 new families...

**JULY**

MON	TUE	WED	THU	FRI	SAT	SUN
1	2	3	4	5		
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

**AUGUST**

MON	TUE	WED	THU	FRI	SAT	SUN
31					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

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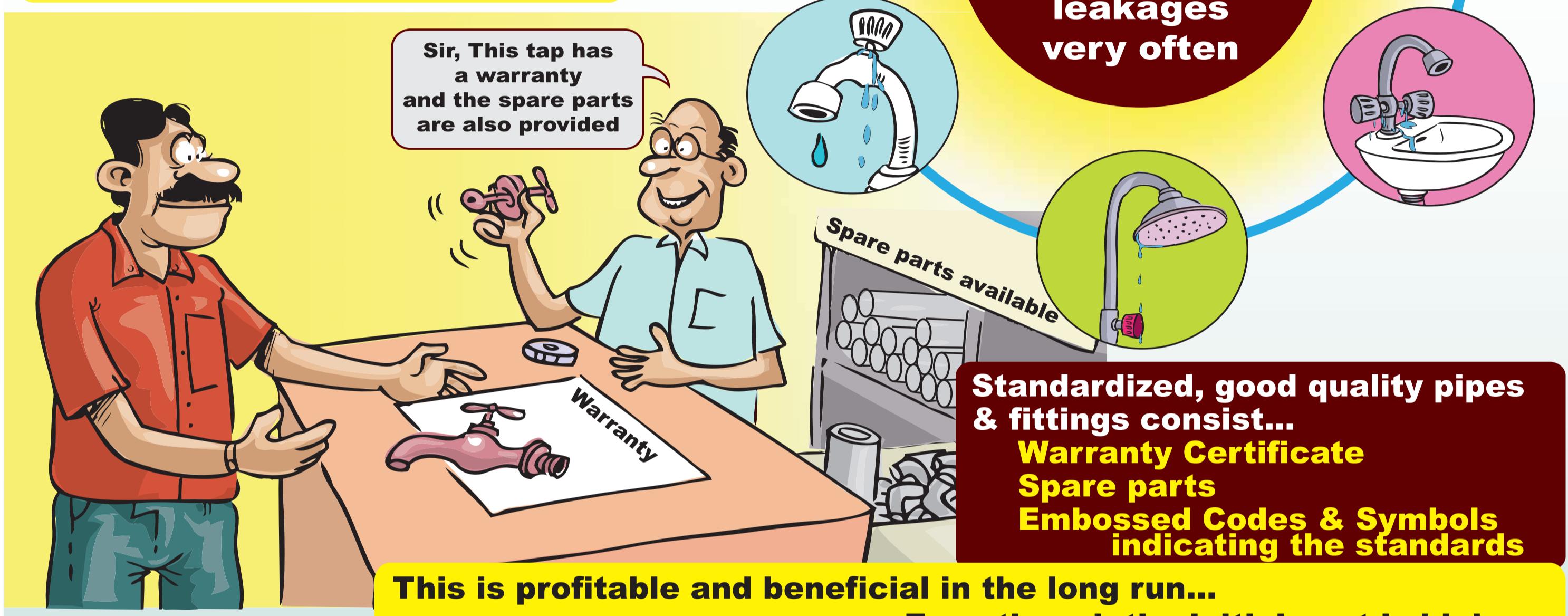
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# Why Do you need to select Good Quality Pipes & Fittings..?

2015

**How do we select high quality pipes & fittings..?**



**When fixing the leakages...**



**SEPTEMBER**

MON	TUE	WED	THU	FRI	SAT	SUN
1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

**OCTOBER**

MON	TUE	WED	THU	FRI	SAT	SUN
1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

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# Plumbing Technician... Do you recognize him..?

2015

He has the theoretical and practical knowledge on plumbing...

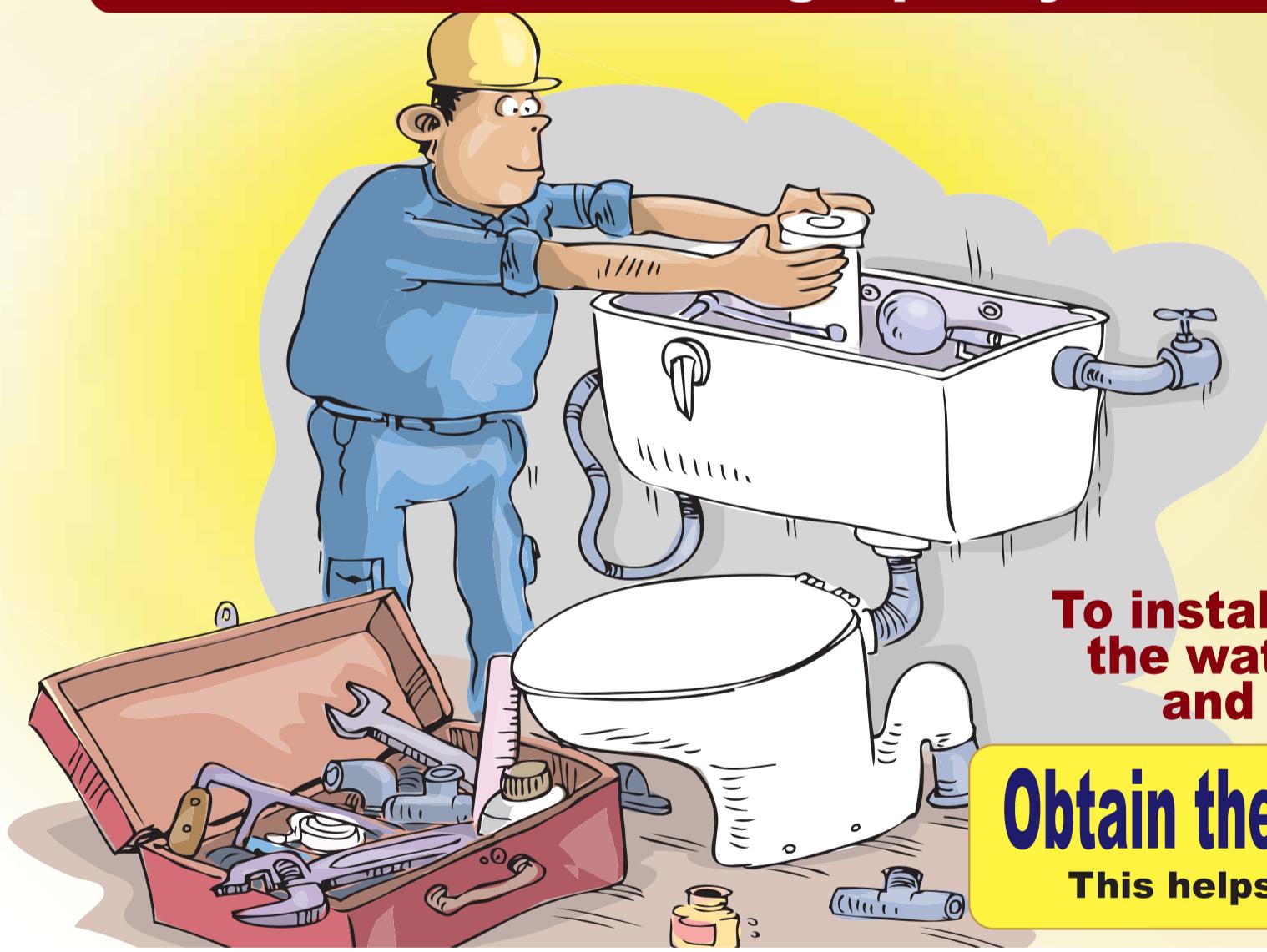
He knows how to select the appropriate pipes & fittings...

He is capable of identifying the right quality material out of the fake products available in the market...

He uses the appropriate tools and equipment when installing or repairing fittings, in a safe and proper manner...

When repairing the leakages, he knows which spare part to be used appropriately and he will use a new fitting only if required...

**Plumbing technician is a professional, who possesses the necessary knowledge and skills to deliver high quality service**



To install and repair the water fittings and pipes...



**Obtain the service of a qualified plumbing technician...**

This helps to prevent leakages and reduce the wastage of water...

NOVEMBER

MON	TUE	WED	THU	FRI	SAT	SUN
30				1		
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

DECEMBER

MON	TUE	WED	THU	FRI	SAT	SUN
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

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