

# Case Study

## PROBIOTIC CLEANING FOR LAKES



Sludge Height Decreased by an Average of 30%

### Key Benefits

- ✓ Reduced sludge height by 30%.
- ✓ Improved water quality & clarity.
- ✓ Low cost & simple to use over a large area.
- ✓ Socially responsible, sustainable & eco-friendly.
- ✓ Natural ingredients & chemical-free.
- ✓ Completely safe for operatives & flora & fauna.

## Significantly Reduces Sludge Height in Lakes WITH PROBIOTICS & WITHOUT CHEMICALS

### The Study

An impartial and independent quality standards laboratory undertook a study at a lake in Cours D'eau Le Saubin St. Ghislain in Belgium. The aim was to measure the effectiveness of TERRAA+ Water Purifier on reducing sludge height. Sludge is made up of organic waste matter including mud, dead plants and fish excrement.

Two sections of the lake were treated with TERRAA+ Water Purifier and ten measurements of sludge height were recorded before treatment began and then after one month of treatment. The Water Purifier's core ingredient is naturally occurring, plant-based helpful probiotic bacteria.

### The Results

Section One reduced from an average height of 52.6cm down to 34cm. Section Two reduced from an average height of 50.8cm down to 39.5cm. TERRAA+ Water Purifier therefore reduced sludge height by an average of 30%.

<b>SECTION ONE BEFORE TREATMENT Date: 15.12.17</b>		<b>SECTION ONE AFTER TREATMENT Date: 15.01.18</b>		<b>SECTION TWO BEFORE TREATMENT Date: 15.12.17</b>		<b>SECTION TWO AFTER TREATMENT Date: 15.01.18</b>	
Measurement s Taken	Sludge Height (cm)	Measurement s Taken	Sludge Height (cm)	Measurement s Taken	Sludge Height (cm)	Measurement s Taken	Sludge Height (cm)
1	60	1	54	1	59	1	52
2	63	2	55	2	50	2	47
3	57	3	35	3	43	3	44
4	47	4	42	4	56	4	39
5	44	5	35	5	54	5	40
6	54	6	30	6	48	6	36
7	58	7	32	7	44	7	35
8	43	8	27	8	50	8	37
9	48	9	20	9	53	9	32
10	52	10	10	10	51	10	33
<b>Average Height</b>	<b>52.6</b>	<b>Average Height</b>	<b>34</b>	<b>Average Height</b>	<b>50.8</b>	<b>Average Height</b>	<b>39.5</b>

### The Conclusion

TERRAA+ Water Purifier significantly reduces sludge height in the aquatic environment. Read the full study at: [www.ingenious-probiotics.com/knowledge](http://www.ingenious-probiotics.com/knowledge).

