## TABLE OF CONTENTS

Introduction	3
Categories of Rainwater Harvesting	3
Active	3
Passive	4
Integrated	4
Collection Surfaces.	5
Rooftops	5
Impervious Surfaces	5
Pervious Surfaces	5
Conveyance Systems	5
Gutters and Pipes	5
French Drains and Sumps	6
EPIC System and Gravity	7
Storage Facilities	7
Above Ground Tanks	7
Underground Tanks	8
Native and Manufactured Soil	8
Ponds and Basins	8
Wells and Aquifers	8
Distribution Systems	9
Hand Watering	9
Gravity and Soaker Hoses	9
Pumps and Pipes	9
Uses for Rainwater	10
Irrigation and Other Outside Uses	10
Secondary Indoor Uses	10
Potable Uses	11
Holistic Approach	11
RWH System Design Fundamentals	12
The Water Budget	12
Yield Calculations	12
Sizing the Storage Facility	14
Matching the Pump to the Demand	14
Installing Water Treatment	14
Understanding Water Analysis	14
RWH System Installation	14
Locating the Tank	15
Conveying the Rain to the Tank	15
Delivering Rain to the End Use	16
Drinking	17
Indoor Secondary Use	18
Outdoor Use	18
Recycling Greywater	18
Fully Integrated Systems	18
References and Links	19