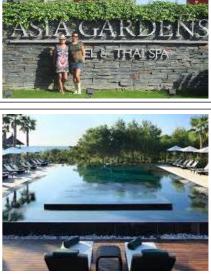
Financial Report "Asia Gardens Hotel"

Substitution of Silex filter media for Natureworks Alta tecnologia Glass Filter









Bureau Veritas Certifications:

- total absence of free silica
- full product quality
- full production process
- UNE-EN 12.904 fresh water

Nature Works Alta tecnologia Filter Media is a filtration media based on glass, developed by Camacho Group by means Anti-compaction Technology.

Only Nature Works can ensure its quality with a 10-year guarantee and is re-usable.

• Sustainability:

• <u>complete absence of free silica</u>, unlike sand it does Anexo. <u>Caracterized of spill</u> free silica into the water treatment.

- it originates from a re-cycling process, <u>it does not</u> <u>consume any natural resources to be manufactured</u>.
- it reduces environmental impact of water treatments by reducing greatly the consumption of water, energy an chemical products.
- **Savings** in cost of water, energy and chemicals.
- **Durability**, thanks to Anti-compaction Technology it has an **unlimited usable life and is reusable** after repairing filter.
- it optimizes the **quality of filtration and sanitation** conditions, specially due to the reduction of THM's.

Account of the expected annual savings using NatureWorks Hi-Tech Filter Media

Saving Concept	Source of the saving	Estimated Annual Cost	Budget Cost (with Nature Works)	Estimated Saving
Energy Costs	Filtration Pumps Thanks to NatureWorks Hi-Tech Filtration Media, pumps are working less strained,	Ipump 3Kw performance. 4 kWh consumption. 24 hours a day. 35.040 Kwh. a year. Price of the kWh. 0,14 cts 4.900 €/year This is the current electrical	The filtration continues 24 hours a day by law, but the pressure is reduced from an average of 1 kg/ cm2 to 0,35 kg/cm2 (65% reduction) 1.715 €/year Would be the electrical	3.185 €/year Saving in the filtration pump electrical consumption. This can be verified observing that the work pressure is reduced
	saving a lot of energy.	consumption cost of the filtering pump.	consumption cost reducing the filter pressure with NatureWorks.	to 0,35 kg/cm2 average or using a electrical tester.
	Heating The water wasted when washing filter, must be	lpump 3Kw performance. Nominal flow rate 75 m3/h 5 minutes between backwashing and rising every 2 days. 1.140 m3 a year Cost of the heating from14to28°C	The frequency in which you need to wash the filter is reduced to a third. (Reduction of 65%) We therefore consume 65% less water (399 m3/year from now on)	3.452 €/año Saving in cost of heating the water needed to be replaced when washing the filter.
	heated when is replaced We get energy saving reducing number of filter washing needed.	with a heating pump is 4,5 €/m3 5.310 €/year Is the current cost of heating the water needed to be replaced when washing the filter.	1.858 €/year Would be the cost of heating the water needed to be replaced when washing the filter with NatureWorks.	This is easily verified as the frequency in wich you need to wash the filter is reduced to once every 5 or 6 days. Yet even this figure will probably be reduced considerably too.
Water Consumption	Water Consumption for washing the filter A lot of water is wasted	1pump 3Kw performance. Nominal flow rate 75 m3/h 5 minutes between backwashing and rising every 2 days. 1.140 m3 a year. Cost of the water 0,5€/m ³	The frequency in which you need to wash the filter is reduced to a third. (Reduction of 65%) We therefore consume 65% less water (399 m3/year from now on)	371 €/año Saving in cost of the water needed to be replaced when washing the filter.
	when washing the filter. We get saving on cost of the water, reducing number of filter washing needed.	570 €/year Is the current cost of the water needed to be replaced when washing the filter.	199 €/year Would be the cost of the water needed to be replaced when washing the filter with NatureWorks	This is easily verified as the frequency in wich you need to wash the filter is reduced to once every 5 or 6 days. Yet even this figure will probably be reduced considerably too.
Labour Costs (Calculated on a cost of 12 € an hour)	Washing the filter	A worker needs at least 5 minutes every 2 days.	The frequency in which you need to wash the filter is reduced to a third. (Reduction of 65%)	117 €/año Saving in labour cost of washing the filter.
	Time used by the workers for washing the filter.	15 hours a year. 180 €/year This is the cost of the workers needed currently to wash the filter	We take 65% less time. 63 6/year Would be the labour cost of washing the filter with NatureWorks.	This is easily verified as the frequency in wich you need to wash the filter is reduced to once every 5 or 6 days. Yet even this figure will probably be reduced considerably too.
	Substitution of the sand	It must be changed by law every year, but we calculate on twice every 5 year 2 people 1 working day each. 16 hours every 5 years.	It is not necessary to substitute the filtration media at all.	38 €/year Saving in labour cost of changing the filtration media.
	Time used by the workers changing the sand of the filter.	38 €/year This is the cost of the workers needed currently to change sand.	0€/year	This can be verified stating that the Nature Works Filter Media DOESNOT SUFFER CLOGGING
Products	The consumption of liquid chlorine, algicide and flocculant agents is reduced	Consumption 250 liters a week at 0,5 €/liter. Plus costs of Algicide, flocculant agents, PH-	Chemical product consumption is reduced by at least 25% Because bacteria and algae do not grow in Nature Works Hi-Tech	1.625 €/year Saving in chemical products consumption cost.
		6.500 €/year Is the approximate cost of chemical products needed for the swimming pool maintenance currently, due to the fact that sand is the perfect environment for the growth of algae and bacteria.	Filtration Media 4.875 €/year Would be the approximate cost of the chemical products needed for the swimming pool maintenance with Nature Works.	This can be easily verified observing that the amount of chemical products needed is reduced immediately keeping the same values. Yet even this figure will probably be surpassed widely too.
	Substitution of the Silex sand	It must be changed by law every year, but we calculate on twice every 5 year. 1650kg x 2 replacements. 3300 kg every 5 years. 660 kg/year x 0,28 €/kg	It is no longer necessary to replace the Filtration Media	185 €/year Saving in cost of the Silex in its successive replacement need.
	Silex cost of the successive replacements.	185 €/year Is the current cost of the Silex in its successive replacement need.	0€/year	This can be verified stating that the Nature Works Filter Media DOES NOT SUFFER CLOGGING

8.938 € a year