



TYPE OF ENERGY USED :

SOLAR

THE SITE IS VERY OPEN AND FLAT WHICH IS SUITABLE FOR MOST TYPES OF CLEAN ENERGY. SOLAR WAS CHOSEN BECAUSE OF THE EFFECT THAT IT CAN BRING TO THE INSTALLATION. SOLAR PANELS WITH REFLECTIVE SURFACES COULD HELP TO ACHIEVE THE SPARKLING EFFECT, WHICH IS WHAT CAN BE TRANSLATED AS THE FUTURE WITH CLEAN ENERGY. WITH SUCH EFFECT, THE INSTALLATION CAN BE A GOOD BACK DROP FOR THE LITTLE MERMAID STATUES, AND WHICH WILL THEN DRAW PEOPLE'S ATTENTION TO IT, AND THUS THE AWARENESS OF SUSTAINABILITY.

BASIC ENERGY CONSUMPTION:

WATER PUMPS X 10
= 4KWH X 24 H X 10= 960 PER DAY

BASIC SOLAR EFFICIENCY
AVE. SOLAR ENERGY PER DAY
=4.61KWH/M2/DAY

PV CELL EFFICIENCY
=15%
TOTAL AREA OF PV CELL
=APPROX 7000 M2

HENCE, AVE. AMT OF ENERGY
4.61x15%x7000
= 4840.5KWH/DAY

