List of publications
Ground Water Analysis of few Stations at Limkheda Taluka, Dahod District, Gujarat

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ABSTRACT
Physico chemical parameters such as TDS, pH, Total Hardness, Mg²⁺, SO₄²⁻, NO₃⁻ and F⁻ are measured and analysed for seventeen station of Limkheda Taluka of Dahod district. All the parameter measurements are made in terms of three different seasons such as winter, Pre monsoon and Post Monsoon. Results obtained are compared in terms of their highest value and lowest values among seventeen stations in terms of six parameters.

KEYWORDS
Ground water, TDS, pH, Total Hardness, Mg²⁺, SO₄²⁻, NO₃⁻ and F⁻

INTRODUCTION
“Water is the driver of life”, said Leonardo da Vinci. Water is one of the most abundant substances on our planet. Our planet is a complex system of land, air and water. It is the only substance on the earth that exists in all the three states (solid, liquid and gas) of matter. 1 Nobel laureate A. Szent-Györgyi has called "The Matrix of life" Water which maintains biologically active structure and it is now universally agreed that all life will perish without water. Some years ago, an engineer Thomson King epitomized the water problem in the following words: "Of all the compounds that are required necessary to life as we know it on earth, water is by far the most important, the most familiar, and the most wonderful, yet most people know very little about it". 2 History is replete with the sagas of armies that fought over water, of monarchs and priests who worshiped it and health workers who have blessed it, of civilizations that dwindled after losing or mismanaging it, of people who died because of it. Water is extraordinary. 3 Water is precious for life and food security, where erratic rainfall, declining resources and more withdrawals in the existing scenario force every human to use it more efficaciously. It is everywhere. It was estimated that world have about 400 million cubic kilometer of...
Selected Physico-Chemical Parameters of Ground Water from Limkheda Taluka of Dahod District-Gujarat
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ABSTRACT
Physico-chemical parameters such as Total alkalinity COD, BOD, Calcium content, chloride content and Dissolved oxygen are measured and analysed for seventeen station of Limkheda Taluka of Dahod district. All the parameter measurements are made in terms of three different seasons such as winter, Pre monsoon and Post Monsoon. Results obtained arc compared in terms of their highest value and lowest values among seventeen stations in terms of six parameters.

KEYWORDS
Ground Water, COD, BOD, Calcium Content, Dissolved Oxygen

INTRODUCTION
“Water is the driver of life”, said Leonardo da Vinci. Water is one of the most abundant substances on our planet. Our planet is a complex system of land, air and water. It is the only substance on the earth that exists in all the three states (solid, liquid and gas) of matter.¹ Nobel laureate A. Szeni-Gyorgi has called "The Matrix of life" Water which maintains biologically active structure and it is now universally agreed that all life will perish without water. Some years ago, an engineer Thomson King epitomized the Water problem in the following words: "Of all the compounds that are required necessary to life as we know it on earth, water is by far the most important, the most familiar, and the most wonderful, yet most people know very little about it".² History is replete with the sagas of armies that fought over water, of monarchs and priests who worshiped it and health workers who have blessed it, of civilizations that dwindled after losing or mismanaging it, of people who died because of it. Water is extraordinary.³ Water is precious for life and food security, where erratic rainfall, declining resources and more withdrawals in the existing scenario force every human to use it more efficaciously. It is everywhere. It was estimated that world have about 400 million cubic kilometer of water and of this only 35 million cubic kilometer (2.5 percent) is fresh water, which is present in the form of ice-caps, glaciers and deep underground water.⁴ The loss of Water was there when the earth was born, and it is believed by the scientists believe that life was conceived in the earth's initial oceans. Water continues to support all life – some very simple creatures can live without oxygen. But there were none which can develop without water.⁵ It has played vital role in developing living and some time it has played a very dangerous role their end.⁶ For lot many years it has played vital role in designing the earth. In so many forms like deciding climate reformation of solid in which greenery and grains take out brought of rail it run machine. Water each an inevitable part in all type of productive process from making of food to the making