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Nota di contenuto	<p>""Methods for Developing Spacecraft Water Exposure Guidelines""; ""Copyright""; ""OTHER REPORTS OF THE BOARD ON ENVIRONMENTAL STUDIES AND TOXICOLOGY""; ""OTHER REPORTS OF THE COMMITTEE ON TOXICOLOGY""; ""Preface""; ""Contents""; ""Abbreviations""; ""Executive Summary""; ""WATER CONTAMINANT SOURCES""; ""RANKING CONTAMINANTS FOR RISK ASSESSMENT""; ""DATA FOR ESTABLISHING SWEGS""; ""RISK ASSESSMENT""; ""SPECIAL CONSIDERATIONS FOR NASA""; ""EXPOSURE GUIDELINES SET BY OTHER ORGANIZATIONS""; ""1 Introduction""; ""WATER CONTAMINANTS""; ""APPROACH TO THE STUDY""; ""REFERENCES""</p> <p>""2 Sources, Treatment, and Monitoring Of Spacecraft Water Contaminants""""OVERVIEW""; ""DESIGN DRIVERS""; ""ISS WATER-QUALITY STANDARDS""; ""SOURCES OF SPACECRAFT WATER CONTAMINATION""; ""HUMAN URINE""; ""Untreated Urine""; ""Chemical Treatment and Distillation By-Products""; ""HUMIDITY CONDENSATE""; ""Condensate Sample Results""; ""Water Recovery Test""; ""Lunar-Mars</p>

Life Support Test Project"; "Space Shuttle"; "Mir Humidity
Condensate"; "Environmental Contributors to Spacecraft Humidity
Condensate"; "Hardware Off-Gassing"; "Animal Wastes";
"Mechanical Leaks"
"Microbial Metabolites"; "Payload Chemicals"; "Utility Chemicals";
"WASH WATER AND OTHER WASTE STREAMS"; "Hygiene Water";
"Detergents"; "Chemicals from Personal Hygiene Products"; "ChECS
Wastes"; "CHEMICALS FORMED IN THE WATER TREATMENT SYSTEM";
"SYSTEM FAILURES AND INCOMPLETE PROCESSING OF INFLUENT";
"CHEMICALS ADDED TO RETARD BACTERIAL GROWTH"; "Iodine";
"Silver"; "REGENERATED WATER"; "Inorganic Contaminants";
"Shuttle Humidity Condensates"; "Mir Humidity Condensates and Mir
Reclaimed Water"; "LMLSTP 60-d Product Water"; "ORGANIC
CONTAMINANTS"
"Humidity Condensate in Mir"; "LMLSTP 60-d Product Water"; "Stage-
10 WRT"; "MONITORING WATER CONTAMINANTS"; "SOURCE-WATER
MONITORING"; "In-Line Monitoring and Process Control"; "Off-Line
Monitoring"; "SUMMARY"; "REFERENCES"; "3 Sources and Types of
Data for Establishing Spacecraft Water Exposure Guidelines";
"CHEMICAL AND PHYSICAL CHARACTERISTICS OF A TOXICANT";
"HUMAN STUDIES"; "ANIMAL STUDIES"; "IN VITRO TOXICITY
STUDIES"; "ADVANCES IN HEALTH EFFECTS ASSESSMENT";
"NEUROBEHAVIORAL EFFECTS"; "REPRODUCTIVE EFFECTS";
"MUTAGENESIS"; "MECHANISTIC STUDIES"
"SUMMARY"; "REFERENCES"; "4 Risk Assessment Methods for
Determining Spacecraft Water Exposure Guidelines"; "HISTORICAL
PERSPECTIVE"; "Risk Assessment for Noncarcinogenic Effects"; "Risk
Assessment for Carcinogenic Effects"; "RECOMMENDED APPROACH TO
RISK ASSESSMENT"; "Exploiting Similarities of Historical Approaches";
"Benchmark-Dose Approach to Setting SWEGs"; "BMD
CALCULATION"; "Central Estimate Versus Confidence Limit";
"Estimating BMDp for Various Toxic Effects"; "EXPOSURE
CONVERSION"; "Target Tissue Dose"; "Differences in Duration";
"Species Conversions"
"Different Routes"
