

Us, Rah E Roshd junior high school students of age 14, became informed about this science program. So finally we (nine students) were chosen by our principle and signed up for this science program. We came up to go for the six main sampling at three condition able lakes such as:

1- Darake Local River

2-Karaj lake dam

3-darband Local River

Darband and Darake are some kind of recreational centers to visit and Karaj's dam is one of the most important water reservoirs of Tehran city.

We started sampling on 14th and 15th of December.

At the mentioned locations and after sampling the main items were registered.

At both of the rivers were no kinds of extra pollutions in the sampled water because the river was located exactly next to the city layout so that the citizens could use the water for ordinary kind of daily use.

Karaj's dam is a restricted area so the water was Clean and with no kind of serious pollutions but because of the mountain rivers and the small amount of pollution that it carriers the lowest part of the river was a little polluted.

By sampling these local waters we became to a conclusion that the water resources and the ingredients that they include, are one of the most important elements of our daily lives and we must make effort protecting them from any kind of damage and pollutions and we have to know that we can't possibly live without healthy water.

Watershed domain Karaj:

Small water area of Karaj area of approximately 1115 square kilometers in north-eastern city of Karaj is Vtq. These areas to the north Sotak mountains, Palon Gardan and Erang Chal. To the northeastern Khortonak mountains. West to Gav Gardan and Kahor Bozorg and Sardaran is limited. The foot of analysis done on that project within Hydrometric Station melting snow 80 percent, which is variable due to having field, 41 percent to 6 percent of the maximum domain of Karaj during various boards of at least mountainous conditions and type of winter precipitation that is often the snow.

River Darakeh:

These areas in the north-west of Tehran and the median area of Khoshkeh and Velenjak. Domain area of 2500 hectares of mountain boards and the Altitude 3876 meters above sea level domain is. Valley during the 4957 m and average width of 6.5 meters. This river is a permanent water height of Imam Zadeh Davood East West Resort and will originate. The first kilometer of the River Valley, which is Darakeh approximate width of 10 m and depth of this part of the average is 4 meters.

Location	Date	Time	Air Temp	Water Temp	Tur (JTU)	Do(ppm)	pH	Saturation
Darband creek	2009/12/14	8:26 A.M	0	2	0	8	7	58%
Darake creek	2009/12/14	10:58 A.M	2	2	0	8	8	58%
Karaj dam lake	2009/12/14	4:30 P.M	4	6	40	4	7.5	31%
Darband	2009/12/15	8:13 A.M	2	3	0	8	7	61%
Darake	2009/12/15	10:30 P.M	2	4	0	8	7.5	61%
Karaj	2009/12/15	15:12 P.M	4	6	40	8	7.5	64%