

## 4. Washing of the Oil Contaminated Soil

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Small-scale oil contamination site such as gas station used place mainly exist. There are many features in washing technology of the oil contaminated soil. For example, there is the high possibility of recycling separated oil and soil, it is applied to the oil which mainly contains the carbon and high-dense oil, it is combined with the other technology, and it is possible to carry out the advanced treatment, and so on. However, the cost may increase, when the special plant in the small-scale pollution site is used. And, the place in the site affects transportation charges on the treatment by the outside plant.

Then, the method which does the cost cheap by using the plant which assembled the use machine in the on-site, is assumed. Using machines are agitator car and vibrating screen. Laboratory test and demonstration experiment were carried out in order to grasp the ability of such simple plant. The result of the content purifying the oil-polluted soil of 8000mg/kg or less, was obtained. The result of the test is reported.

**Key words:** oil contaminated soil, soil washing, agitator car, Humin.