

CHAPTER ONE

1

INTRODUCTION

CHAPTER TWO

**2 CHARACTERISTICS OF THE PROJECT
AREA**

CHAPTER THREE

3

DESIGN CRITERIA



CHAPTER FOUR

4

ANALYSIS AND DESIGN

CHAPTER FIVE

5

BILL OF QUANTITIES

CHAPTER SIX

6

CONCLUSION

In this project, the trial is made to design waste water collection system for Dora City considering the annual growth of the people and their water consumption for the coming 25 years, and catchment area. The result brought out many important conclusions. The main conclusions drawn from the present study are summarized below:

1. Dora like other city in Palestine has no sewage facility. The people are using laterains cesspits and septic tanks. The waste water has been seeping into the ground through the over flow of the deteriorated cesspits and laterains, causing series environmental and health problem.
2. The proposed waste water collection system for Dora covers most of the areas of the City.
3. The present water consumption of Dora is 70 L/c.day and the future water consumption is estimated to be 120 L/c.day depending on 3.4 % increase use rate.
4. The collection system is consisting of 6 sewer lines.
5. All lines in the collection system will be design by gravity.

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APPENDIX A

CALCULATION TABLES

APPENDIX B

DESIGN TABLES(FROM Bently SEWERCAD)

APPENDIX C

MAP & PROFILES FOR PIPES