

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

C Number:	C96017
Lock Date:	11/15/2002
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	04/27/2004

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First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 1	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100699
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
[Hyperplasia TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

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ANIMAL ID: 1	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100699
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 8-1]			
[Angiectasis TGLS = 8-1]			
* Prostate		Inflammation	Chronic, Mild
* Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 7-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell Germinal Epith	Adenoma Atrophy	Mild
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-3]			
PRIMARY CAUSE OF DEATH -			
Animal Note: SAMPLE OF NORMAL MESENTERY WAS SENT FOR ONCOGENE ANALYSIS AND IS ON SLIDE 22			

* PROTOCOL REQUIRED TISSUE

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Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 2	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100706
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Cyst	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
* Saliv Glands			
Note: CYTOMEGALY PRESENT IN SOME EPITHELIAL CELLS			
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

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Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100706
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 5-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100707
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Mesentery		Rhabdomyosarcoma	
Note: TGL2-MESENTERIC MASS COULD HAVE INITIATED IN THE ABDOMINAL WALL [Rhabdomyosarcoma TGLS = 2-21]			
* Saliv Glands			
Note: TGL3; SPLEEN FOCUS IS LOCALIZED LYMPHOID HYPERPLASIA			
* Spleen	Lymph Follic	Hyperplasia	Mild
[Hyperplasia TGLS = 3-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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Species/Strain: Rat/F 344/N

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Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100707
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
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Species/Strain: Rat/F 344/N

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Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 4	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100708
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
Note: SPLEEN IS BELIEVED TO REFLECT AN EARLY CASE OF LEUKEMIA BECAUSE OF THE NUMBER OF MITOTIC FIGURES IN THE PERIPHERAL ASPECTS OF LYMPHOID FOLLICLES			
[Leukemia Mononuclear TGLS = 1-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
		Ultimobranchial Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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Species/Strain: Rat/F 344/N

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Test Compound: Water disinfection byproducts (Dibromoacetic acid)
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Date Report Requested: 10/20/2014

Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100709
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Marked
[Compression TGLS = 6-1]			
* Eye		Inflammation	Chronic, Minimal
[Inflammation TGLS = 8-44]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
[Hepatocellular Adenoma TGLS = 4-22]			
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
Note: ECTASIA ACCOMPANIES THE HYPERPLASIA IN THE MEDIASTINAL NODE			
[Hyperplasia TGLS = 5-3]			
* Mammary Gland		Carcinoma	
		Cyst	Moderate
Note: TGL2 , SKIN MASS; CONSIDERED TO BE MAMMARY GLAND INSTEAD OF SKIN			
[Carcinoma TGLS = 2-21]			
[Cyst TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100709
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
[Adenoma TGLS = 7-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland		Ultimobranchial Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: HEAD TILT BELIEVED TO BE SECONDARY TO MASSIVE PITUITARY TUMOR AS THE PERIPHERAL NERVE AND SPINAL CORD ARE NORMAL			

* PROTOCOL REQUIRED TISSUE

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CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 622 HISTO: 98188
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Hemorrhage	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 6-22]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 622
	DOSE: 0 MG/L	DISP: Moribund Sacrifice	HISTO: 98188
ORGAN AND ACCOUNTABLE SITE STATUS			
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100710
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
[Adenoma TGLS = 3-1]			
[Angiectasis TGLS = 3-1]			
* Preputial Gland		Adenoma	
		Inflammation	Chronic, Minimal
* Spleen		Pigmentation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

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Test Compound: Water disinfection byproducts (Dibromoacetic acid)

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Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100710
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 2-7]			
Tongue		Hyperplasia	Minimal
[Hyperplasia TGLS = 4-21]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 8	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100711
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hypertrophy	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Cyst	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: TGL7; SLIGHT ABNORMAL LOBULATION IS PRESENT BUT NOT DIAGNOSED AS A LESION			
[Cyst TGLS = 5-22]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node			
Note: TGL6; EXCESSIVE ADIPOSE TISSUE POSSIBLY COULD HAVE BEEN MISTAKEN FOR ENLARGED MEDIASTINAL NODE			
* Mammary Gland		Cyst	Minimal
* Nose		Foreign Body	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Adenoma	
* Prostate		Inflammation	Chronic, Minimal
* Sem Ves			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100711
ORGAN AND ACCOUNTABLE SITE STATUS			
Note: TGL1; UNVOIDED CONTENT RESULTING IN DISTENSION, IN THE ABSENCE OF INFLAMMATION OR OTHER MEANS OF OBSTRUCTION IS NOT ROUTINELY DIAGNOSED			
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-21]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 3-7]			
* Thyroid Gland	C Cell	Adenoma	
		Ultimobranchial Cyst	Minimal
Note: THYROID C -CELL ADENOMA IS ON SLIDE 3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
Note: THERE APPEAR TO BE MULTIPLE SMALL NODULES OF CORTICAL HYPERTROPHY INTERMINGLED WITH VACUOLATED CORTICAL EPITHELIAL CELLS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	Minimal
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 6-23]			
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 4-21]			
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100712
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 8-1]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Prostate		Inflammation	Chronic, Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 7-24]			
* Spleen		Pigmentation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 629 HISTO: 98189
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-6]	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		[Infiltration Cellular TGLS = 5-23,6-24]	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Leukemia Mononuclear	
* Skin		Squamous Cell Papilloma	
		[Squamous Cell Papilloma TGLS = 7-21]	
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 629 HISTO: 98189
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Minimal Mild
[Ulcer TGLS = 8-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 711

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 100713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
Note: PHEOCHROMOCYTOMA IS CAVERNOUS WITH EXTENSIVE NECROSIS [Pheochromocytoma Benign TGLS = 2-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 4-5]			
Lacrimal GI			
Note: SMALL LOCALIZED AREA OF INFLAMMATION AND NECROSIS INVOLVING THE CAPSULE MAY BE SECONDARY TO THE ULCERATION OF THE FORESTOMACH----NOT DIAGNOSED			
* Liver	Bile Duct	Hyperplasia	Mild
	Serosa	Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
[Adenoma TGLS = 5-1]			
* Preputial Gland		Squamous Cell Papilloma	
Note: PREPUTIAL GLAND MASS IS MOSTLY KERATIN WITH A SMALL CLUSTER OF ANAPLASTIC EPITHELIAL CELLS [Squamous Cell Papilloma TGLS = 1-8-1]			
* Prostate		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 711 HISTO: 100713
ORGAN AND ACCOUNTABLE SITE STATUS			
* Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Mild Moderate
* Testes	Interstit Cell	Adenoma	
* Thyroid Gland	Follicle	Cyst	Minimal
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100714
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
Lymph Node	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
		Inflammation	Chronic, Minimal
* Lung			
Lymph Node			
Note: Mediastinal not remarkable.			
* Pancreas		Atrophy	Moderate
Skeletal Muscle		Hemangioma	
[Hemangioma TGLS = 3-23]			
* Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Hemangioma	
[Fibroma TGLS = 2-22]			
[Hemangioma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-24]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100714
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes [Adenoma TGLS = 5-7]	Bilateral, Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 13	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100715
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule Hypertrophy	Minimal Focal, Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Mesothelioma Malignant	
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Moderate
[Hyperplasia TGLS = 6-6]			
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Inflammation Leukemia Mononuclear	Chronic, Minimal
Lymph Node	Mediastinal Pancreatic	Leukemia Mononuclear Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3]			
[Leukemia Mononuclear TGLS = 8-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5]			
Mesentery	Fat	Mesothelioma Malignant Necrosis	Moderate
[Mesothelioma Malignant TGLS = 2-21]			
[Necrosis TGLS = 4-23]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 13	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100715
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Chronic, Minimal
* Skin		Hyperkeratosis	Mild
[Hyperkeratosis TGLS = 3-22]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Glandular		Mesothelioma Malignant	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
[Hyperplasia TGLS = 10-3]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: SMALL CLUSTER OF MALIGNANT MESOTHELIAL CELLS ON SLIDE 4 APPEAR TO BE ATTACHED AD JACENT TO THE PYLORUS			
Animal Note: SMALL CLUSTER OF MALIGNANT MESOTHELIAL CELLS ON SLIDE 2 DO NOT APPEAR TO BE ATTA CHED TO THE PLEURA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 616 HISTO: 98190
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Rectum
* Kidney	* Mammary Gland	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	
OBSERVATIONS			
* Bone Marrow		Histiocytic Sarcoma	
* Brain		Compression	Moderate
[Compression TGLS = 7-1]			
* Heart		Cardiomyopathy	Mild
		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-6]			
* Lung		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-2]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-5]			
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
Pleura		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-22]			
* Spleen		Histiocytic Sarcoma	
* Stomach, Forestomach		Edema	Minimal
	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 616 HISTO: 98190
ORGAN AND ACCOUNTABLE SITE STATUS			
[Edema TGLS = 9-23]			
[Hyperplasia TGLS = 9-23]			
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-21,4-21]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Thymus Histiocytic Sarcoma		
Animal Note: AUTOLYSIS IS PROMINENT IN MANY TISSUES			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 15	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100716
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Infarct	Mild
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Mammary Gland		Cyst	Minimal
* Pancreas		Atrophy	Moderate
* Prostate		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Interstitial Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate

Note: TGL2; IT IS BELIEVED THAT THE LEFT TESTICLE WAS SMALLER INSTEAD OF THE RIGHT TESTICLE ENLARGED

Note: TGL1; NEOPLASTIC PROCESS IS UNILATERAL INSTEAD OF BILATERAL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100716
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 16	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100717
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Blood Vessel	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Minimal
		Mixed Cell Focus	
Note: BASOPHILIC FOCUS IS ON SLIDE 21			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7,3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 591 HISTO: 97721
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain [Compression TGLS = 2-1,2-1-1]		Compression	Moderate
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Cholangiofibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
		Cyst	Mild
* Mammary Gland [Cyst TGLS = 1-8]			
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland [Adenoma TGLS = 3-1] [Angiectasis TGLS = 3-1]	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild
* Prostate		Inflammation	Chronic, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes		Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 17	TRT#: 1	SEX: Male	DAY ON TEST: 591
	DOSE: 0 MG/L	DISP: Moribund Sacrifice	HISTO: 97721
ORGAN AND ACCOUNTABLE SITE STATUS			
CONTRIBUTORY CAUSE OF DEATH	- Brain Compression		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 18	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 692 HISTO: 100718
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
Coagulating Gland	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Intestine Small, Jejunum	* Lymph Node, Mandibular		
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Brain		Compression	Mild
[Compression TGLS = 3-1]			
* Heart		Cardiomyopathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Congestion	Moderate
[Congestion TGLS = 2-3]			
* Mammary Gland		Cyst	Mild
[Cyst TGLS = 1-8]			
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 4-1]			
* Prostate		Inflammation	Chronic, Moderate
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 19	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 682 HISTO: 100719
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Brain		Compression	Mild
[Compression TGLS = 6-1]			
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 4-7]			
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Mild
[Cyst TGLS = 1-8]			
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 682 HISTO: 100719
ORGAN AND ACCOUNTABLE SITE STATUS			
* Prostate [Inflammation TGLS = 5-7-1]		Inflammation	Chronic, Moderate
* Testes [Hyperplasia TGLS = 3-7]	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 20	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100720
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Inflammation	Granulomatous, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Pancreatic	Congestion	Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
[Congestion TGLS = 3-7]			
[Hyperplasia TGLS = 3-7]			
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Skin		Keratoacanthoma	
	Subcut Tiss	Neural Crest Tumor	
	Subcut Tiss	Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100720
ORGAN AND ACCOUNTABLE SITE STATUS			
[Keratoacanthoma TGLS = 5-22]			
[Neural Crest Tumor TGLS = 6-23]			
[Sarcoma TGLS = 4-21]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
Zymbal's Gland		Adenoma	
[Adenoma TGLS = 7-24]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: TGL4; TISSUE NOS IS ENTERED AS SKIN			
Animal Note: TGL6 IS ENTERED AS SKIN INSTEAD OF EYE			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 21	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100721
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Testes	Bilateral, Interstit Cell	Adenoma	

[Adenoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100721

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 22	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 433 HISTO: 96075
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Brain Note: TGL4 IS BELIEVED TO BE OF PINEAL GLAND ORIGIN [Glioma Malignant TGLS = 4-1,4-21]	Pineal Gland	Glioma Malignant	
* Heart		Cardiomyopathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung [Infiltration Cellular TGLS = 3-2]		Infiltration Cellular	Histiocyte, Minimal
* Nose		Inflammation	Chronic, Minimal
* Testes [Atrophy TGLS = 1-7]	Germinal Epith	Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- Brain Pineal Gland Glioma Malignant
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 516 HISTO: 96076
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	
OBSERVATIONS			
* Brain		Hemorrhage Leukemia Mononuclear	Mild
[Hemorrhage TGLS = 7-1]			
[Leukemia Mononuclear TGLS = 7-1]			
* Harderian Gland		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis Leukemia Mononuclear Nephropathy	Minimal Minimal
[Hydronephrosis TGLS = 3-5]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Inflammation Leukemia Mononuclear	Chronic, Minimal
[Leukemia Mononuclear TGLS = 5-2]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 6-21]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 516 HISTO: 96076
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 2-6]		Leukemia Mononuclear	
* Urinary Bladder			
[Leukemia Mononuclear TGLS = 1-8]			
PRIMARY CAUSE OF DEATH			
CONTRIBUTORY CAUSE OF DEATH		- Spleen Leukemia Mononuclear	
		- Brain Hemorrhage	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 24	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100702
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Minimal
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Thymoma Benign	
[Thymoma Benign TGLS = 2-22]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH -			
Animal Note: SAMPLE OF NORMAL MESENTERY WAS SUBMITTED FOR ONCOGENE ANALYSIS AND IS PRESENT ON SLIDE 21			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 25	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100723
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 26	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 530 HISTO: 96077
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-23]			
* Pancreas		Atrophy	Mild
[Atrophy TGLS = 6-7]			
* Skin		Cyst Epithelial Inclusion	
	Subcut Tiss	Fibroma	
[Cyst Epithelial Inclusion TGLS = 2-22]			
[Fibroma TGLS = 1-21]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Urinary Bladder		Carcinoma	
[Carcinoma TGLS = 5-24]			

PRIMARY CAUSE OF DEATH	- Urinary Bladder Carcinoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100724
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
Zymbal's Gland			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Clear Cell Focus	
		Hyperplasia	Minimal
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Prostate		Inflammation	Chronic, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-21]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100724

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: TGL1; TESTICULAR NEOPLASIA IS UNILATERAL INSTEAD OF BILATERAL
Animal Note: TGL3; FORESTOMACH LESION IS ON SLIDE 21 INSTEAD OF 4

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 693 HISTO: 100725
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Moderate
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
[Leukemia Mononuclear TGLS = 5-23]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-2]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-22]			
[Leukemia Mononuclear TGLS = 10-25]			
[Leukemia Mononuclear TGLS = 8-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 693 HISTO: 100725
ORGAN AND ACCOUNTABLE SITE STATUS			
* Lymph Node, Mesenteric [Leukemia Mononuclear TGLS = 6-24]		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
[Necrosis TGLS = 3-21]	Fat	Necrosis	Moderate
* Nose		Inflammation	Chronic, Minimal
* Pancreas		Leukemia Mononuclear	
* Preputial Gland		Cyst	Minimal
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen [Leukemia Mononuclear TGLS = 2-6]		Leukemia Mononuclear	
* Stomach, Forestomach		Edema	Minimal
	Epithelium	Hyperplasia	Minimal
* Testes [Adenoma TGLS = 1-7]	Bilateral, Interstit Cell	Adenoma	
* Thymus [Leukemia Mononuclear TGLS = 7-3]		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100703
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Bile Duct	Hyperplasia	Minimal
		Congestion	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
Mesentery	Fat	Necrosis	Mild
Note: SECTION OF NORMAL MESENTERY SENT FOR ONCOGENE ANALYSIS-----SLIDE 21 [Necrosis TGLS = 2-22]			
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100703
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland		Ultimobranchial Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 3-23]			
* Lung		Congestion	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Congestion TGLS = 5-2]			
Lymph Node			
Note: TGL4; ENLARGED MEDIASTINAL NODE BELIEVED POSSIBLY TO HAVE BEEN ADIPOSE TISSUE			
* Mammary Gland		Fibroadenoma	
Note: TGL1;ENTERED AS MAMMARY GLAND INSTEAD OF SKIN			
[Fibroadenoma TGLS = 1-22]			
Mesentery			
Note: SAMPLE OF NORMAL MESENTERY SUBMITTED FOR ONCOGENE ANALYSIS---SLIDE 21			
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100704
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-24]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100728
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Eye		Cataract	Minimal
		Inflammation	Chronic, Minimal
[Cataract TGLS = 2-44]			
[Inflammation TGLS = 2-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
Note: GOOD EXAMPLE OF FUNGAL ORGANISMS IN THE NASAL CAVITY			
* Pancreas		Atrophy	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 31	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100728
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 32	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100729
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
		Nephropathy	Mild
[Cyst TGLS = 2-5]			
* Liver	Bile Duct	Clear Cell Focus	
		Hyperplasia	Minimal
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100730
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
Note: EXCESSIVE PIGMENT DEPOSITION ACCOMPANIES THE LYMPHOID HYPERPLASIA IN THE MEDIASTINAL NODE BUT IS NOT DIAGNOSED			
[Hyperplasia TGLS = 5-3]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 100730

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 4-6]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL1 IS MAMMARY GLAND INSTEAD OF SKIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 34	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100731
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Histiocytic Sarcoma	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
* Lung		Histiocytic Sarcoma	
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Hyperplasia TGLS = 4-23]			
Mesentery		Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 5-1]			
* Skin		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100731
ORGAN AND ACCOUNTABLE SITE STATUS			
		Keratoacanthoma	
[Histiocytic Sarcoma TGLS = 1-21]			
[Keratoacanthoma TGLS = 2-22]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Histiocytic Sarcoma	
PRIMARY CAUSE OF DEATH	-		
Animal Note: SYSTEMIC NEOPLASTIC PROCESS ON THE SEROSAL SURFACE OF THE BLADDER ON SLIDE 8, SE ROSA OF PROSTATE ON SLIDE 7-1, AND SEROSA OF ADRENAL ON SLIDE 10			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35	TRT#: 1	SEX: Male	DAY ON TEST: 222
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 93094
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Small, Jejunum			
OBSERVATIONS			
* Lung		Congestion	Mild
	Mediastinum	Sarcoma	
[Sarcoma TGLS = 1-21]			
Skeletal Muscle		Sarcoma	
[Sarcoma TGLS = 5-23]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 6-4]			
* Thymus		Sarcoma	
[Sarcoma TGLS = 2-22,2-22-1]			
PRIMARY CAUSE OF DEATH	- Thymus Sarcoma		
CONTRIBUTORY CAUSE OF DEATH	- Lung Mediastinum Sarcoma		
Animal Note: TGL5 ON SLIDE 23 IS ENTERED AS SKELETAL MUSCLE INSTEAD OF BONE,STERNUM			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100732
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin		Cyst Epithelial Inclusion	Minimal
[Cyst Epithelial Inclusion TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100732
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 37	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 437 HISTO: 96078
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
[Leukemia Mononuclear TGLS = 2-5]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-23]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-21]			
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-23]			
* Pituitary Gland	Pars Distalis	Hemorrhage	Mild
[Hemorrhage TGLS = 5-1]			
* Prostate		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 37	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 437 HISTO: 96078
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Leukemia Mononuclear
* Thymus	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 6-3]	

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Hemorrhage

Animal Note: TGL7, MASS IN URINARY BLADDER IS AN ACCUMULATION OF MUCOUS AND BACTERIA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100733
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Note: OTHER SMALL CLEAR CELL FOCI PRESENT ON REGULAR LIVER SECTION-----SLIDE 6			
[Clear Cell Focus TGLS = 2-21]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 5-22]			
[Infiltration Cellular TGLS = 4-2]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Chronic, Mild
* Stom Forestom			
Note: TGL6 DOCUMENTED BY THE TRIMMER BELIEVED LIKELY TO BE A FOLD			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100733
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes [Adenoma TGLS = 1-7]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland [Carcinoma TGLS = 3-3]	C Cell	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100734
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
[Adenoma TGLS = 2-1]			
* Prostate		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 1-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100735
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule Hypertrophy	Minimal Focal, Mild
[Hypertrophy TGLS = 3-10]			
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
[Cyst TGLS = 4-21]		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 5-22,6-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
Note: ECTASIA ACCOMPANIES THE LYMPHOID HYPERPLASIA IN THE PANCREATIC NODE			
[Hyperplasia TGLS = 2-7]			
* Mammary Gland		Cyst	Minimal
* Nose		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100735
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland [Adenoma TGLS = 7-1] [Angiectasis TGLS = 7-1]	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild
* Testes [Adenoma TGLS = 1-7]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell Follicle	Adenoma Cyst Ultimobranchial Cyst	Minimal Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 703 HISTO: 100736
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Intestine Large, Cecum	* Lymph Node, Mandibular		
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hyperplasia	Focal, Minimal
* Brain		Compression	Minimal
Note: LOCALIZED HEMORRHAGE ASSOCIATED WITH THE COMPRESSION SECONDARY TO THE PITUITARY ADENOMA IS NOT DIAGNOSED			
[Compression TGLS = 4-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lung		Congestion	Moderate
		Hemorrhage	Mild
[Congestion TGLS = 3-2]			
[Hemorrhage TGLS = 3-2]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
* Mammary Gland		Cyst	Mild
[Cyst TGLS = 1-8]			
* Pancreas		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41	TRT#: 1	SEX: Male	DAY ON TEST: 703
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 100736
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 5-1]			
[Angiectasis TGLS = 5-1]			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 42	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 629 HISTO: 98191
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Brain [Compression TGLS = 6-1]		Compression	Mild
* Eye		Cataract	Mild
* Heart		Cardiomyopathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
* Lung		Congestion	Minimal
* Mammary Gland [Cyst TGLS = 2-8]		Cyst	Mild
Mesentery [Necrosis TGLS = 3-22]	Fat	Necrosis	Mild
* Pituitary Gland [Adenoma TGLS = 5-1] [Angiectasis TGLS = 5-1]	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild
* Skin [Cyst Epithelial Inclusion TGLS = 1-21]		Cyst Epithelial Inclusion	
* Spleen		Pigmentation	Mild
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 629
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 98191
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thymus		Hemorrhage	Mild
[Hemorrhage TGLS = 4-3]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Brain Compression		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING
* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Serosa	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
Note: LOCALIZED AREA OF FIBROSIS OF THE LIVER CAPSULE ALSO HAS AMYLOID DEPOSITS AND BILIARY EPITHELIAL HYPERPLASIA			
[Clear Cell Focus TGLS = 2-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Peritoneum		Mesothelioma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
[Adenoma TGLS = 3-1]			
[Angiectasis TGLS = 3-1]			
* Prostate		Inflammation	Chronic, Minimal
		Mesothelioma Malignant	
* Seminal Vesicle		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100737
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Mesothelioma Malignant	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100698
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
Note: Mediastinal Lymph Node is Normal.			
[Leukemia Mononuclear TGLS = 5-22]			
* Mammary Gland		Fibroadenoma	
Note: TGL2 IS BELIEVED TO BE MAMMARY GLAND INSTEAD OF SKIN			
[Fibroadenoma TGLS = 2-21]			
* Pancreas		Atrophy	Moderate
		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100698
ORGAN AND ACCOUNTABLE SITE STATUS			
		Leukemia Mononuclear	
	[Cyst TGLS = 3-7]		
	[Leukemia Mononuclear TGLS = 3-7,5-22]		
* Prostate		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-6]		
* Testes	Bilateral, Interstit Cell	Adenoma	
		Leukemia Mononuclear	
	[Adenoma TGLS = 1-7]		
* Thyroid Gland	Follicle	Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: SAMPLE OF NORMAL MESENTERY SENT FOR ONCOGENE ANALYSIS AND IS ON SLIDE 23			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 45	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100738
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration Hypertrophy Leukemia Mononuclear	Fatty, Minimal Focal, Minimal
* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
Note: TGL4; ENLARGED PANCREATIC NODE IS BELIEVED TO BE ISLET CELL ADENOMA [Adenoma TGLS = 4-7]			
* Kidney	Renal Tubule	Adenoma Leukemia Mononuclear Nephropathy	Minimal
Note: SMALL RENAL TUBULAR IS ONLY MICROSCOPIC AND IS ONLY ON SLIDE 5----NOT PRESENT ON SLIDE 5.1			
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Alveolar/Bronchiolar Adenoma Infiltration Cellular Leukemia Mononuclear	Histiocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 6-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100738
ORGAN AND ACCOUNTABLE SITE STATUS			
Lymph Node			
Note: TGL7; ENLARGED MEDIASTINAL NODE IS POSSIBLY BELIEVED TO BE ADIPOSE TISSUE			
* Nose			
Note: SLIGHT HYPERPLASIA OF EPITHELIUM ADJACENT TO THE CARTILAGE IS PRESENT BUT NOT DIAGNOSED			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 8-1]			
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 46	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100739
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Brain	* Epididymis	* Esophagus
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Minimal
* Eye		Cataract	Minimal
[Cataract TGLS = 4-44]			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 7-21]			
* Pancreas		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Skin		Basal Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100739
ORGAN AND ACCOUNTABLE SITE STATUS			
[Basal Cell Carcinoma TGLS = 9-23]		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 8-22]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 3-7]			
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 5-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 47	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 661 HISTO: 98734
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Rectum	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Nose	* Pancreas

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma
CONTRIBUTORY CAUSE OF DEATH	- Lymph Node Mediastinal Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: EXTENSIVE AUTOLYSIS IS PRESENT IN MANY TISSUES

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ear	* Epididymis
* Esophagus	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING
* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
		Congestion	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Congestion TGLS = 2-2]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
[Adenoma TGLS = 3-1]			
[Angiectasis TGLS = 3-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100740
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 49	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100741
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 3-3]			
* Mammary Gland		Cyst	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
[Adenoma TGLS = 4-1]			
[Angiectasis TGLS = 4-1]			
* Prostate		Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-7-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 49	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100741
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes [Adenoma TGLS = 1-7]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100742
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Granulomatous, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
[Cyst TGLS = 6-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6,5-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100742

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 51	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 651 HISTO: 98650
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
Note: TGL6, NODULE ON THE LIVER, IS BELIEVED TO GE THE RESULT OF ABNORMAL FISSURE AND LOBULATION			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Atrophy	Minimal
* Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Fibrosarcoma	
Note: TGL5, NODULE ON THE EYELID WILL BE ENTERED UNDER THE SKIN			
[Fibroma TGLS = 5-22]			
[Fibrosarcoma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 51	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 651 HISTO: 98650
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 52	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100929
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Infiltration Cellular TGLS = 4-2]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 52	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100929
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 1-7]	Germinal Epith	Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: TGL5;GLANDULAR STOMACH; NODULES ON THE MUCOSA DESCRIBED BY THE TRIMMER MAY POSSI BLY HAVE BEEN FOLDS			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 53	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100930
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Carcinoma	Metastatic (Thyroid Gland)
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: SMALL AGGREGATE OF APPROXIMATELY 50 EPITHELIAL CELLS BELIEVED TO BE FROM C-CELL TUMOR IN THYROID			
Lymph Node	Pancreatic	Leukemia Mononuclear	
Note: TGL5; ENTERED AS PANCREATIC NODE INSTEAD OF PANCREAS			
[Leukemia Mononuclear TGLS = 5-7]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	TRT#: 2	SEX: Male	DAY ON TEST: 731
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 100930
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 7-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 54	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100931
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	Lymph Node
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 5-5]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node			
Note: Mediastinal Lymph Node is Normal.			
* Mammary Gland		Fibroadenoma	
Note: TGL1; ENTERED AS MAMMARY TISSUE INSTEAD OF SKIN			
[Fibroadenoma TGLS = 1-21]			
Mesentery		Leukemia Mononuclear	
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 6-22]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 54	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100931
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen [Leukemia Mononuclear TGLS = 4-6]		Leukemia Mononuclear	
* Testes Note: SUSPICIOUS MESOTHELIAL CELLS ARE PRESENT ON THE CAPSULE OF ATROPHIC TESTICLE-----NOT DIAGNOSED [Adenoma TGLS = 2-7] [Atrophy TGLS = 3-7]	Bilateral, Interstit Cell Germinal Epith	Adenoma Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 55	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 710 HISTO: 100932
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
[Infarct TGLS = 6-5]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 14-6]			
* Lung		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Note: TGL11 ON SLIDE 24 IS A LOCALIZED AREA OF FIBROSIS WHICH IS NOT DIAGNOSED			
[Leukemia Mononuclear TGLS = 12-2]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 55	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 710 HISTO: 100932
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 9-3]			
[Leukemia Mononuclear TGLS = 10-22]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5]			
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 15-8]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 13-1]			
[Angiectasis TGLS = 13-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-23]			
* Stomach, Forestomach		Edema	Mild
	Epithelium	Hyperplasia	Minimal
		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 56	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 693 HISTO: 100933
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
		Pheochromocytoma Malignant	
[Pheochromocytoma Benign TGLS = 6-10]			
[Pheochromocytoma Malignant TGLS = 6-10]			
* Bone Marrow		Hyperplasia	Mild
* Heart		Thrombosis	Moderate
[Thrombosis TGLS = 10-5-1]			
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Necrosis	Moderate
[Necrosis TGLS = 7-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 11-23]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 8-5]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 56	TRT#: 2	SEX: Male	DAY ON TEST: 693
	DOSE: 50 MG/L	DISP: Natural Death	HISTO: 100933
ORGAN AND ACCOUNTABLE SITE STATUS			
* Skin	Keratoacanthoma		
Note: TGL1; SOME AREAS OF THE NEOPLASTIC PROCESS APPEAR TO HAVE SEBACEOUS EPITHELIAL CELLS, HOWEVER, IT IS INVAGINATED [Keratoacanthoma TGLS = 1-21,1-21-1]			
* Spleen	Hematopoietic Cell Proliferation		Moderate
[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Stomach, Glandular	Ulcer		Mild
[Ulcer TGLS = 12-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
[Adenoma TGLS = 2-7]			
* Urinary Bladder	Papilloma		
PRIMARY CAUSE OF DEATH	- Heart Thrombosis		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 57	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 602 HISTO: 98135
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Bone Marrow	* Intestine Large, Cecum	* Intestine Small, Ileum	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
* Brain		Compression	Moderate
[Compression TGLS = 4-1]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
* Lung		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-2]			
Lymph Node			
Note: TGL3, THYMUS COULD HAVE BEEN MISTAKEN FOR THE MEDIASTINAL LYMPH NODE			
* Mammary Gland		Cyst	Mild
[Cyst TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
[Adenoma TGLS = 5-1]			
[Angiectasis TGLS = 5-1]			
* Preputial Gland		Cyst	Minimal
* Prostate		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 57	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 602 HISTO: 98135
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Brain Compression		
Animal Note: NUMEROUS PROCESSING ARTIFACTS ARE PRESENT IN THESE SLIDES			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	TRT#: 2	SEX: Male	DAY ON TEST: 641
	DOSE: 50 MG/L	DISP: Moribund Sacrifice	HISTO: 98260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Thymus	* Trachea		

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Brain		Compression	Minimal
[Compression TGLS = 4-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 5-1]			
[Angiectasis TGLS = 5-1]			
* Stomach, Forestomach		Edema	Mild
		Ulcer	Mild
* Stomach, Glandular		Ulcer	Moderate
[Ulcer TGLS = 6-4]			
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 58	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 641 HISTO: 98260
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 1-7] [Hyperplasia TGLS = 1-7] * Thyroid Gland * Urinary Bladder [Hemorrhage TGLS = 3-8]	Interstit Cell C Cell	Hyperplasia Hyperplasia Hemorrhage	Minimal Minimal Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 59	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100934
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Brain		Compression	Mild
[Compression TGLS = 6-1]			
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
* Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Mesothelioma Malignant	
Note: THREE SMALL CLUSTERS OF MALIGNANT MESOTHELIAL CELLS ARE PRESENT BETWEEN THE LOBES OF THE LUNGS ON SLIDE NUMBER 2			
* Mammary Gland		Cyst	Minimal
* Pancreas		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 59	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100934
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland [Adenoma TGLS = 7-1] [Angiectasis TGLS = 7-1]	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild
* Preputial Gland		Adenoma	
* Prostate [Inflammation TGLS = 3-7-1]		Inflammation	Chronic, Mild
* Spleen [Leukemia Mononuclear TGLS = 4-6]		Leukemia Mononuclear	
* Testes [Adenoma TGLS = 1-7] [Atrophy TGLS = 2-7]	Bilateral, Interstit Cell Germinal Epith	Adenoma Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: MALIGNANT MESOTHELIOMA IS ONLY OBSERVED IN THE PLEURAL CAVITY AND IS ON SLIDE 2			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 60	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100935
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 2-5]			
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
Note: TGL6; DEFORMITY IS BELIEVED TO BE AN INSIGNIFICANT FISSURE AND IS NOT DIAGNOSED			
[Clear Cell Focus TGLS = 4-6]			
[Hepatocellular Adenoma TGLS = 3-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 60	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100935
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 61	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100936
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 6-1]			
[Angiectasis TGLS = 6-1]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 3-21]			
* Prostate		Inflammation	Chronic, Mild
[Inflammation TGLS = 4-7-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	TRT#: 2	SEX: Male	DAY ON TEST: 729
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 100936
ORGAN AND ACCOUNTABLE SITE STATUS			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 62	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 626 HISTO: 98195
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Brain		Compression	Mild
[Compression TGLS = 5-1,5-1-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
* Lung		Congestion	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
Note: SLIGHT ECTASIA ACCOMPANIES LYMPHOID HYPERPLASIA OF MEDIASTINAL NODE			
* Mammary Gland		Cyst	Mild
[Cyst TGLS = 1-8-1]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 4-1]			
* Prostate		Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-7-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 62	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 626 HISTO: 98195
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Brain Compression;Kidney Nephropathy;Prostate Inflammation		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 63	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100937
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Thrombosis	Moderate
[Thrombosis TGLS = 9-5-1]			
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: FOCAL AREA OF LIVER TISSUE HAS BEEN REPLACED BY ADIPOSE TISSUE			
[Hyperplasia TGLS = 8-6]			
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
Note: ECTASIA ACCOMPANIES THE HYPERPLASIA IN THE PANCREATIC NODE, HOWEVER, THIS ALTERATION IS NOT DIAGNOSED			
[Hyperplasia TGLS = 5-7]			
* Mammary Gland		Cyst	Minimal
* Pituitary Gland	Pars Intermed	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	TRT#: 2	SEX: Male	DAY ON TEST: 729
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 100937
ORGAN AND ACCOUNTABLE SITE STATUS			
* Prostate		Inflammation	Chronic, Minimal
* Skin		Hyperplasia	Mild
Note: HYPERKERATOSIS ACCOMPANIES THE LOCALIZED EPITHELIAL PROLIFERATION			
[Hyperplasia TGLS = 3-21]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 7-22]			
[Leukemia Mononuclear TGLS = 6-23]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 11-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 64	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100938
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: SMALL FOCAL AREA OF FIBROSIS PRESENT BUT NOT DIAGNOSED FOR CONSISTENCY			
* Mammary Gland		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 3-1]			
[Angiectasis TGLS = 3-1]			
* Preputial Gland		Adenoma	
Note: TGL2 IS ENTERED AS PREPUTIAL GLAND INSTEAD OF MAMMARY GLAND			
[Adenoma TGLS = 2-21]			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 64	TRT#: 2	SEX: Male	DAY ON TEST: 729
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 100938

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 65	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 437 HISTO: 96087
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Medulla [Pheochromocytoma Malignant TGLS = 1-22]		Pheochromocytoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Congestion	Minimal
Mesentery [Necrosis TGLS = 2-21]	Fat	Necrosis	Mild
* Pancreas		Atrophy	Mild
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thymus [Hemorrhage TGLS = 3-3]		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH	- Adrenal Medulla	Pheochromocytoma Malignant
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 66	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 679 HISTO: 100939
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5]			
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 5-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
		Leukemia Mononuclear	
* Preputial Gland		Adenoma	
		Cyst	Minimal
		Inflammation	Chronic, Mild
[Adenoma TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	TRT#: 2	SEX: Male	DAY ON TEST: 679
	DOSE: 50 MG/L	DISP: Moribund Sacrifice	HISTO: 100939
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Prostate		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Stomach, Forestomach		Erosion	Mild
	Epithelium	Hyperplasia	Mild
* Stomach, Glandular		Erosion	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 67	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 651 HISTO: 98651
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
* Brain		Compression	Moderate
[Compression TGLS = 6-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 8-22]			
[Vacuolization Cytoplasmic TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 5-3]			
* Mammary Gland		Cyst	Minimal
* Nose		Inflammation	Chronic, Minimal
* Pancreas			
Note: SMALL MULTILOCULATED CYST IS PRESENT IN THE PANCREAS, HOWEVER THIS DIAGNOSIS WAS ELIMINATED DURING THE CLEAN UP PROCESS			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 67	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 651 HISTO: 98651
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 7-1] [Angiectasis TGLS = 7-1] * Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21] * Stomach, Forestomach		Edema	Minimal
* Testes	Epithelium	Hyperplasia	Minimal
	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-7] [Hyperplasia TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Brain Compression		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 68	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 547 HISTO: 96092
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Seminal Vesicle	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-2]			
Lymph Node	Axillary	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3]			
[Leukemia Mononuclear TGLS = 10-21]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-22]			
Mesentery		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	TRT#: 2	SEX: Male	DAY ON TEST: 547
	DOSE: 50 MG/L	DISP: Natural Death	HISTO: 96092
ORGAN AND ACCOUNTABLE SITE STATUS			
* Prostate		Inflammation	Chronic, Mild
* Salivary Glands		Leukemia Mononuclear	
* Skin	Subcut Tiss	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
		Ulcer	Mild
[Squamous Cell Papilloma TGLS = 11-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 69	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100940
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
* Pancreas		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Skin		Cyst Epithelial Inclusion	Mild
[Cyst Epithelial Inclusion TGLS = 3-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 70	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100941
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Regeneration	Marked
Note: Liver Regeneration associated with Leukemia Mononuclear.			
* Pancreas		Atrophy	Minimal
		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 71	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO: 100942
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
Note: TGL2; ENTERED AS MAMMARY GLAND INSTEAD OF SKIN [Fibroadenoma TGLS = 2-22]			
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 5-1]			
* Skin	Subcut Tiss	Fibroma	
Note: THE MASS IN THE SKIN IS QUITE LARGE BUT MITOTIC FIGURES ARE NOT NUMEROUS [Fibroma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 71	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO: 100942
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 3-7] [Atrophy TGLS = 4-7]			
* Thyroid Gland	Follicle	Cyst	Minimal
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 72	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100943
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: TGL3; LIVER NODULE IS BELIEVED POSSIBLY TO BE INSIGNIFICANT ABNORMAL LOBULATION WHICH IS NOT DIAGNOSED			
* Lung		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
* Saliv Glands			
Note: CYTOMEGALY PRESENT IN SOME EPITHELIAL CELLS			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
Note: TGL2; LEFT TESTICLE IS BELIEVED TO BE SMALL INSTEAD OF THE RIGHT ENLARGED			
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 72	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100943
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 73	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 679 HISTO: 100944
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Clear Cell Focus TGLS = 3-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Atrophy	Mild
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 74	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 724 HISTO: 100945
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular	* Thymus		
AUTO PRECLUDES DIAG.			
* Intestine Small, Jejunum			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
		Necrosis	Minimal
Note: SMALL FOCAL AREA OF NECROSIS IN ONE HIPPOCAMPUS			
[Leukemia Mononuclear TGLS = 11-1]			
* Heart		Leukemia Mononuclear	
		Thrombosis	Moderate
[Thrombosis TGLS = 6-5]			
* Intestine Small, Duodenum		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-21]			
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 12-22]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
[Leukemia Mononuclear TGLS = 4-5]			
* Liver	Bile Duct	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 74	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 724 HISTO: 100945
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 5-6]		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
[Leukemia Mononuclear TGLS = 8-1]		Leukemia Mononuclear	
* Preputial Gland		Cyst	Mild
		Hyperplasia	Mild
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 10-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Carcinoma	
PRIMARY CAUSE OF DEATH	- Heart Thrombosis		
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 75	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100946
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Mild
Note: GOOD EXAMPLE OF FUNGAL ORGANISMS			
* Pancreas		Atrophy	Minimal
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 75	TRT#: 2	SEX: Male	DAY ON TEST: 731
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 100946

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: TGL1; ENTERED AS PREPUTIAL GLAND INSTEAD OF MAMMARY GLAND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 76	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100947
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Prostate		Inflammation	Chronic, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 76	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100947
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100948
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hypertrophy Adenoma	Fatty, Minimal Focal, Minimal
* Islets, Pancreatic		Nephropathy	Mild
* Kidney		Clear Cell Focus	
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Minimal
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Inflammation Leukemia Mononuclear Leukemia Mononuclear	Chronic, Minimal
Lymph Node	Mediastinal	Atrophy	Mild
* Pancreas		Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Inflammation	Chronic, Mild
* Prostate		Leukemia Mononuclear	
* Spleen			
* Stom Gland			
Note: SMALL FOCAL AREA OF GLANDULAR HYPERPLASIA PRESENT BUT NOT DIAGNOSED			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100948
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 78	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO: 100949
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adren Cortex			
Note: SMALL AGGREGATE OF CORTICAL EPITHELIAL CELLS APPEAR TO BE IN A VESSEL IN THE CAPSULE			
* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 6-10]			
* Bone Marrow		Hyperplasia	Minimal
* Eye		Schwannoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Schwannoma Malignant	Metastatic (Eye)
[Schwannoma Malignant TGLS = 9-24,10-25]			
Lymph Node	Deep Cervical	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 8-23]			
[Hyperplasia TGLS = 4-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 7-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 78	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO: 100949
ORGAN AND ACCOUNTABLE SITE STATUS			
Mesentery Note: HEMORRHAGE IS ALSO PRESENT IN THE MESENTERY ON SLIDE 22 IN CONJUNCTION WITH THE SLIGHT NECROSIS [Necrosis TGLS = 2-22]	Fat	Necrosis	Mild
* Nose		Foreign Body Inflammation	Minimal Chronic, Minimal
* Skin [Fibroma TGLS = 1-21]	Subcut Tiss	Fibroma	
* Spleen [Leukemia Mononuclear TGLS = 5-6]		Leukemia Mononuclear	
* Testes [Adenoma TGLS = 3-7]	Bilateral, Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma		
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 79	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 709 HISTO: 100950
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Rectum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule Degeneration Hypertrophy Leukemia Mononuclear	Minimal Fatty, Minimal Focal, Minimal
* Bone Marrow		Cardiomyopathy	Minimal
* Heart		Nephropathy	Mild
* Kidney		Hyperplasia	Mild
* Liver	Bile Duct	Leukemia Mononuclear Leukemia Mononuclear	
* Lung		Hyperplasia	Lymphoid, Minimal
Lymph Node	Mediastinal	Fibroadenoma	
* Mammary Gland			
Note: AUTOLYSIS HINDERS ADEQUATE DIAGNOSIS OF THE LARGE MASS IN THE MAMMARY GLAND [Fibroadenoma TGLS = 1-21]			
* Pancreas		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Edema	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 79	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 709 HISTO: 100950
ORGAN AND ACCOUNTABLE SITE STATUS			
[Erosion TGLS = 4-4,4-22] * Stomach, Glandular		Erosion	Mild
		Edema	Minimal
* Testes [Adenoma TGLS = 2-7] [Atrophy TGLS = 3-7]	Bilateral, Interstit Cell Germinal Epith	Erosion	Mild
		Adenoma Atrophy	Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 80	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100951
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hypertrophy Leukemia Mononuclear	Fatty, Mild Focal, Mild
* Adrenal Medulla		Hyperplasia Leukemia Mononuclear	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy Leukemia Mononuclear	Minimal
* Intestine Large, Colon		Edema	Mild
* Kidney		Leukemia Mononuclear Nephropathy	Mild
Note: SMALL FOCAL AREA OF NECROSIS IN PERIPHERAL CORTEX LIKELY SECONDARY TO THE LEUKEMIA AND NOT DIAGNOSED			
[Leukemia Mononuclear TGLS = 9-5]			
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Marked
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
Lymph Node	Mediastinal Pancreatic	Leukemia Mononuclear Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 80	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100951
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 3-7]			
[Leukemia Mononuclear TGLS = 8-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
* Mammary Gland		Cyst	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
		Necrosis	Minimal
[Leukemia Mononuclear TGLS = 4-6-1]			
[Necrosis TGLS = 5-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 81	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100952
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Hyperplasia	Lymphoid, Mild
Lymph Node	Mediastinal		
[Hyperplasia TGLS = 4-3]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Nose		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Mild
Note: THE FOCAL HYPERPLASIA IS ON SLIDE 4 INSTEAD OF SLIDE 7			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 81	TRT#: 2	SEX: Male	DAY ON TEST: 731
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 100952
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 82	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 471 HISTO: 96088
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Mammary Gland	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 5-1]			
[Leukemia Mononuclear TGLS = 5-1]			
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-5]			
Mesentery		Leukemia Mononuclear	
* Nose		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 82	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 471 HISTO: 96088
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Forestomach		Edema	Minimal
		Ulcer	Minimal
* Stomach, Glandular		Edema	Minimal
		Leukemia Mononuclear	
[Edema TGLS = 6-21]			
[Leukemia Mononuclear TGLS = 6-21]			
* Testes	Interstit Cell	Hyperplasia	Mild
[Hyperplasia TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 83	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100953
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule Hyperplasia Leukemia Mononuclear	Minimal Focal, Minimal
* Adrenal Medulla		Hyperplasia Leukemia Mononuclear	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia Nephropathy	Moderate Marked
[Nephropathy TGLS = 6-5]			
* Liver	Bile Duct	Degeneration Hyperplasia Leukemia Mononuclear	Cystic, Moderate Moderate
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Inflammation Leukemia Mononuclear	Chronic, Minimal
Note: SMALL FOCI OF NECROSIS BELIEVED TO BE SECONDARY TO THE LEUKEMIA AND NOT DIAGNOSED			
[Leukemia Mononuclear TGLS = 13-2]			
Lymph Node	Mediastinal Pancreatic	Hyperplasia Leukemia Mononuclear	Lymphoid, Moderate
[Hyperplasia TGLS = 8-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 83	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100953
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 4-7]			
* Mammary Gland		Cyst Fibroadenoma	Minimal
[Cyst TGLS = 10-8]			
[Fibroadenoma TGLS = 11-22]			
* Nose		Foreign Body Inflammation	Minimal Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild
[Adenoma TGLS = 12-1]			
[Angiectasis TGLS = 12-1]			
* Prostate		Inflammation	Chronic, Mild
[Inflammation TGLS = 3-7-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-21]			
* Testes	Interstit Cell Germinal Epith	Adenoma Atrophy	Mild
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 9-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 84	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 519 HISTO: 96089
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Interstit Cell	Hyperplasia	Mild
[Hyperplasia TGLS = 5-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 84	TRT#: 2	SEX: Male	DAY ON TEST: 519
	DOSE: 50 MG/L	DISP: Moribund Sacrifice	HISTO: 96089
ORGAN AND ACCOUNTABLE SITE STATUS			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 85	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 697 HISTO: 100954
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Hyperplasia	Mild
	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
		Thrombosis	Moderate
	[Thrombosis TGLS = 5-5-1]		
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-6]		
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-2]		
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	[Adenoma TGLS = 7-1]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 85	TRT#: 2	SEX: Male	DAY ON TEST: 697
	DOSE: 50 MG/L	DISP: Natural Death	HISTO: 100954
ORGAN AND ACCOUNTABLE SITE STATUS			
[Angiectasis TGLS = 7-1]			
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
* Stom Gland			
Note: TGL8;NODULES IN MUCOSA BELIEVED LIKELY TO BE FOLDS			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Heart Thrombosis		
Animal Note: CONGESTION, SECONDARY TO THE HEART PROBLEM, IS PRESENT IN SEVERAL TISSUES BUT NO T DIAGNOSED			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 86	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100955
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear Necrosis	Mild
[Necrosis TGLS = 4-10]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-7]			
[Leukemia Mononuclear TGLS = 7-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 86	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100955
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 6-5]			
* Pancreas	Pars Distalis	Atrophy	Minimal
* Pituitary Gland		Hyperplasia Leukemia Mononuclear	Focal, Mild
[Leukemia Mononuclear TGLS = 8-1]			
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear Necrosis	Mild
[Leukemia Mononuclear TGLS = 3-6-1]			
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 9-4]			
* Stomach, Glandular		Erosion	Mild
* Testes	Bilateral, Interstit Cell Germinal Epith	Adenoma Atrophy	Mild
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 87	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 691 HISTO: 100956
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Mild
[Leukemia Mononuclear TGLS = 6-10]	Leukemia Mononuclear	
* Adrenal Medulla	Leukemia Mononuclear	
* Bone	Hypertrophy	Mild
[Hypertrophy TGLS = 12-22]		
* Bone Marrow	Leukemia Mononuclear	
* Brain	Hemorrhage	Moderate
[Hemorrhage TGLS = 11-1]	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-1]		
* Heart	Cardiomyopathy	Minimal
	Leukemia Mononuclear	
* Kidney	Leukemia Mononuclear	
	Nephropathy	Minimal
* Liver	Degeneration	Cystic, Mild
	Hepatodiaphragmatic Nodule	Mild
	Hyperplasia	Mild
	Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 8-21]		
[Leukemia Mononuclear TGLS = 7-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 87	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 691 HISTO: 100956
ORGAN AND ACCOUNTABLE SITE STATUS			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-3]			
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-5]			
Mesentery		Leukemia Mononuclear	
* Pancreas		Atrophy	Moderate
		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6,14-23]			
* Stomach, Glandular		Edema	Mild
		Ulcer	Mild
[Ulcer TGLS = 15-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 3-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 88	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100957
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Prostate		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 88	TRT#: 2	SEX: Male	DAY ON TEST: 730
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 100957

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: TGL2 IS ENTERED AS SKIN INSTEAD OF SKELETAL MUSCLE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 89	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100958
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 90	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 618 HISTO: 98196
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ear	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
[Hyperplasia TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 8-2]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 7-3]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas	Acinus	Adenoma	
		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Cyst	Mild
[Cyst TGLS = 3-8]			
* Prostate		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 90	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 618 HISTO: 98196
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibrosarcoma TGLS = 1-21,1-21-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 91	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 612 HISTO: 98197
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Skin	* Trachea
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Epididymis		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
		Leukemia Mononuclear	
* Liver			
[Leukemia Mononuclear TGLS = 10-6-1]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Mammary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-8]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Minimal
[Leukemia Mononuclear TGLS = 6-21]			
[Necrosis TGLS = 6-21]			
* Pancreas		Atrophy	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 91	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 612 HISTO: 98197
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 5-7-1]			
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Cyst	Minimal
* Prostate		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Erosion	Minimal
		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 3-7]			
* Thymus		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 7-3]			
[Leukemia Mononuclear TGLS = 7-3]			
* Thyroid Gland		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Species/Strain: Rat/F 344/N

CAS Number: 631-64-1

Lab: SRI

ANIMAL ID: 92	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 615 HISTO: 98198
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Focal, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 7-6]			
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Leukemia Mononuclear	
Lymph Node	Mediastinal		
[Leukemia Mononuclear TGLS = 8-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
* Mammary Gland		Cyst	Minimal
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Mild
[Leukemia Mononuclear TGLS = 5-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 92	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 615 HISTO: 98198
ORGAN AND ACCOUNTABLE SITE STATUS			
[Necrosis TGLS = 5-21]			
* Pancreas		Atrophy Leukemia Mononuclear	Mild
* Pituitary Gland	Pars Distalis	Hemorrhage Leukemia Mononuclear	Mild
[Hemorrhage TGLS = 9-1]			
* Prostate		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach		Erosion	Mild
[Erosion TGLS = 10-4]			
* Testes	Bilateral, Interstit Cell Germinal Epith	Adenoma Atrophy	Minimal
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 93	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100959
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
	[Cyst TGLS = 3-1]		
	[Hyperplasia TGLS = 3-1]		
* Prostate		Inflammation	Chronic, Mild
* Skin		Cyst Epithelial Inclusion	Mild
	[Cyst Epithelial Inclusion TGLS = 1-21]		
* Stom Gland			

Note: TGL4; WHITE NODULES ON MUCOSA, BELIEVED TO BE LYMPHOID AGGREGATES AND ARE NOT DIAGNOSED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 93	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100959
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes [Adenoma TGLS = 2-7]	Bilateral, Interstit Cell Germinal Epith	Adenoma Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 94	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 651 HISTO: 98652
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
Note: MULTIPLE METASTATIC SITES ON THE PLEURA OF THE LUNGS			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 6-3]			
* Pituitary Gland	Pars Distalis	Adenoma	
Skeletal Muscle		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Note: MULTIPLE METASTATIC SITES INVOLVING SKELETAL MUSCLE SECTIONS OF DIAPHRAGM AND THORACIC MUSCLE			
Note: TGL5 IS ENTERED AS SKELETAL MUSCLE IN PLACE OF TISSUE NOS			
[Alveolar/Bronchiolar Carcinoma TGLS = 3-21,4-22,5-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
* Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Note: NEOPLASTIC PROCESS ALSO HAS MORPHOLOGY SIMILAR TO ALVEOLAR/BRONCHIOLAR CARCINOMA			
Note: OSSEOUS METAPLASIA EVIDENT IN THE NEOPLASTIC PROCESS ON SLIDE 3			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 94	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 651 HISTO: 98652
ORGAN AND ACCOUNTABLE SITE STATUS			
[Alveolar/Bronchiolar Carcinoma TGLS = 7-3]			
PRIMARY CAUSE OF DEATH	- Thymus Alveolar/Bronchiolar Carcinoma Lung		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	TRT#: 2	SEX: Male	DAY ON TEST: 510
	DOSE: 50 MG/L	DISP: Moribund Sacrifice	HISTO: 96090
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Necrosis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Intestine Large, Cecum		Congestion	Moderate
		Edema	Mild
		Leukemia Mononuclear	
[Congestion TGLS = 7-4]			
[Edema TGLS = 7-4]			
[Leukemia Mononuclear TGLS = 7-4]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 95	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 510 HISTO: 96090
ORGAN AND ACCOUNTABLE SITE STATUS			
Lymph Node [Leukemia Mononuclear TGLS = 4-7]	Pancreatic	Leukemia Mononuclear Leukemia Mononuclear	
* Lymph Node, Mesenteric [Leukemia Mononuclear TGLS = 6-21]		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
* Pancreas		Atrophy	Moderate
		Leukemia Mononuclear	
* Prostate		Leukemia Mononuclear	
* Spleen [Leukemia Mononuclear TGLS = 2-22]		Leukemia Mononuclear	
* Stomach, Glandular [Edema TGLS = 8-23]		Edema	Minimal
* Testes [Adenoma TGLS = 3-7]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 96	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 721 HISTO: 100960
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Degeneration Hyperplasia Chordoma	Fatty, Mild Focal, Minimal
* Bone [Chordoma TGLS = 5-22]	Vertebra		
* Heart		Cardiomyopathy Inflammation	Minimal Moderate
* Intestine Large, Colon Note: LESIONS IN THE LARGE INTESTINES BELIEVED LIKELY TO BE SECONDARY TO THE TUMOR IN THE LUMBOSACRAL AREA AS DESCRIBED UNDER CHORDOMA IN PATHOLOGY OF FISCHER RAT [Inflammation TGLS = 8-4,9-4]			
* Kidney [Nephropathy TGLS = 4-5,4-5.1]	Transit Epithe	Hyperplasia Nephropathy	Mild Marked
* Liver	Bile Duct Hepatocyte	Hyperplasia Vacuolization Cytoplasmic	Mild Moderate
* Lung [Hyperplasia TGLS = 6-2]	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland [Cyst TGLS = 1-21,2-8]		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 96	TRT#: 2	SEX: Male	DAY ON TEST: 721
	DOSE: 50 MG/L	DISP: Natural Death	HISTO: 100960
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Cyst	Minimal
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Pigmentation	Mild
* Stomach, Glandular		Erosion	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	- Bone Vertebra Chordoma		
Animal Note: CHORDOMA BELIEVED LIKELY TO HAVE ORIGINATED FROM VENTRAL LUMBOSACRAL VERTEBRAL A REA AS BONE IS PRESENT IN THE TUMOR			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 97	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100961
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 3-1]			
[Angiectasis TGLS = 3-1]			
* Spleen		Leukemia Mononuclear	
Note: DIAGNOSIS OF LEUKEMIA BASED ON INCREASED MITOTIC FIGURES IN THE PERIPHERAL ASPECTS OF LYMPHOID FOLLICLES			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 97	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100961
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 1-7] [Atrophy TGLS = 2-7]	Germinal Epith	Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 98	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100962
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Peripheral Nerve		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-21]			
Peritoneum		Schwannoma Malignant	Metastatic (Peripheral Nerve)
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH -			
Animal Note: TGL1; MASS IN THE SALIVARY GLAND, IS ENTERED AS PERIPHERAL NERVE AS THE MASS IS BELIEVED TO BE A SCHWANNOMA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 99	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100963
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Mild
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 100	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 446 HISTO: 96091
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Thymus	* Trachea		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 8-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hyperplasia TGLS = 6-6]			
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 7-2]			
[Leukemia Mononuclear TGLS = 7-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5]			
* Mammary Gland		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 100	TRT#: 2 DOSE: 50 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 446 HISTO: 96091
ORGAN AND ACCOUNTABLE SITE STATUS			
Mesentery		Leukemia Mononuclear	
* Pancreas		Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
[Fibrosis TGLS = 9-22]			
[Leukemia Mononuclear TGLS = 3-21]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Edema	Minimal
		Erosion	Minimal
[Erosion TGLS = 10-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Hemorrhage	Marked
		Leukemia Mononuclear	
[Hemorrhage TGLS = 2-8]			
[Leukemia Mononuclear TGLS = 2-8]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 101	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100895
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Mixed Cell Focus	
* Lung		Vacuolization Cytoplasmic	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Preputial Gland		Adenoma	
* Prostate		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 102	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100896
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hypertrophy	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: ALTHOUGH THE LIVER TUMOR IS WELL CIRCUMSCRIBED, A TRABECULAR PATTERN IS PRESENT IN SOME AREAS			
[Clear Cell Focus TGLS = 5-6]			
[Degeneration TGLS = 5-6]			
[Hepatocellular Carcinoma TGLS = 2-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 102	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100896
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 4-1]			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 103	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100897
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Nose	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular	* Parathyroid Gland		
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatocellular Adenoma TGLS = 4-21]			
[Leukemia Mononuclear TGLS = 3-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 103	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100897
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 5-1]			
[Angiectasis TGLS = 5-1]			
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
		Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 2-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 104	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 402 HISTO: 96083
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Fibrosarcoma	
Note: TGL2, SKIN MASS IS ON SLIDE 21 INSTEAD OF 2 AS LISTED ON THE IANR [Fibrosarcoma TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Germinal Epith	Atrophy	Moderate
[Atrophy TGLS = 4-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 105	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 580 HISTO: 97722
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Moderate
[Compression TGLS = 1-1-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Mild
* Pancreas		Atrophy	Moderate
[Atrophy TGLS = 2-7-1,2-7-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 3-1]			
[Angiectasis TGLS = 3-1]			
* Prostate		Inflammation	Chronic, Mild
* Stomach, Glandular		Ulcer	Mild
[Ulcer TGLS = 4-4,4-4-1]			
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 105	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 580 HISTO: 97722
ORGAN AND ACCOUNTABLE SITE STATUS			
CONTRIBUTORY CAUSE OF DEATH	- Brain Compression		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 106	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100898
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration Hypertrophy Compression	Fatty, Minimal Focal, Minimal Mild
* Brain [Compression TGLS = 4-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
* Liver	Bile Duct Hepatocyte	Hyperplasia Vacuolization Cytoplasmic	Minimal Mild
* Lung		Inflammation	Chronic, Minimal
Lymph Node Note: CONGESTION ACCOMPANIES THE LYMPHOID HYPERPLASIA IN THE MEDIASTINAL NODE [Hyperplasia TGLS = 2-3]	Mediastinal	Hyperplasia	Lymphoid, Mild
* Mammary Gland		Cyst	Minimal
* Nose		Foreign Body Inflammation	Minimal Chronic, Minimal
* Pancreas		Atrophy Cyst	Mild Minimal
* Pituitary Gland [Adenoma TGLS = 3-1]	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 106	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100898
ORGAN AND ACCOUNTABLE SITE STATUS			
[Angiectasis TGLS = 3-1]			
* Prostate		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 107	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100899
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule Hyperplasia	Minimal Focal, Minimal
Note: FOCAL AREA OF PIGMENTATION IN THE CORTEX IS NOT DIAGNOSED			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia Nephropathy	Minimal Marked
[Nephropathy TGLS = 4-5]			
* Liver	Bile Duct	Clear Cell Focus Hyperplasia Leukemia Mononuclear	Minimal
[Clear Cell Focus TGLS = 5-6]			
* Lung		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
Note: ECTASIA ACCOMPANIES THE LYMPHOID HYPERPLASIA IN THE MEDIASTINAL NODE			
[Hyperplasia TGLS = 6-3]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Prostate		Inflammation	Chronic, Mild
* Skin		Cyst Epithelial Inclusion	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 107	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100899
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst Epithelial Inclusion TGLS = 2-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 108

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 100900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
Note: GOOD EXAMPLE OF FUNGAL ORGANISMS IN THE NASAL CAVITY			
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 6-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 108	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100900
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 2-7] [Atrophy TGLS = 3-7]	Germinal Epith	Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 109	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 423 HISTO: 96084
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
OBSERVATIONS			
* Brain		Hemorrhage Leukemia Mononuclear	Mild
[Hemorrhage TGLS = 6-1,6-22]			
[Leukemia Mononuclear TGLS = 6-1,6-22]			
* Heart		Cardiomyopathy Leukemia Mononuclear Leukemia Mononuclear	Minimal
* Kidney			
[Leukemia Mononuclear TGLS = 3-5,3-21]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal Pancreatic	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 109	TRT#: 3	SEX: Male	DAY ON TEST: 423
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 96084
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thymus		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-3]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 110	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 607 HISTO: 98131
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Rectum	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Bone Marrow	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Stomach, Glandular			

OBSERVATIONS

* Heart	Cardiomyopathy	Mild
* Liver	Hepatodiaphragmatic Nodule	Minimal
	Leukemia Mononuclear	
	Mixed Cell Focus	
Note: TGL3, MORPHOLOGY IS SUGGESTIVE OF INFARCTED HERNIATED LIVER SECTION		
Note: MIXED CELL FOCUS IS IN THE REGULAR LIVER SECTION ON SLIDE 6		
[Hepatodiaphragmatic Nodule TGLS = 3-21]		
[Leukemia Mononuclear TGLS = 4-6]		
* Lung	Hemorrhage	Mild
	Leukemia Mononuclear	
[Hemorrhage TGLS = 6-2]		
* Spleen	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]		
* Stomach, Forestomach	Edema	Minimal
	Ulcer	Mild
* Testes	Adenoma	
	Interstit Cell	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 110	TRT#: 3	SEX: Male	DAY ON TEST: 607
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 98131
ORGAN AND ACCOUNTABLE SITE STATUS			
Germinal Epith		Atrophy	Moderate
Note: TGL2,TESTES, NEOPLASIA FOUND IN ONLY ONE TESTICLE, NOT BOTH			
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
Animal Note: AUTOLYSIS HINDERS DIAGNOSES IN SEVERAL TISSUES			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 578 HISTO: 97723
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	Spinal Cord	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adren Cortex			
Note: TGL5, MOTTLED ADRENAL GLAND, IS A SMALL THROMBOSED VESSEL ADJACENT TO THE CAPSULE			
* Epididymis		Inflammation	Chronic, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Histiocytic Sarcoma	
		Necrosis	Focal, Moderate
[Histiocytic Sarcoma TGLS = 3-6]			
[Necrosis TGLS = 4-6]			
* Lung		Histiocytic Sarcoma	
		Inflammation	Chronic, Minimal
[Histiocytic Sarcoma TGLS = 7-2]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Chronic, Minimal
Skeletal Muscle		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 8-6]			
* Stomach, Glandular		Edema	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 578 HISTO: 97723
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes [Adenoma TGLS = 2-7]	Bilateral, Interstit Cell	Erosion Adenoma	Mild
PRIMARY CAUSE OF DEATH	- Skeletal Muscle Histiocytic Sarcoma		
Animal Note: SPINAL CORD AND PERIPHERAL NERVE WERE EVALUATED AND ENTERED AS NORMAL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 112	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 679 HISTO: 100901
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Brain		Compression	Mild
[Compression TGLS = 7-1]			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 1-7]			
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Edema	Mild
	Epithelium	Hyperplasia	Mild
		Ulcer	Moderate
* Stomach, Glandular		Edema	Mild
		Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 112	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 679 HISTO: 100901
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes [Adenoma TGLS = 2-7] [Atrophy TGLS = 3-7]	Interstit Cell Germinal Epith	Adenoma Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Forestomach Ulcer		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 113	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100902
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Minimal
Note: DIAGNOSIS OF CARCINOMA BASED ON NUMEROUS MITOTIC FIGURES			
[Alveolar/Bronchiolar Carcinoma TGLS = 3-22]			
* Mammary Gland		Fibroadenoma	
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 2-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
	Pars Intermed	Angiectasis	Minimal
[Adenoma TGLS = 4-1]			
[Angiectasis TGLS = 4-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 113	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100902
ORGAN AND ACCOUNTABLE SITE STATUS			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 100903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 3-7]			
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Mammary Gland		Cyst	Minimal
Note: TGL1; ENTERED AS MAMMARY GLAND INSTEAD OF SKIN			
[Cyst TGLS = 1-8]			
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Mild
Note: GOOD EXAMPLE OF FUNGAL ORGANISMS IN THE NASAL CAVITY			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100903
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Intermed	Cyst	Minimal
* Preputial Gland [Cyst TGLS = 7-8]		Cyst	Mild
* Spleen [Leukemia Mononuclear TGLS = 2-6]		Leukemia Mononuclear	
* Testes [Adenoma TGLS = 6-7]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland		Ultimobranchial Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100904
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Preputial Gland	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Brain		Compression	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 3-5]			
* Lung		Congestion	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Congestion TGLS = 5-2]			
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
[Adenoma TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Inflammation	Chronic, Minimal
* Skin		Cyst Epithelial Inclusion	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 115	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100904
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst Epithelial Inclusion TGLS = 6-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	TRT#: 3	SEX: Male	DAY ON TEST: 437
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 96085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING
* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.
* Intestine Small, Jejunum

OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Moderate
		Nephropathy	Minimal
[Hydronephrosis TGLS = 5-5]			
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Congestion	Marked
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Chronic, Marked
[Inflammation TGLS = 3-7-1]			
* Seminal Vesicle		Inflammation	Mild
[Inflammation TGLS = 4-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 6-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Hemorrhage	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 116	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 437 HISTO: 96085
ORGAN AND ACCOUNTABLE SITE STATUS			
* Urinary Bladder Note: TGL2, URINARY BLADDER, IS DISTENDED WITH DEBRIS AND INFLAMMATORY CELLS [Inflammation TGLS = 2-21]		Inflammation	Chronic, Moderate
PRIMARY CAUSE OF DEATH	- Prostate Inflammation		
CONTRIBUTORY CAUSE OF DEATH	- Kidney Hydronephrosis;Seminal Vesicle Inflammation;Urinary Bladder Inflammation		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 117	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 700 HISTO: 100905
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration Hypertrophy Leukemia Mononuclear	Fatty, Mild Focal, Mild
* Adrenal Medulla		Hyperplasia Leukemia Mononuclear Pheochromocytoma Benign	Mild
Note: DIAGNOSIS OF BENIGN PHEOCHROMOCYTOMA BASED ON SLIGHT COMPRESSION			
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage Leukemia Mononuclear	Moderate
[Hemorrhage TGLS = 13-1]			
[Leukemia Mononuclear TGLS = 13-1]			
* Heart		Cardiomyopathy Leukemia Mononuclear	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Moderate
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Infiltration Cellular Leukemia Mononuclear	Histiocyte, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 117	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 700 HISTO: 100905
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-24]			
[Leukemia Mononuclear TGLS = 10-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-25]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Nose		Inflammation	Chronic, Minimal
* Pancreas		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-24]			
* Pituitary Gland	Pars Intermed	Cyst	Minimal
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
Note: HEMORRHAGE AND EDEMA UNDER THE CAPSULE OF THE SPLEEN IS CONSIDERED A CONSEQUENCE OF LEUKEMIA AND NOT DIAGNOSED			
[Leukemia Mononuclear TGLS = 4-23,5-23]			
* Testes	Interstit Cell	Adenoma	
Note: TGL2; SMALL TESTICLE DESCRIBED GROSSLY, ONLY ONE TESTICLE ON SLIDE 7 AND IT HAS AN ADENOMA			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	TRT#: 3	SEX: Male	DAY ON TEST: 700
	DOSE: 500 MG/L	DISP: Moribund Sacrifice	HISTO: 100906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING
* Lymph Node, Mandibular

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Minimal
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Intestine Large, Colon		Edema	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
[Leukemia Mononuclear TGLS = 10-5]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Regeneration	
Note: Liver Regeneration is associated with Leukemia Mononuclear.			
Note: DIAGNOSIS OF ADENOMA BASED ON COMPRESSION OF ADJACENT PARENCHYMA			
[Leukemia Mononuclear TGLS = 8-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 118	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 700 HISTO: 100906
ORGAN AND ACCOUNTABLE SITE STATUS			
* Lung	Alveolar Epith	Hyperplasia Leukemia Mononuclear	Moderate
Note: THE DIAGNOSIS OF ALVEOLAR EPITHELIAL HYPERPLASIA IS COMPLICATED BY THE LEUKEMIA [Hyperplasia TGLS = 12-2]			
Lymph Node	Mediastinal Pancreatic	Leukemia Mononuclear Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-3] [Leukemia Mononuclear TGLS = 6-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-5]			
Mesentery		Leukemia Mononuclear	
Note: EDEMA IS ALSO PRESENT IN THE MESENTERY ON SLIDE 21, BUT NOT DIAGNOSED [Leukemia Mononuclear TGLS = 5-21]			
* Pancreas		Atrophy	Moderate
Note: INFLAMMATORY, NECROTIC, AND FIBROTIC REACTION ALSO PRESENT IN PANCREATIC TISSUE, BUT NOT DIAGNOSED			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Stom Gland			
Note: TGL13; NODULES IN THE STOMACH MUCOSA, DESCRIBED BY THE TRIMMER, ARE BELIEVED TO BE FOLDS IN THE MUCOSA			
* Testes	Bilateral, Interstit Cell Germinal Epith	Adenoma Atrophy	Mild
[Adenoma TGLS = 3-7] [Atrophy TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 119	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100907
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Mesentery		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 3-22]			
* Pancreas		Atrophy	Mild
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
Note: DIAGNOSIS OF LEUKEMIA BASED ON THE INCREASED NUMBER OF MITOTIC FIGURES IN THE PERIPHERAL ASPECTS OF LYMPHOID FOLLICLES			
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100908
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 121	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO: 100909
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	Minimal
[Compression TGLS = 11-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-7]			
[Leukemia Mononuclear TGLS = 10-24]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-22,8-5]			
* Mammary Gland		Cyst	Minimal
Mesentery		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 121	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO: 100909
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland [Adenoma TGLS = 12-1] [Angiectasis TGLS = 12-1]	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild
* Skin [Fibroma TGLS = 1-21]	Subcut Tiss	Fibroma	
* Spleen [Leukemia Mononuclear TGLS = 5-6]		Leukemia Mononuclear	
* Stomach, Forestomach		Edema Erosion	Moderate Mild
* Testes [Adenoma TGLS = 3-7] [Atrophy TGLS = 4-7]	Epithelium Bilateral, Interstit Cell Germinal Epith	Hyperplasia Adenoma Atrophy	Mild Moderate
* Thymus [Leukemia Mononuclear TGLS = 9-23]		Leukemia Mononuclear	
* Thyroid Gland	C Cell C Cell	Adenoma Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 122	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 607 HISTO: 98132
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21,3-22]			
Oral Mucosa	Pharyngeal	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 5-23]			
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 122	TRT#: 3	SEX: Male	DAY ON TEST: 607
	DOSE: 500 MG/L	DISP: Moribund Sacrifice	HISTO: 98132

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Oral Mucosa Pharyngeal Squamous Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear

Animal Note: TGL5, PHARYNX WILL BE ENTERED UNDER ORAL MUCOSA

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 4-5]			
* Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	Minimal
	Bile Duct	Hyperplasia	Mild
[Hepatodiaphragmatic Nodule TGLS = 5-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 6-3]			
* Mammary Gland		Cyst	Minimal
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100910
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis	Atrophy	Minimal
	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			
* Preputial Gland		Cyst	Mild
[Cyst TGLS = 1-8]			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: TGL 3 = NCL (No Corresponding Lesion)			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
[Clear Cell Focus TGLS = 3-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: SMALL FOCAL AREA OF OSSEOUS METAPLASIA PRESENT IN THE ADENOMA			
[Alveolar/Bronchiolar Adenoma TGLS = 4-2]			
* Mammary Gland		Cyst	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Adenoma	
* Prostate		Inflammation	Chronic, Mild
* Sem Ves			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 124	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100911
ORGAN AND ACCOUNTABLE SITE STATUS			
Note: THE SEMINAL VESICLES ARE DISTENDED WITHOUT SIGNIFICANT PATHOLOGICAL CHANGES SO THIS ALTERATION IS NOT DOCUMENTED			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Species/Strain: Rat/F 344/N

CAS Number: 631-64-1

Lab: SRI

HISTO: 96086

Adenoma

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 125	TRT#: 3	SEX: Male	DAY ON TEST: 521
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 96086

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-7]

PRIMARY CAUSE OF DEATH	- Lung Squamous Cell Carcinoma
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Animal Note: DIFFICULT AND UNUSUAL NEOPLASTIC PROCESS IN SEVERAL TISSUES IN THIS ANIMAL

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
Coagulating Gland	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Compression	Mild
[Compression TGLS = 8-1]			
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 4-6]			
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
Note: ECTASIA ACCOMPANIES THE HYPERPLASIA IN THE MEDIASTINAL LYMPH NODE			
[Hyperplasia TGLS = 5-3]			
* Mammary Gland		Carcinoma	
		Cyst	Minimal
[Carcinoma TGLS = 1-21]			
[Cyst TGLS = 3-8]			
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100912
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			
* Prostate		Inflammation	Chronic, Mild
* Skin		Inflammation	Chronic, Mild
Note: LOCALIZED AREA OF INFLAMMATION IN THE SQ TISSUE ADJACENT TO THE SALIVARY GLANDS ON SLIDE 8 IS ASSOCIATED WITH A FOREIGN BODY			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: TGL 6 = NCL (No Corresponding Lesion)			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 127

TRT#: 3

SEX: Male

DAY ON TEST: 253

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 94168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Congestion	Minimal
	Serosa	Thymoma Malignant	Metastatic (Thymus)
[Thymoma Malignant TGLS = 6-2]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Bronchial	Thymoma Malignant	Metastatic (Thymus)
[Hyperplasia TGLS = 2-21]			
[Thymoma Malignant TGLS = 7-24]			
Pleura		Thymoma Malignant	Metastatic (Thymus)
[Thymoma Malignant TGLS = 3-22]			
* Prostate		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Thymoma Malignant	
[Thymoma Malignant TGLS = 5-23]			

PRIMARY CAUSE OF DEATH

- Thymus Thymoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 128	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 608 HISTO: 98133
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 3-5]			
* Liver		Necrosis	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 4-6]			
Lymph Node	Mediastinal	Congestion	Mild
[Congestion TGLS = 6-3]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			
* Prostate		Inflammation	Chronic, Mild
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	TRT#: 3	SEX: Male	DAY ON TEST: 608
	DOSE: 500 MG/L	DISP: Moribund Sacrifice	HISTO: 98133
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Pigmentation	Minimal
* Stomach, Forestomach		Edema	Mild
	Epithelium	Hyperplasia	Minimal
		Ulcer	Marked
[Ulcer TGLS = 9-4,9-23,5-23]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 8-7]			
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Forestomach Ulcer		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	TRT#: 3	SEX: Male	DAY ON TEST: 590
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 97724
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Brain		Astrocytoma Malignant	
[Astrocytoma Malignant TGLS = 3-1,3-1-1,4-1,4-1-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Congestion	Minimal
		Hemorrhage	Minimal
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Hemorrhage	Mild
[Hemorrhage TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	- Brain	Astrocytoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
Note: DIAGNOSIS FOR MULTIFOCAL AREAS OF ALVEOLAR EPITHELIAL HYPERPLASIA COMPLICATED BY LEUKEMIA			
[Hyperplasia TGLS = 7-2]			
[Infiltration Cellular TGLS = 7-2]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7]			
* Mammary Gland		Cyst	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
		Leukemia Mononuclear	
[Hyperplasia TGLS = 8-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100913
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Leukemia Mononuclear Necrosis	Mild
Note: FOCAL NECROSIS BELIEVED TO BE SECONDARY TO THE LEUKEMIA			
[Leukemia Mononuclear TGLS = 2-21]			
[Necrosis TGLS = 3-21]			
* Stomach, Forestomach		Edema	Minimal
	Epithelium	Hyperplasia	Mild
		Ulcer	Mild
[Ulcer TGLS = 9-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 131	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100914
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule Hypertrophy Leukemia Mononuclear	Minimal Focal, Minimal
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear Nephropathy	Mild
* Liver		Degeneration Hyperplasia Leukemia Mononuclear	Cystic, Minimal Moderate
	Bile Duct		
Note: TGL10; ABNORMAL FISSURES AND LOBULATIONS ARE NOT DIAGNOSED [Leukemia Mononuclear TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Adenoma Hyperplasia Inflammation	Minimal Chronic, Minimal
	Alveolar Epith		
Note: Multifocal areas of Alveolar Epithelial Hyperplasia complicated by Leukemia and Inflammation. [Alveolar/Bronchiolar Adenoma TGLS = 8-2]			
Lymph Node	Mediastinal Pancreatic	Leukemia Mononuclear Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 131	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100914
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 7-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
* Mammary Gland		Cyst	Minimal
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Moderate
Note: GOOD EXAMPLE OF FUNGAL ORGANISMS			
* Pancreas		Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
		Leukemia Mononuclear	
[Adenoma TGLS = 9-1]			
[Angiectasis TGLS = 9-1]			
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
		Necrosis	Mild
Note: NECROSIS OF THE SPLEEN BELIEVED TO BE SECONDARY TO THE LEUKEMIA			
[Leukemia Mononuclear TGLS = 3-21]			
[Necrosis TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 132	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100915
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Mild
Note: GOOD EXAMPLE OF FUNGAL ORGANISMS IN THE NASAL CAVITY			
* Pancreas		Atrophy	Mild
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 132	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100915

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 133

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 100916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Cyst	Minimal
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
[Fibrosis TGLS = 1-21]			
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 133	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100916
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Adenoma	
PRIMARY CAUSE OF DEATH	-		
Animal Note: TGL4;NODULES IN THE GLANDULAR STOMACH,DESCRIBED BY THE TRIMMER, ARE FOLDS IN THE MUCOSA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 134

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 100917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule Degeneration Hypertrophy Pheochromocytoma Benign	Minimal Fatty, Mild Focal, Mild
* Adrenal Medulla		Note: DIAGNOSIS OF PHEOCHROMOCYTOMA BASED ON SLIGHT DEGREE OF COMPRESSION OF ADJACENT PARENCHYMA	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hepatocellular Adenoma Hyperplasia Leukemia Mononuclear	Mild
		Note: DIAGNOSIS OF ADENOMA BASED ON SLIGHT COMPRESSION OF ADJACENT PARENCHYMA [Hepatocellular Adenoma TGLS = 5-6] [Leukemia Mononuclear TGLS = 4-6]	
* Lung		Infiltration Cellular Inflammation Leukemia Mononuclear	Histiocyte, Minimal Chronic, Minimal
Lymph Node	Mediastinal Pancreatic	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	
* Lymph Node, Mesenteric Mesentery		Leukemia Mononuclear Accessory Spleen	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100917
ORGAN AND ACCOUNTABLE SITE STATUS			
	Fat	Necrosis	Mild
[Accessory Spleen TGLS = 3-22]			
[Necrosis TGLS = 1-21]			
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
Note: GOOD EXAMPLE OF FUNGAL ORGANISMS IN THE NASAL CAVITY			
* Pancreas	Acinus	Adenoma	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-22]			
* Testes	Germinal Epith	Atrophy	Marked
[Atrophy TGLS = 7-7]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-3]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: TGL3 ENTERED AS MESENTERY INSTEAD OF SPLEEN			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
Note: FIBROADENOMA ALSO FOUND ON SLIDE 8			
[Fibroadenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 3-1]			
[Angiectasis TGLS = 3-1]			
* Preputial Gland		Adenoma	
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 135	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100918
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	Follicle	Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 136	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 602 HISTO: 98134
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular	* Pituitary Gland	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
Note: TGL6: THERE IS A MARKED PROLIFERATION OF PLASMA CELLS IN THE HYPERPLASTIC MEDIASTINAL NODE			
[Hyperplasia TGLS = 6-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-21]			
* Spleen		Pigmentation	Minimal
* Stomach, Forestomach		Ulcer	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 2-7]			
* Thyroid Gland		Ultimobranchial Cyst	Minimal
Tooth		Odontoma	
Note: TGL4, TISSUE NOS IS ENTERED UNDER THE HEADING OF TOOTH			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 136	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 602 HISTO: 98134
ORGAN AND ACCOUNTABLE SITE STATUS			
[Odontoma TGLS = 4-23,4-23-1]			
PRIMARY CAUSE OF DEATH	- Tooth Odontoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	TRT#: 3	SEX: Male	DAY ON TEST: 594
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 97725
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Mammary Gland	* Pituitary Gland	* Preputial Gland
* Skin	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	Lymph Node	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland		
OBSERVATIONS			
* Heart		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Leukemia Mononuclear	
Lymph Node			
Note: Mediastinal Lymph Node is autolyzed.			
* Prostate		Inflammation	Chronic, Mild
* Spleen			
Note: TGL1 SPLEEN IS TOO AUTOLYTIC TO ACCURATELY EVALUATE BUT HAS GENERAL MORPHOLOGY AND IS SUGGESTIVE OF LEUKEMIA			
* Stom Gland			
Note: TGL3, GLANDULAR STOMACH IS TOO AUTOLYTIC TO EVALUATE			
PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 138

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 100919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
* Brain		Glioma Malignant	Mixed Cell
[Glioma Malignant TGLS = 4-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 3-7]			
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Adenoma	
Note: DIAGNOSIS OF ADENOMA BASED ON SLIGHT DEGREE OF COMPRESSION OF ADJACENT PARATHYROID TISSUE			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 138	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100919
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 100920
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
* Lung		Congestion	Minimal
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Stomach, Forestomach		Erosion	Minimal
[Erosion TGLS = 2-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Hyperplasia	Lymphoid, Mild
Note: SLIGHT ECTASIA ACCOMPANIES HYPERPLASIA IN MEDIASTINAL, MESENTERIC, AND PANCREATIC NODES			
[Hyperplasia TGLS = 6-3]			
[Hyperplasia TGLS = 4-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-5]			
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Preputial Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Skin		Cyst Epithelial Inclusion	Mild
[Cyst Epithelial Inclusion TGLS = 1-8-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 140	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100921
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen	Leukemia Mononuclear		
Note: DIAGNOSIS OF LEUKEMIA BASED ON NUMEROUS MITOTIC FIGURES IN PERIPHERAL ASPECTS OF LYMPHOID FOLLICLES			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Follicle	Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 141	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100922
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
* Lung		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING
* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 7-23]			
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-5]			
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: ANGIECTASIS ACCOMPANIES THE CYSTIC DEGENERATION AND EOSINOPHILIC FOCI IN THE LIVER BUT IS NOT DIAGNOSED			
[Hyperplasia TGLS = 4-6]			
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 142	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100923
ORGAN AND ACCOUNTABLE SITE STATUS			
Lymph Node Note: ECTASIA ACCOMPANIES THE HYPERPLASIA IN THE MEDIASTINAL NODE [Hyperplasia TGLS = 5-3]	Mediastinal	Infiltration Cellular Inflammation Hyperplasia	Histiocyte, Mild Chronic, Minimal Lymphoid, Mild
* Mammary Gland [Fibroadenoma TGLS = 6-22]		Cyst Fibroadenoma	Minimal
* Pituitary Gland * Prostate [Inflammation TGLS = 2-7-1]	Pars Intermed	Hyperplasia Inflammation	Minimal Chronic, Moderate
* Skin [Fibrosarcoma TGLS = 1-21]	Subcut Tiss	Fibrosarcoma	
* Spleen		Hematopoietic Cell Proliferation Leukemia Mononuclear	Minimal
* Testes * Thyroid Gland	Bilateral, Interstit Cell C Cell	Adenoma Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 143	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 729 HISTO: 100924
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-22]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Hyperplasia TGLS = 9-2]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
* Mammary Gland		Cyst	Minimal
* Nose		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 143	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 729 HISTO: 100924
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Chronic, Minimal
* Skin		Keratoacanthoma Squamous Cell Papilloma	
[Keratoacanthoma TGLS = 3-21]			
[Squamous Cell Papilloma TGLS = 8-23]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-24]			
* Stomach, Glandular		Ulcer	Mild
[Ulcer TGLS = 10-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Glandular Ulcer		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 144	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 560 HISTO: 97607
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Moderate
[Hemorrhage TGLS = 9-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
[Hyperplasia TGLS = 5-6]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: DIAGNOSIS OF MULTIFOCAL AREAS OF ALVEOLAR EPITHELIAL HYPERPLASIA COMPLICATED BY HEMORRHAGE AND LEUKEMIA			
[Hemorrhage TGLS = 7-2]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7-1]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 144	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 560 HISTO: 97607
ORGAN AND ACCOUNTABLE SITE STATUS			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Glandular		Edema	Mild
		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Brain Hemorrhage;Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 145	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 560 HISTO: 97608
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain [Compression TGLS = 6-1]		Compression	Moderate
* Heart * Islets, Pancreatic Note: TGL7, IS ENTERED AS ISLETS OF PANCREAS INSTEAD OF PANCREAS [Adenoma TGLS = 7-21]		Cardiomyopathy Adenoma	Minimal
* Kidney [Nephropathy TGLS = 3-5]		Nephropathy	Marked
* Liver * Lymph Node, Mesenteric Note: SMALL NODULE ON SLIDE 5 IS DIAGNOSED AS HYPERPLASIA	Hepatocyte	Vacuolization Cytoplasmic Hyperplasia	Marked Lymphoid, Minimal
* Mammary Gland [Cyst TGLS = 1-8-1]		Cyst	Moderate
* Pituitary Gland [Adenoma TGLS = 5-1] [Angiectasis TGLS = 5-1]	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Cyst	Moderate Minimal
* Prostate		Inflammation	Chronic, Minimal
* Stomach, Forestomach		Erosion	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 560 HISTO: 97608
ORGAN AND ACCOUNTABLE SITE STATUS			
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
* Testes	Germinal Epith	Erosion	Minimal
	Interstitial Cell	Atrophy	Moderate
		Hyperplasia	Minimal
[Atrophy TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Brain Compression		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 146

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 100925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
[Leukemia Mononuclear TGLS = 4-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
Lymph Node	Pancreatic	Leukemia Mononuclear	
Note: Mediastinal Lymph Node is Normal.			
[Leukemia Mononuclear TGLS = 3-7]			
* Pancreas		Atrophy	Minimal
* Preputial Gland		Adenoma	
* Prostate		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 5-21]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 146	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100925
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 147	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100926
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Hyperplasia TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Hyperplasia	Lymphoid, Mild
Lymph Node	Mediastinal		
[Hyperplasia TGLS = 3-3]			
* Lymph Node, Mesenteric		Hemangioma	
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Cyst	Minimal
* Skin		Inflammation	Chronic, Mild

Note: COLONY OF BACTERIA PRESENT IN THE INFLAMMATORY LESION IN THE SKIN
[Inflammation TGLS = 4-21]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 147	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100926
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen Note: LEUKEMIA DIAGNOSES BASED ON INCREASED NUMBERS OF MITOTIC FIGURES IN PERIPHERY OF FOLLICLES			
Leukemia Mononuclear			
* Stomach, Glandular Note: INCREASED NUMBER OF MITOTIC FIGURES FOUND IN THE LESION DIAGNOSED AS HYPERPLASIA [Hyperplasia TGLS = 5-4]			
Hyperplasia			
Focal, Mild			
* Testes [Adenoma TGLS = 1-7]			
Bilateral, Interstit Cell			
Adenoma			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 148

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 100927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Mild
Note: DIAGNOSIS OF PHEOCHROMOCYTOMA BASED ON ENLARGED NUCLEI PRIMARILY			
* Bone Marrow		Hyperplasia Myelofibrosis	Mild Minimal
* Heart		Cardiomyopathy Thrombosis	Minimal Moderate
[Thrombosis TGLS = 7-5-1]			
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular Hepatocyte	Necrosis Vacuolization Cytoplasmic	Minimal Moderate
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 8-3]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,4-24]			
* Nose		Inflammation	Chronic, Minimal
* Preputial Gland		Adenoma Cyst Hyperplasia	Moderate Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 MG/L	DISP: Moribund Sacrifice	HISTO: 100927
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 3-22]			
[Cyst TGLS = 2-22]			
[Hyperplasia TGLS = 2-22]			
* Prostate		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
[Adenoma TGLS = 6-7]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Heart Thrombosis		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 149

TRT#: 3

SEX: Male

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-88518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Bone

* Bone Marrow

* Brain

* Epididymis

* Esophagus

* Eye

* Harderian Gland

* Heart

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Islets, Pancreatic

* Liver

* Lymph Node, Mesenteric

* Mammary Gland

* Nose

* Pancreas

* Parathyroid Gland

* Pituitary Gland

* Preputial Gland

* Prostate

* Salivary Glands

* Seminal Vesicle

* Skin

* Spleen

* Stomach, Forestomach

* Stomach, Glandular

* Testes

* Thymus

* Thyroid Gland

* Trachea

* Urinary Bladder

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

* Intestine Small, Jejunum

OBSERVATIONS

* Kidney

Capsule

Hemorrhage

Mild

Note: TGL2, HEMORRHAGE AROUND THE KIDNEY IS BEST OBSERVED ON SLIDE 5 INSTEAD OF 21

[Hemorrhage TGLS = 2-5]

* Lung

Congestion

Minimal

* Pancreas

Note: SLIGHT HEMORRHAGE ALSO PRESENT IN THE PANCREAS

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: THE CAUSE OF DEATH IN THIS ANIMAL IS LIKELY TRAUMATIC BASED ON THE PRESENCE OF H EMORRHAGES IN MULTIPLE SITES AND CHYLOTHORAX

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100928
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 151	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100744
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: FOCAL AREA OF FIBROSIS WITH CHOLESTEROL CLEFTS PRESENT ADJACENT TO THE MARGIN OF ONE LOBE			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
Note: TGL2; ECTASIA ACCOMPANIES THE HYPERPLASIA IN THE MEDIASTINAL NODE			
[Hyperplasia TGLS = 2-3]			
* Mammary Gland		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
[Adenoma TGLS = 4-1]			
* Prostate		Inflammation	Chronic, Minimal
* Saliv Glands			
Note: LOCALIZED VASCULAR DILATATION PRESENT ON THE SLIDE BUT NOT DIAGNOSED---POSSIBLE HAMARTOMA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 151	TRT#: 4	SEX: Male	DAY ON TEST: 734
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100744
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 3-21]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 152	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100745
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
Note: NECROSIS ACCOMPANIES THE NEOPLASIA IN ONE TESTICLE			
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 3-7]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 152	TRT#: 4	SEX: Male	DAY ON TEST: 734
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100745
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH -			
Animal Note: TGL1; ENTRY UNDER TISSUE OF SKIN INSTEAD OF MAMMARY GLAND			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 153

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 4-3]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-21]			
* Prostate		Inflammation	Chronic, Minimal
* Skin		Squamous Cell Papilloma	
Note: BOTH SKIN LESIONS ARE COMPOSED PREDOMINATELY OF KERATIN			
[Squamous Cell Papilloma TGLS = 6-23,5-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 153

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100746

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 2-7]

Zymbals GI

Note: SLIGHT CONGESTION AND PIGMENTATION ALSO PRESENT IN MEDIASTINAL NODE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 154	TRT#: 4	SEX: Male	DAY ON TEST: 644
	DOSE: 1000 MG/L	DISP: Natural Death	HISTO: 98646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
[Hemorrhage TGLS = 13-1]			
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
[Leukemia Mononuclear TGLS = 5-5]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-2]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-24]			
[Leukemia Mononuclear TGLS = 9-23]			
[Leukemia Mononuclear TGLS = 3-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 154	TRT#: 4	SEX: Male	DAY ON TEST: 644
	DOSE: 1000 MG/L	DISP: Natural Death	HISTO: 98646
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 14-25,7-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 8-22]			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Glandular		Leukemia Mononuclear	
		Ulcer	Mild
[Leukemia Mononuclear TGLS = 15-4-1]			
[Ulcer TGLS = 15-4-1]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-3]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear		
Animal Note: TGL14 IS BELIEVED TO BE MESENTERIC LYMPH NODE AS OPPOSED TO MESENTERIC FAT			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	TRT#: 4	SEX: Male	DAY ON TEST: 651
	DOSE: 1000 MG/L	DISP: Natural Death	HISTO: 98647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	Coagulating Gland	Ear
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING			
* Lymph Node, Mandibular			

AUTO PRECLUDES DIAG.			
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS			
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
	Centrilobular	Necrosis	Moderate
[Necrosis TGLS = 8-24]			
Lymph Node	Mediastinal	Congestion	Mild
[Congestion TGLS = 6-3]			
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 10-26,5-22]			
* Nose		Inflammation	Chronic, Minimal
Peritoneum		Mesothelioma Malignant	
Note: TGL2 IS ENTERED AS PERITONEUM INSTEAD OF SKELETAL MUSCLE			
[Mesothelioma Malignant TGLS = 2-21]			
* Prostate		Mesothelioma Malignant	
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 7-23]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 155	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 651 HISTO: 98647
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen [Necrosis TGLS = 9-25]		Mesothelioma Malignant Necrosis	Mild
* Testes [Adenoma TGLS = 4-7]	Bilateral, Interstit Cell	Adenoma Mesothelioma Malignant	
* Urinary Bladder		Mesothelioma Malignant	
PRIMARY CAUSE OF DEATH	- Mesentery	Mesothelioma Malignant	
Animal Note: TGL10 IS ACTUALLY MESENTERY AS OPPOSED TO SCROTAL CAVITY			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	Coagulating Gland	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
Note: TGL2; SLIGHT CONGESTION, HEMORRHAGE, AND ECTASIA ACCOMPANY THE HYPERPLASIA IN THE MEDIASTINAL NODE [Hyperplasia TGLS = 2-3,3.1]			
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 3-1]			
* Prostate		Inflammation	Chronic, Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 4-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100747
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland Note: THE ADENOMA IS ON SLIDE 3.1	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 157

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
* Lung	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-2]			
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING
* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-21]			
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
Note: TGL2; IT IS BELIEVED THAT THE LEFT TESTICLE IS SMALL INSTEAD OF THE RIGHT ENLARGED			
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 158	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100749
ORGAN AND ACCOUNTABLE SITE STATUS			
[Atrophy TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 159

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 2-3]			
* Mammary Gland		Cyst	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-1]			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 159	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100750

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 160	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100751
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Clear Cell Focus TGLS = 3-6]			
[Degeneration TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 4-3]			
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-8]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland		Ultimobranchial Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 160	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100751
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 161	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 723 HISTO: 100752
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
Note: SLIGHT CYTOPLASMIC VACUOLIZATION PRESENT IN A DIFFUSE PATTERN IN THE CORTEX IS NOT DIAGNOSED			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Cyst	Mild
		Infarct	Mild
		Leukemia Mononuclear	
		Nephropathy	Moderate
[Infarct TGLS = 5-23]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7]			
[Leukemia Mononuclear TGLS = 8-3]			
* Nose		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 161	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 723 HISTO: 100752
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Leukemia Mononuclear	
* Salivary Glands		Inflammation	Chronic, Mild
* Skin		Squamous Cell Papilloma	
Note: TGL 9; CRUST, APPEARS TO BE AN INSIGNIFICANT ACCUMULATION OF KERATIN [Squamous Cell Papilloma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 10-4]			
* Stomach, Glandular		Ulcer	Mild
[Ulcer TGLS = 10-4]			
* Testes	Bilateral, Interstit Cell	Adenoma Leukemia Mononuclear	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	Follicle	Cyst	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 162

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Adenoma	
		Atrophy	Minimal
[Adenoma TGLS = 2-7.1]			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	TRT#: 4	SEX: Male	DAY ON TEST: 729
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING			
* Lymph Node, Mandibular	* Parathyroid Gland		

OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Parathyroid Gl			
Note: PARATHYROID BELIEVED MISSING BECAUSE OF NEOPLASIA IN BOTH SIDES OF THE THYROID GLAND			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 5-21]			
* Prostate		Inflammation	Chronic, Minimal
* Skin		Cyst Epithelial Inclusion	
	Subcut Tiss	Fibrosarcoma	
Note: EPIDERMAL INCLUSIONS CYST IS ON SLIDE 8			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163	TRT#: 4	SEX: Male	DAY ON TEST: 729
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100754

ORGAN AND ACCOUNTABLE SITE STATUS

Note: DIAGNOSIS OF LEUKEMIA BASED PRIMARILY ON THE NUMBER OF MITOTIC FIGURES IN THE PERIPHERAL ASPECTS OF THE LYMPHOID FOLLICLES			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Carcinoma	
[Adenoma TGLS = 4-3]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: THERE WERE 2 NEOPLASTIC PROCESSES ADJACENT TO EACH OTHER ON SLIDE 21---PREPUTIA L GLAND TUMOR AND A FIBROMA			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	TRT#: 4	SEX: Male	DAY ON TEST: 729
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING
* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 7-6]			
[Hepatodiaphragmatic Nodule TGLS = 6-21]			
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 5-5]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-22]			
* Pancreas		Atrophy	Minimal
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 164	TRT#: 4	SEX: Male	DAY ON TEST: 729
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100755

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 4 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 165	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100756
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
Note: SMALL CYST IN EACH CORTEX IS NOT DIAGNOSED			
* Liver	Bile Duct	Clear Cell Focus	
		Hyperplasia	Minimal
[Clear Cell Focus TGLS = 2-6]			
* Lung		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Hemorrhage TGLS = 3-2,3-2-1]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 166

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
Note: TGL4; ECTASIA ACCOMPANIES THE LYMPHOID HYPERPLASIA DIAGNOSED FOR THE PANCREATIC NODE			
[Hyperplasia TGLS = 4-7]			
* Mammary Gland		Fibroadenoma	
Note: TGL6; ENTERED AS MAMMARY GLAND INSTEAD OF SKIN			
[Fibroadenoma TGLS = 6-22]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Skin		Inflammation	Chronic, Mild
Note: TGL 7; LISTED AS EYELID IS ENTERED AS A LESION UNDER SKIN			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 166	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100757
ORGAN AND ACCOUNTABLE SITE STATUS			
[Inflammation TGLS = 7-23]			
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
Note: TGL1; GROSS FINDING OF SMALL TESTICLE, NO TESTICULAR TISSUE WAS FOUND ON SLIDE 21, ONLY EPIDIDYMAL TISSUE			
[Adenoma TGLS = 2-7,3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 167	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 651 HISTO: 98648
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Hepatocellular Adenoma	
		Hyperplasia	Marked
		Leukemia Mononuclear	
[Hepatocellular Adenoma TGLS = 4-21]			
[Hyperplasia TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	TRT#: 4	SEX: Male	DAY ON TEST: 674
	DOSE: 1000 MG/L	DISP: Natural Death	HISTO: 100758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Intestine Small, Jejunum	* Lymph Node, Mandibular		
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum			

OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Brain		Compression	Mild
[Compression TGLS = 5-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 3-7]			
[Hyperplasia TGLS = 4-3]			
* Mammary Gland		Cyst	Mild
[Cyst TGLS = 1-8-1]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 168	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 674 HISTO: 100758
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 6-1]			
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Adenoma	
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

Species/Strain: Rat/F 344/N

CAS Number: 631-64-1

Lab: SRI

HISTO: 98192

- * Eye
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Salivary Glands
- * Trachea

* Lymph Node, Mandibular

Lymphoid, Mild

Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169	TRT#: 4	SEX: Male	DAY ON TEST: 610
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 98192
ORGAN AND ACCOUNTABLE SITE STATUS			
[Mesothelioma Malignant TGLS = 4-21]			
* Pancreas		Atrophy Mesothelioma Malignant	Mild
[Atrophy TGLS = 5-7]			
Peritoneum		Mesothelioma Malignant	
Note: TGL2 IS ENTERED AS PERITONEUM INSTEAD OF SKELETAL MUSCLE			
[Mesothelioma Malignant TGLS = 10-22]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Prostate		Mesothelioma Malignant	
* Seminal Vesicle		Mesothelioma Malignant	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Stomach, Forestomach		Erosion	Minimal
	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma Mesothelioma Malignant	
[Adenoma TGLS = 3-7]			
* Thyroid Gland		Ultimobranchial Cyst	Minimal
* Urinary Bladder		Mesothelioma Malignant	
PRIMARY CAUSE OF DEATH	- Mesentery Mesothelioma Malignant		
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
Animal Note: THE PRIMARY CAUSE OF DEATH IN THIS ANIMAL COULD BE MALIGNANT MESOTHELIOMA OR MON ONUCLEAR CELL LEUKEMIA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 170

TRT#: 4

SEX: Male

DAY ON TEST: 386

DOSE: 1000 MG/L

DISP: Accidentally Killed

HISTO: 94532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Focal, Mild
[Hyperplasia TGLS = 6-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Note: MULTIFOCAL AREAS OF NECROSIS AND INFLAMMATION COMPLICATE THE DIAGNOSIS OF ALVEOLAR EPITHELIAL HYPERPLASIA			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 170	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Accidentally Killed	DAY ON TEST: 386 HISTO: 94532
ORGAN AND ACCOUNTABLE SITE STATUS			
* Prostate		Inflammation	Chronic, Minimal
Skeletal Muscle		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-22]			
* Spleen		Hemorrhage	Marked
[Hemorrhage TGLS = 2-21]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus		Hemorrhage	Mild
[Hemorrhage TGLS = 7-3]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 171	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100759
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Clear Cell Focus	
		Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-3]			
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 4-1]			
[Angiectasis TGLS = 4-1]			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-21]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 171	TRT#: 4	SEX: Male	DAY ON TEST: 730
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100759
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
Note: THE C-CELL ADENOMA IS FOUND ON SLIDE 3.1 AND IS NOT PRESENT ON SLIDE 3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 172

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
[Clear Cell Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Bone	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING	
* Lymph Node, Mandibular	

OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Epididymis		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-6]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Cyst	Minimal
		Leukemia Mononuclear	
	[Cyst TGLS = 7-22]		
	[Leukemia Mononuclear TGLS = 7-22]		
Mesentery		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-21]		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100761
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Edema	Mild
		Leukemia Mononuclear	
		Ulcer	Moderate
[Ulcer TGLS = 8-4]			
* Stomach, Glandular		Edema	Mild
		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
		Ultimobranchial Cyst	Minimal

Note: A SMALL C-CELL ADENOMA IS PRESENT ON SLIDE 3.1 BUT NOT PRESENT ON SLIDE 3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 175	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 521 HISTO: 96079
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
MISSING			
* Lymph Node, Mandibular	* Parathyroid Gland		
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Spleen			
OBSERVATIONS			
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Mild
* Liver	Centrilobular	Necrosis	Moderate
Note: TGL4; DIFFUSE CENTRIOBULAR NECROSIS OF THE LIVER COULD BE SECONDARY TO ANEMIA			
[Necrosis TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 3-21]			
* Nose		Inflammation	Chronic, Minimal
* Prostate		Mesothelioma Malignant	
* Seminal Vesicle		Mesothelioma Malignant	
Skeletal Muscle		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Urinary Bladder		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 175	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 521 HISTO: 96079
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	- Mesentery Mesothelioma Malignant		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 176

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Epididymis	* Lymph Node, Mandibular
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OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 2-23]			
Mesentery		Mesothelioma Malignant	
Note: THE SAMPLE OF MESENTERY THAT APPEARED NORMAL AT THE TIME OF NECROPSY HAS MESOTHELIOMA MICROSCOPICALLY---SLIDE 22			
[Mesothelioma Malignant TGLS = 1-21,1-21-1]			
* Nose		Foreign Body	Minimal
* Pancreas		Atrophy	Minimal
		Mesothelioma Malignant	
* Spleen		Leukemia Mononuclear	
		Mesothelioma Malignant	
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 176	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100701
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	Follicle	Mesothelioma Malignant	
* Urinary Bladder		Cyst	Minimal
		Mesothelioma Malignant	
PRIMARY CAUSE OF DEATH	-		
Animal Note: SAMPLES OF MESOTHELIOMA SENT FOR ONCOGENE ANALYSIS--SLIDES 21 AND 21-1			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	TRT#: 4	SEX: Male	DAY ON TEST: 570
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 97604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING
* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Mesothelioma Malignant	
* Bone Marrow		Hyperplasia	Minimal
* Epididymis		Mesothelioma Malignant	
* Kidney		Mesothelioma Malignant	
		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Minimal
	Centrilobular	Necrosis	Minimal
	[Necrosis TGLS = 9-6]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric		Mesothelioma Malignant	
Mesentery		Mesothelioma Malignant	
	[Mesothelioma Malignant TGLS = 4-21,5-7]		
* Pancreas		Atrophy	Mild
		Mesothelioma Malignant	
Peritoneum		Mesothelioma Malignant	
	Note: TGL 8 IS ENTERED AS PERITONEUM INSTEAD OF SKELETAL MUSCLE		
	[Mesothelioma Malignant TGLS = 8-22]		
* Prostate		Mesothelioma Malignant	
* Seminal Vesicle		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 177	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 570 HISTO: 97604
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Mesothelioma Malignant	
* Testes	Bilateral, Interstit Cell	Adenoma Mesothelioma Malignant	
[Adenoma TGLS = 3-7]			
* Urinary Bladder		Mesothelioma Malignant	
PRIMARY CAUSE OF DEATH	- Mesentery	Mesothelioma Malignant	
Animal Note: TGL5 IS BELIEVED TO BE MESENTERY INSTEAD OF PANCREATIC LYMPH NODE			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 178

TRT#: 4

SEX: Male

DAY ON TEST: 571

DOSE: 1000 MG/L

DISP: Moribund Sacrifice

HISTO: 97605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Degeneration	Cystic, Minimal
	Hepatocyte	Eosinophilic Focus	
		Vacuolization Cytoplasmic	Moderate
[Eosinophilic Focus TGLS = 4-6]			
[Vacuolization Cytoplasmic TGLS = 4-6]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-3]			
* Lymph Node, Mesenteric		Congestion	Minimal
		Hyperplasia	Lymphoid, Minimal
[Congestion TGLS = 5-5]			
[Hyperplasia TGLS = 5-5]			
* Nose		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 178	TRT#: 4	SEX: Male	DAY ON TEST: 571
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 97605
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Sarcoma		
Animal Note: TGL6, MEDIASTINAL LYMPH NODE IS ON SLIDE 3 INSTEAD OF SLIDE 7			
Animal Note: TGL1, MAMMARY GLAND IS ENTERED AS SKIN			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100764
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	Mild
	Bile Duct	Hyperplasia	Minimal
	[Clear Cell Focus TGLS = 2-6]		
	[Hepatodiaphragmatic Nodule TGLS = 3-21]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
	Note: SMALL FOCAL AREA OF FIBROSIS ALSO HAS CHOLESTEROL CLEFTS		
* Pancreas		Atrophy	Mild
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-7]		
* Thymus		Cyst	Mild
	[Cyst TGLS = 4-3]		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 180

TRT#: 4

SEX: Male

DAY ON TEST: 618

DOSE: 1000 MG/L

DISP: Moribund Sacrifice

HISTO: 98193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone [Osteopetrosis TGLS = 8-24]	Cranium	Osteopetrosis	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
Lacrimal Gland [Inflammation TGLS = 7-21]		Inflammation	Suppurative, Marked
* Liver	Bile Duct	Hyperplasia	Mild
* Lung [Inflammation TGLS = 5-22]		Inflammation	Suppurative, Mild
Lymph Node [Hyperplasia TGLS = 4-3]	Mediastinal	Inflammation	Chronic, Minimal
* Pancreas		Hyperplasia	Lymphoid, Moderate
* Preputial Gland [Adenoma TGLS = 1-23]		Atrophy	Mild
* Prostate		Adenoma	
* Testes [Adenoma TGLS = 2-7]	Bilateral, Interstit Cell Germinal Epith	Inflammation	Chronic, Minimal
		Adenoma	
		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 180	TRT#: 4	SEX: Male	DAY ON TEST: 618
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 98193
ORGAN AND ACCOUNTABLE SITE STATUS			
[Atrophy TGLS = 3-7]			
PRIMARY CAUSE OF DEATH - Lacrimal Gland Inflammation			
Animal Note: TGL5 AND 7, LUNG AND LACRIMAL GLAND BOTH HAVE COLONIES OF BACTERIA WITHIN THE LESIONS			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 181	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 100765
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
Zymbal's Gland		Adenoma	
[Adenoma TGLS = 2-21]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 182

TRT#: 4

SEX: Male

DAY ON TEST: 423

DOSE: 1000 MG/L

DISP: Moribund Sacrifice

HISTO: 96080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Eye
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Brain
* Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Pituitary Gland
* Skin
* Thymus

Blood Vessel
* Epididymis
* Heart
* Intestine Small, Duodenum
* Liver
* Nose
* Preputial Gland
* Spleen
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Trachea

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney
* Prostate
* Testes

Interstit Cell
Interstit Cell

Nephropathy
Inflammation
Adenoma
Hyperplasia

Mild
Chronic, Minimal

Minimal

[Adenoma TGLS = 1-7]

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 183	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 356 HISTO: 94533
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-21]			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Minimal
Spinal Cord			
Note: SPINAL CORD IS EVIDENT ON SLIDE 21			
Note: SLIGHT COMPRESSION EVIDENT IN SPINAL CORD SECTION FROM THE TUMOR			
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Bone Hemangiosarcoma

Animal Note: TGL1, TISSUE NOS, WILL BE ENTERED AS BONE VERTEBRA

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	TRT#: 4	SEX: Male	DAY ON TEST: 512
	DOSE: 1000 MG/L	DISP: Natural Death	HISTO: 96081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING	
* Lymph Node, Mandibular	

AUTO PRECLUDES DIAG.	
* Intestine Small, Ileum	* Intestine Small, Jejunum

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Brain		Hemorrhage	Mild
[Hemorrhage TGLS = 7-1]			
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 3-7]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
		Congestion	Mild
* Lung			
[Congestion TGLS = 4-2]			
Lymph Node	Mediastinal	Congestion	Mild
[Congestion TGLS = 5-3]			
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	TRT#: 4	SEX: Male	DAY ON TEST: 512
	DOSE: 1000 MG/L	DISP: Natural Death	HISTO: 96081
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 6-1]	Pars Distalis	Hemorrhage	Mild
* Prostate		Inflammation	Chronic, Mild
[Inflammation TGLS = 2-7-1]			
* Testes	Germinal Epith	Atrophy	Mild
		Mesothelioma Malignant	
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Mesentery Mesothelioma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	TRT#: 4	SEX: Male	DAY ON TEST: 730
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100766
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Moderate
* Prostate		Inflammation	Chronic, Minimal
* Spleen			
Note: TGL2; DESCRIBED GROSSLY AS A NODULE ON THE SPLEEN CONSIST OF AN ABNORMAL LOBULATION CONTAINING RED PULP AND DOES NOT APPEAR NEOPLASTIC. NOT DIAGNOSED			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO: 100767
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-6]		
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
	[Alveolar/Bronchiolar Adenoma TGLS = 7-2]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-3]		
	[Leukemia Mononuclear TGLS = 3-7]		
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 186	TRT#: 4	SEX: Male	DAY ON TEST: 701
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 100767
ORGAN AND ACCOUNTABLE SITE STATUS			
[Hyperplasia TGLS = 8-1]			
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 187	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 624 HISTO: 98194
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hypertrophy Lymphoma Malignant Lymphocytic	Fatty, Minimal Focal, Minimal
* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Minimal
[Pheochromocytoma Benign TGLS = 6-21]			
* Bone Marrow		Depletion Cellular	Mild
* Epididymis		Inflammation	Chronic, Minimal
* Heart		Thrombosis	Minimal
[Thrombosis TGLS = 11-5]			
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
[Hyperplasia TGLS = 8-6]			
[Lymphoma Malignant Lymphocytic TGLS = 8-6]			
[Necrosis TGLS = 8-6]			
* Lung		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 4-2]			
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 187	TRT#: 4	SEX: Male	DAY ON TEST: 624
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 98194
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pancreatic	Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 9-3]		
	[Lymphoma Malignant Lymphocytic TGLS = 5-7]		
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 7-5]		
* Nose		Inflammation	Chronic, Minimal
* Pancreas		Lymphoma Malignant Lymphocytic	
* Prostate		Inflammation	Chronic, Minimal
* Stomach, Forestomach		Edema	Mild
		Ulcer	Moderate
	[Ulcer TGLS = 13-4,13-22]		
* Stomach, Glandular		Erosion	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
	[Adenoma TGLS = 3-7]		
	[Atrophy TGLS = 2-7]		
* Thymus		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 10-3]		
PRIMARY CAUSE OF DEATH	- Lung Lymphoma Malignant Lymphocytic		
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Pheochromocytoma Benign		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 188

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hypertrophy	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Complex	
[Pheochromocytoma Complex TGLS = 3-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-22]			
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 189	TRT#: 4	SEX: Male	DAY ON TEST: 633
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 98259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
[Hyperplasia TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: FOCAL AREA OF FIBROSIS WITH CHOLESTEROL CLEFTS ADJACENT TO THE MARGING OF ONE LOBE			
* Mammary Gland		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
* Prostate		Inflammation	Chronic, Minimal
* Skin	Sebaceous GI	Adenoma	Multiple
[Adenoma TGLS = 1-21,2-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 189	TRT#: 4	SEX: Male	DAY ON TEST: 633
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 98259
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	- Skin Sebaceous Gl Adenoma		
Animal Note: TGL 6 = NCL (No Corresponding Lesion)			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 190

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 4-2]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 2-21]			
* Nose		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 3-1]			
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 190	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100769
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 191	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 514 HISTO: 96082
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Pancreas			

OBSERVATIONS

* Adrenal Cortex		Mesothelioma Malignant	
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Lipoma	
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
* Lung		Inflammation	Chronic, Minimal
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 3-21]			
* Prostate		Mesothelioma Malignant	
* Seminal Vesicle		Mesothelioma Malignant	
Skeletal Muscle		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-23]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Hemorrhage	Minimal
[Hemorrhage TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 191	TRT#: 4	SEX: Male	DAY ON TEST: 514
	DOSE: 1000 MG/L	DISP: Natural Death	HISTO: 96082

ORGAN AND ACCOUNTABLE SITE STATUS	
PRIMARY CAUSE OF DEATH	- Mesentery Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 192

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	* Seminal Vesicle
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Moderate
[Compression TGLS = 11-1]			
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Polyp, Inflammatory	Minimal
[Polyp, Inflammatory TGLS = 6-21]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Moderate
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 9-22]		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 7-3]			
* Mammary Gland		Adenoma	
		Cyst	Minimal
Note: SMALL MASS OF PROLIFERATING EPITHELIAL CELLS LOCATED ON SLIDE 8----MAMMARY GLAND			
[Cyst TGLS = 1-8]			
* Nose		Foreign Body	Mild
		Inflammation	Chronic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	TRT#: 4	SEX: Male	DAY ON TEST: 734
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100770
ORGAN AND ACCOUNTABLE SITE STATUS			
	[Adenoma TGLS = 10-1]		
	[Angiectasis TGLS = 10-1]		
* Preputial Gland		Inflammation	Chronic, Moderate
	[Inflammation TGLS = 2-8]		
* Prostate		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
	[Adenoma TGLS = 3-7]		
	[Atrophy TGLS = 4-7]		
* Thymus		Cyst	Mild
	[Cyst TGLS = 8-3]		
PRIMARY CAUSE OF DEATH		-	
Animal Note: CLINICAL SIGN OF HEAD TILT BELIEVED TO BE SECONDARY TO MASSIVE PITUITARY TUMOR			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING	
* Lymph Node, Mandibular	

OBSERVATIONS			
* Adrenal Cortex		Adenoma	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	Minimal
	Bile Duct	Hyperplasia	Minimal
[Degeneration TGLS = 4-6]			
[Eosinophilic Focus TGLS = 3-21]			
[Hepatodiaphragmatic Nodule TGLS = 5-22]			
* Lung		Congestion	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Congestion TGLS = 6-2]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 193	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100771
ORGAN AND ACCOUNTABLE SITE STATUS			
* Stom Gland			
Note: TGL7; PALE FOCUS IN THE GLANDULAR STOMACH MAY HAVE BEEN A FOLD			
* Testes	Bilateral, Interstit Cell Germinal Epith	Adenoma Atrophy	Moderate
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 194	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 100846
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 1-6]			
[Eosinophilic Focus TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Moderate
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 194	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100846
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 195

TRT#: 4

SEX: Male

DAY ON TEST: 651

DOSE: 1000 MG/L

DISP: Moribund Sacrifice

HISTO: 98649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Necrosis	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Malignant	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
	[Hyperplasia TGLS = 6-6]		
	[Leukemia Mononuclear TGLS = 6-6]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 10-2]		
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 195	TRT#: 4	SEX: Male	DAY ON TEST: 651
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 98649
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 7-22]			
[Leukemia Mononuclear TGLS = 9-3]			
[Leukemia Mononuclear TGLS = 11-23]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-5]			
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 3-21]			
* Nose		Foreign Body	
		Inflammation	Chronic, Minimal
* Pituitary Gland		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear;Mesentery	Mesothelioma Malignant	
Animal Note: TGL7 IS PANCREATIC NODE INSTEAD OF RENAL NODE			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Minimal
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 1-21]			
* Pancreas		Atrophy	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH	-
Animal Note: SAMPLES OF MALIGNANT MESOTHELIOMA AND NORMAL APPEARING MESENTERY SENT FOR ONCOGE NE ANALYSIS CORRESPONDING TO SLIDES 21 AND 22	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	TRT#: 4	SEX: Male	DAY ON TEST: 561
	DOSE: 1000 MG/L	DISP: Natural Death	HISTO: 97606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Skin	* Thymus	* Thyroid Gland	* Trachea

MISSING
* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.
* Intestine Small, Jejunum

OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Mesothelioma Malignant	
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Mesothelioma Malignant	
		Nephropathy	Minimal
* Liver	Centrilobular	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Necrosis TGLS = 6-6]		
	[Vacuolization Cytoplasmic TGLS = 6-6]		
* Lung		Inflammation	Chronic, Minimal
Mesentery		Mesothelioma Malignant	
	[Mesothelioma Malignant TGLS = 3-22]		
* Pancreas		Mesothelioma Malignant	
Peritoneum		Mesothelioma Malignant	
	Note: TGL2 IS ENTERED AS PERITONEUM INSTEAD OF SKELETAL MUSCLE		
	[Mesothelioma Malignant TGLS = 2-21]		
* Prostate		Mesothelioma Malignant	
* Seminal Vesicle		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	TRT#: 4	SEX: Male	DAY ON TEST: 561
	DOSE: 1000 MG/L	DISP: Natural Death	HISTO: 97606
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Mesothelioma Malignant	
* Stomach, Forestomach		Mesothelioma Malignant	
* Stomach, Glandular		Mesothelioma Malignant	
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
		Mesothelioma Malignant	
[Atrophy TGLS = 5-7]			
* Urinary Bladder		Mesothelioma Malignant	
PRIMARY CAUSE OF DEATH	- Mesentery	Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100773
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: SMALL FOCAL AREA OF ALVEOLAR EPITHELIAL HYPERPLASIA INVOLVING 8-10 ALVEOLI ADJACENT TO THE MARGIN OF ONE LOBE			
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
Note: SMALL INFLAMMATORY REACTION IN A SMALL CYST			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 198	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100773

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	TRT#: 4	SEX: Male	DAY ON TEST: 631
	DOSE: 1000 MG/L	DISP: Natural Death	HISTO: 98236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Bone	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING
* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.
* Intestine Small, Ileum

OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Marked
		Leukemia Mononuclear	
[Hemorrhage TGLS = 12-1]			
* Eye		Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-44]			
* Harderian Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 13-12]			
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 7-21]			
[Leukemia Mononuclear TGLS = 6-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 199	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 631 HISTO: 98236
ORGAN AND ACCOUNTABLE SITE STATUS			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 11-3]		
	[Leukemia Mononuclear TGLS = 9-22]		
	[Leukemia Mononuclear TGLS = 3-7]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 8-5]		
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic, Moderate
* Spleen		Leukemia Mononuclear	
		Necrosis	Mild
	[Leukemia Mononuclear TGLS = 4-6,4-23]		
	[Necrosis TGLS = 5-6,5-23]		
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
	[Adenoma TGLS = 2-7]		
	[Hyperplasia TGLS = 2-7]		
* Thymus		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 10-3]		
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Brain Hemorrhage		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 200	TRT#: 4 DOSE: 1000 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 679 HISTO: 100774
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	TRT#: 5	SEX: Female	DAY ON TEST: 640
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 98261
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Kidney
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Pancreas	* Spleen	* Stomach, Glandular
OBSERVATIONS			
* Adrenal Cortex		Necrosis	Moderate
* Heart		Cardiomyopathy	Minimal
		Mineralization	Minimal
* Liver	Hepatocyte	Basophilic Focus	
		Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 5-4]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis	Adenoma	
Animal Note: TGL 2 = NCL (No Corresponding Lesion)			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	TRT#: 5	SEX: Female	DAY ON TEST: 161
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 00-90236
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Infiltration Cellular TGLS = 4-2]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-21,3-5]			
PRIMARY CAUSE OF DEATH	- UNCERTAIN		
Animal Note: TGL1 IS ENTERED AS MESENTERIC LYMPH NODE INSTEAD OF MESENTERY, FAT			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 203	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 100775
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Moderate
		Necrosis	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain		Compression	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Mild
[Basophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-3]			
* Mammary Gland		Carcinoma	
		Cyst	Minimal
		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 203	TRT#: 5	SEX: Female	DAY ON TEST: 736
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100775
ORGAN AND ACCOUNTABLE SITE STATUS			
Note: TGL2 IS MAMMARY GLAND INSTEAD OF CLITORAL GLAND			
[Carcinoma TGLS = 2-21]			
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 6-1]			
[Angiectasis TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 204	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 632 HISTO: 98262
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone	Cranium	Meningioma Malignant	Metastatic (Brain)
Note: TGL6, TISSUE NOS, WILL BE ENTERED UNDER BONE AS THE TISSUE IS CRANIUM AND BELIEVED TO BE AN EXTENSION OF THE TUMOR [Meningioma Malignant TGLS = 6-24]			
* Bone Marrow		Depletion Cellular	Minimal
* Brain		Meningioma Malignant	
[Meningioma Malignant TGLS = 7-1,8-22]			
* Heart		Cardiomyopathy	Minimal
* Liver		Inflammation	Granulomatous, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Inflammation TGLS = 10-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Congestion	Mild
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2,3-23] [Congestion TGLS = 4-2]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Note: ONE OF THE FEW ANIMALS IN WHICH THE MANDIBULAR NODE IS PRESENT			
* Mammary Gland		Cyst	Mild
[Cyst TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 204	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 632 HISTO: 98262
ORGAN AND ACCOUNTABLE SITE STATUS			
* Nose		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 5-1]			
* Spleen		Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Brain Meningioma Malignant		
CONTRIBUTORY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma;Pituitary Gland Pars Intermed Adenoma		
Animal Note: SPINAL CORD AND PERIPHERAL NERVE WERE EVALUATED BECAUSE OF CNS SIGNS			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 205	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 100776
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Hyperplasia	Mild
[Cyst TGLS = 2-8]			
[Hyperplasia TGLS = 1-21]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Cyst	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 206

TRT#: 5

SEX: Female

DAY ON TEST: 701

DOSE: 0 MG/L

DISP: Moribund Sacrifice

HISTO: 100777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Clitoral Gland	Ear	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
Note: SMALL SCARS PRESENT ON THE CAPSULAR SURFACE ARE NOT DIAGNOSED [Nephropathy TGLS = 6-5]			
* Liver	Centrilobular	Necrosis	Minimal
	Centrilobular, Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: FISSURES AND ABNORMAL LOBULATIONS ARE NOT ROUTINELY DOCUMENTED [Necrosis TGLS = 7-6] [Vacuolization Cytoplasmic TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
Note: SLIGHT CONGESTION ACCOMPANIES THE HYPERPLASIA IN THE MEDIASTINAL LYMPH NODE [Hyperplasia TGLS = 8-3]			
* Mammary Gland		Fibroadenoma	Multiple
Note: TGL1,2,3,AND 4; ARE ALL MAMMARY GLAND AND NOT SKIN [Fibroadenoma TGLS = 1-21,2-22,3-23,4-24]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 206	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO: 100777
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Polyp Stromal	
Note: TGL10;MASS IN THE VAGINA IS BELIEVED TO BE THE SAME AS TGL9, MASS IN THE UTERUS [Polyp Stromal TGLS = 9-7]			
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 207

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 100778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Degeneration	Fatty, Minimal
	Hypertrophy	Focal, Minimal
* Eye	Cataract	Mild
	Inflammation	Chronic, Mild
[Cataract TGLS = 5-44]		
[Inflammation TGLS = 5-44]		
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Leukemia Mononuclear	
Note: VASCULAR DILATATION ASSOCIATED WITH ONE FOCUS WAS NOT DIAGNOSED		
[Leukemia Mononuclear TGLS = 4-6]		
* Lung	Infiltration Cellular	Histiocyte, Minimal
	Inflammation	Chronic, Minimal
	Leukemia Mononuclear	
* Mammary Gland	Cyst	Minimal
	Fibroadenoma	
[Fibroadenoma TGLS = 1-21]		
* Ovary	Cyst	Mild
[Cyst TGLS = 2-7]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 207	TRT#: 5	SEX: Female	DAY ON TEST: 737
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100778
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-22]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 208

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 100779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-22]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 8-6]		Hematopoietic Cell Proliferation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: TGL9 COULD HAVE BEEN A LOCALIZED EMPHASEMATOUS POCKET AND SLIGHT FIBROSIS			
[Infiltration Cellular TGLS = 9-2]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 3-8]			
[Fibroadenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 208	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100779
ORGAN AND ACCOUNTABLE SITE STATUS			
[Hematopoietic Cell Proliferation TGLS = 7-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 209

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 100780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Adenoma	
		Cyst	Minimal
[Adenoma TGLS = 4-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
[Clear Cell Focus TGLS = 5-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
		Hyperplasia	Atypical, Minimal
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Skin		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 209	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100780
ORGAN AND ACCOUNTABLE SITE STATUS			
[Inflammation TGLS = 1-21]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	TRT#: 5	SEX: Female	DAY ON TEST: 737
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Note: TGL4; ABNORMAL LOBULATION OF THE LIVER PRESENT ON SLIDE 22			
[Basophilic Focus TGLS = 5-6]			
[Eosinophilic Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 210	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100781
ORGAN AND ACCOUNTABLE SITE STATUS			
* Uterus [Hyperplasia TGLS = 3-7]	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 211	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100782
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 4-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 212	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100783
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Serosa	Fibrosis	Minimal
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,2-22]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 212	TRT#: 5	SEX: Female	DAY ON TEST: 734
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100783
ORGAN AND ACCOUNTABLE SITE STATUS			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 213

TRT#: 5

SEX: Female

DAY ON TEST: 734

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 100784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
		Compression	Minimal
* Brain			
[Compression TGLS = 6-1]			
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Granulomatous, Minimal
[Basophilic Focus TGLS = 4-6]			
[Clear Cell Focus TGLS = 4-6]			
[Eosinophilic Focus TGLS = 4-6]			
[Hepatocellular Adenoma TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Hyperplasia	Lymphoid, Mild
Lymph Node	Mediastinal		
Note: ECTASIA ACCOMPANIES THE HYPERPLASIA IN THE MEDIASTINAL NODE			
[Hyperplasia TGLS = 5-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	TRT#: 5	SEX: Female	DAY ON TEST: 734
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100784
ORGAN AND ACCOUNTABLE SITE STATUS			
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			
* Spleen		Pigmentation	Minimal
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	TRT#: 5	SEX: Female	DAY ON TEST: 734
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100785
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
Note: LOCALIZED HEMORRHAGE BELIEVED TO BE A TERMINAL EVENT AND NOT DIAGNOSED			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 3-21,4-22]			
* Ovary		Cyst	Mild
[Cyst TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 214	TRT#: 5	SEX: Female	DAY ON TEST: 734
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100785

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 215	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 605 HISTO: 98136
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	
OBSERVATIONS			
* Clitoral Gland [Cyst TGLS = 1-8]		Cyst	Moderate
* Liver [Leukemia Mononuclear TGLS = 3-6]		Leukemia Mononuclear	
* Lung Lymph Node [Leukemia Mononuclear TGLS = 4-3]	Mediastinal	Leukemia Mononuclear Leukemia Mononuclear	
* Mammary Gland Mesentery Note: MESENTERIC MASS TGL2 ALSO INCLUDES PANCREATIC TISSUE [Leukemia Mononuclear TGLS = 2-21]		Cyst Leukemia Mononuclear	Minimal
* Spleen		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Mesentery Leukemia Mononuclear		
Animal Note: TGL5, DESCRIBED BY THE TRIMMER, COULD HAVE BEEN A LOCALIZED AREA OF AUTOLYSIS OF THE STOMACH			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 216	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100786
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Clitoral Gland		Cyst	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
		Hyperplasia	Atypical, Minimal
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2,3,4-21+22+23]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 5-24]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 217	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100787
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Clitoral Gland		Cyst	Minimal
[Cyst TGLS = 2-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
		Leukemia Mononuclear	
Note: TGL4; LACERATION OF THE LIVER; IS BELIEVED TO BE A TERMINAL EVENT AND NOT DIAGNOSED			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 5-1]			
[Angiectasis TGLS = 5-1]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 217	TRT#: 5	SEX: Female	DAY ON TEST: 735
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100787

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 218	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 641 HISTO: 98263
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	Ear	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	
OBSERVATIONS			
* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Moderate
Note: TGL2, WHICH IS ON SLIDE 22, IS BELIEVED TO BE AN INFLAMMATORY AND NECROTIC PROCESS EXTENDING FROM THE CLITORAL GLAND MASS			
Note: TGL1, CLITORAL GLAND MASS IS INFLAMMED AND NECROTIC, POSSIBLY CONTRIBUTING TO A SEPTICEMIC CONDITION AND THROMBOSIS			
[Adenoma TGLS = 1-21]			
[Inflammation TGLS = 2-22]			
* Heart		Thrombosis	Marked
[Thrombosis TGLS = 5-23]			
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
[Hyperplasia TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Mild
[Cyst TGLS = 4-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Stomach, Forestomach		Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 218

TRT#: 5

SEX: Female

DAY ON TEST: 641

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 98263

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Heart Thrombosis

CONTRIBUTORY CAUSE OF DEATH

- Clitoral Gland Adenoma

Animal Note: A LEUKEMOID TYPE REACTION IS PRESENT IN SEVERAL TISSUES SUGGESTIVE OF A TERMINAL SEPTICEMIA

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	TRT#: 5	SEX: Female	DAY ON TEST: 735
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Clitoral Gland		Cyst	Minimal
		Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 5-6]			
[Mixed Cell Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Pancreatic	Pigmentation	Minimal
Note: THE PIGMENT IN THE PANCREATIC NODE APPEARS BLACK			
[Pigmentation TGLS = 4-7]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Pancreas	Acinus	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 219	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100788
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 6-1] [Angiectasis TGLS = 6-1] * Thyroid Gland * Uterus [Hyperplasia TGLS = 3-7]	Pars Distalis C Cell Endometrium	Cyst Adenoma Hyperplasia	Minimal Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 220	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100789
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
[Angiectasis TGLS = 4-1]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 221	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100790
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule Degeneration Hypertrophy Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Cardiomyopathy Leukemia Mononuclear Basophilic Focus	Minimal Fatty, Minimal Focal, Minimal
* Adrenal Medulla			
* Bone Marrow			
* Heart			Minimal
* Kidney			
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Moderate
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Infiltration Cellular Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	Histiocyte, Minimal
Lymph Node	Mediastinal Pancreatic		
[Leukemia Mononuclear TGLS = 9-3]			
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-5]			
* Mammary Gland		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 221	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100790
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst TGLS = 1-8] [Fibroadenoma TGLS = 2-21,3-22] Mesentery [Leukemia Mononuclear TGLS = 6-23] * Ovary * Pancreas * Pituitary Gland		Fibroadenoma Leukemia Mononuclear Leukemia Mononuclear Atrophy Angiectasis Cyst Leukemia Mononuclear	Multiple Mild Minimal Minimal
Pars Distalis Pars Distalis [Angiectasis TGLS = 10-1] [Cyst TGLS = 10-1] * Spleen [Leukemia Mononuclear TGLS = 5-23] * Stomach, Forestomach [Squamous Cell Papilloma TGLS = 11-4] * Thymus		Leukemia Mononuclear Squamous Cell Papilloma Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 222

TRT#: 5

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 100791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Eye		Cataract	Mild
[Cataract TGLS = 5-44]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Note: GRANULOMATOUS INFLAMMATORY LESIONS ARE QUITE NUMEROUS IN THE LIVER			
* Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Mild
		Fibroadenoma	Multiple
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21,4-23]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Pancreas		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 222	TRT#: 5	SEX: Female	DAY ON TEST: 735
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100791
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen	Pars Distalis	Hyperplasia	Focal, Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Minimal
Note: THERE IS A PROLIFERATION OF HISTIOCYTES AS WELL AS LYMPHOCYTES IN THE LYMPHOID FOLLICLES			
[Hyperplasia TGLS = 6-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	TRT#: 5	SEX: Female	DAY ON TEST: 735
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100792
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 2-7]			
* Pancreas		Atrophy	Marked
[Atrophy TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	TRT#: 5	SEX: Female	DAY ON TEST: 602
	DOSE: 0 MG/L	DISP: Moribund Sacrifice	HISTO: 98137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING
* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: SMALL LOCALIZED AREA OF SLIGHT HYPERPLASIA IS BELIEVED TO BE REACTIVE SECONDARY TO INFLAMMATION			
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 6-1]			
[Angiectasis TGLS = 6-1]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-7]			

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 224	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 602 HISTO: 98137
ORGAN AND ACCOUNTABLE SITE STATUS			
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		
Animal Note: TGL 5 = NCL (No Corresponding Lesion)			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100793
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hypertrophy Cardiomyopathy Basophilic Focus Eosinophilic Focus	Fatty, Minimal Focal, Minimal Minimal
* Heart			
* Liver			
[Basophilic Focus TGLS = 8-6]			
[Eosinophilic Focus TGLS = 7-6]			
* Lung		Infiltration Cellular Inflammation Cyst Fibroadenoma	Histiocyte, Minimal Chronic, Minimal Minimal Multiple
* Mammary Gland			
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-8,3-21,4-22]			
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Cyst	Mild Minimal
[Adenoma TGLS = 9-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hemorrhage	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 225	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100793
ORGAN AND ACCOUNTABLE SITE STATUS			
[Hemorrhage TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 226	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 100794
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 2-22,4-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 227	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 519 HISTO: 96093
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Mammary Gland		Cyst	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Nose		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 3-1]			
[Angiectasis TGLS = 3-1]			
[Cyst TGLS = 3-1]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Edema	Mild
		Ulcer	Minimal
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 2-22]			
PRIMARY CAUSE OF DEATH	- Zymbal's Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 227	TRT#: 5	SEX: Female	DAY ON TEST: 519
	DOSE: 0 MG/L	DISP: Moribund Sacrifice	HISTO: 96093

ORGAN AND ACCOUNTABLE SITE STATUS	
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 228

TRT#: 5

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 100795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hypertrophy	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain		Compression	Mild
[Compression TGLS = 7-1]			
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 8-2]			
* Mammary Gland		Carcinoma	Multiple
		Cyst	Minimal
		Fibroadenoma	
[Carcinoma TGLS = 2-22,4-24]			
[Cyst TGLS = 5-8]			
[Fibroadenoma TGLS = 3-23]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 228	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 100795
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 6-1]			
[Angiectasis TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 229	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 604 HISTO: 98138
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Cyst	Minimal
* Heart		Cardiomyopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
* Ovary		Cyst	Minimal
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 230	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 651 HISTO: 98653
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Spleen		
OBSERVATIONS			
* Brain		Compression	Moderate
[Compression TGLS = 7-1]			
* Heart		Cardiomyopathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lung		Congestion	Mild
[Congestion TGLS = 4-2]			
* Mammary Gland		Cyst	Mild
[Cyst TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 5-1]			
PRIMARY CAUSE OF DEATH	-		
CONTRIBUTORY CAUSE OF DEATH	- Brain Compression		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 231	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 100796
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic, Minimal
Lymph Node			
Note: MESENTERIC LYMPH NODE IS ENLARGED AND MANY CELLS APPEAR SLIGHTLY ANAPLASTIC, SUGGESTIVE OF NEOPLASIA			
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Marked
[Hyperplasia TGLS = 2-5]			
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Cyst	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 231	TRT#: 5	SEX: Female	DAY ON TEST: 736
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100796

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 232

TRT#: 5

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 100797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration Hypertrophy Cardiomyopathy Basophilic Focus Clear Cell Focus	Fatty, Minimal Focal, Minimal Minimal
[Basophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic, Minimal
[Inflammation TGLS = 5-22,6-22]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
Note: CONGESTION AND HEMORRHAGE ACCOMPANY THE HYPERPLASIA IN THE MEDIASTINAL NODE			
[Hyperplasia TGLS = 4-3]			
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 3-8]			
* Pancreas		Atrophy	Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-21]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 232	TRT#: 5	SEX: Female	DAY ON TEST: 736
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100797

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 233

TRT#: 5

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 100798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Mild
* Clitoral Gland	Bilateral	Adenoma	
[Adenoma TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Granulomatous, Minimal
[Basophilic Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
		Hyperplasia	Atypical, Minimal
[Cyst TGLS = 4-8]			
[Fibroadenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 6-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	TRT#: 5	SEX: Female	DAY ON TEST: 736
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100799
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Minimal
[Basophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 2-8]			
* Ovary		Cyst	Mild
[Cyst TGLS = 3-7]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
[Angiectasis TGLS = 5-1]			
[Hyperplasia TGLS = 5-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 234	TRT#: 5	SEX: Female	DAY ON TEST: 736
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100799
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	TRT#: 5	SEX: Female	DAY ON TEST: 702
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 100800
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Bone Marrow	* Brain	* Esophagus
* Eye	* Harderian Gland	* Heart	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Intestine Large, Colon	* Lymph Node, Mandibular		
AUTO PRECLUDES DIAG.			
* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Spleen		
OBSERVATIONS			
* Clitoral Gland		Cyst	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Mild
Note: DIAGNOSIS HINDERED BY AUTOLYSIS			
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 236	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 611 HISTO: 98199
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
* Liver	Serosa	Fibrosis	Minimal
* Lung		Congestion	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Congestion TGLS = 4-2]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 1-8-1]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 5-1]			
[Cyst TGLS = 5-1]			
[Hyperplasia TGLS = 5-1]			
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 236	TRT#: 5	SEX: Female	DAY ON TEST: 611
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 98199

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 237	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100801
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Brain		Compression	Moderate
[Compression TGLS = 4-1]			
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21,3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 5-1]			
[Angiectasis TGLS = 5-1]			
* Spleen		Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Cervix	Polyp Stromal	
[Polyp Stromal TGLS = 6-23]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 237	TRT#: 5	SEX: Female	DAY ON TEST: 737
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100801

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 238	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100802
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 4-3]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
		Hyperplasia	Atypical, Minimal
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 5-22,6-23]			
Mesentery		Accessory Spleen	Minimal
[Accessory Spleen TGLS = 2-21]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 238	TRT#: 5	SEX: Female	DAY ON TEST: 737
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100802
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 239

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 100803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Harderian Gland
* Intestine Small, Duodenum
* Kidney
* Pancreas
* Stomach, Forestomach
* Urinary Bladder

* Adrenal Medulla
* Clitoral Gland
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Glandular

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Nose
* Salivary Glands
* Thymus

* Bone Marrow
* Eye
* Intestine Large, Rectum
* Islets, Pancreatic
* Ovary
* Skin
* Trachea

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart
* Liver

Bile Duct

Cardiomyopathy
Basophilic Focus
Hyperplasia
Inflammation
Leukemia Mononuclear

Minimal
Minimal
Chronic, Minimal

[Leukemia Mononuclear TGLS = 5-6]

* Lung

[Leukemia Mononuclear TGLS = 6-2]

* Mammary Gland

[Cyst TGLS = 1-8]

Mesentery

[Necrosis TGLS = 2-21]

* Pituitary Gland

Fat

Pars Distalis

Pars Distalis

Cyst

Necrosis

Cyst

Hyperplasia

Minimal

Mild

Minimal

Focal, Mild

[Cyst TGLS = 7-1]

[Hyperplasia TGLS = 7-1]

* Spleen

[Leukemia Mononuclear TGLS = 4-6]

Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 239	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100803
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hydrometra	Mild
		Polyp Stromal	
[Hydrometra TGLS = 3-7]			
[Polyp Stromal TGLS = 8-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 240

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 100804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule Degeneration Hypertrophy Hyperplasia	Mild Fatty, Mild Focal, Mild Minimal
* Bone Marrow		Cardiomyopathy	Minimal
* Heart		Basophilic Focus	
* Liver		Note: TGL5; LIVER DEFORMITY; ABNORMAL LOBULATION AND FISSURE CONSIDERED INSIGNIFICANT AND NOT DIAGNOSED	
* Lung		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic, Minimal
Lymph Node	Mediastinal Pancreatic	Hyperplasia Hyperplasia	Lymphoid, Mild Lymphoid, Mild
		Note: SLIGHT CONGESTION ACCOMPANIES THE HYPERPLASIA IN THE PANCREATIC NODE [Hyperplasia TGLS = 4-7]	
* Mammary Gland		Carcinoma Cyst Fibroadenoma	Minimal
		[Carcinoma TGLS = 2-22] [Cyst TGLS = 3-8] [Fibroadenoma TGLS = 1-21]	
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100804
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 6-1] [Angiectasis TGLS = 6-1] * Spleen * Thyroid Gland	Pars Distalis C Cell	Angiectasis Hematopoietic Cell Proliferation Hyperplasia Ultimobranchial Cyst	Mild Minimal Minimal Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 241	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 633 HISTO: 98264
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
Vagina			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear Necrosis	Mild
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Minimal
		Leukemia Mononuclear	
* Clitoral Gland		Cyst	Minimal
[Cyst TGLS = 2-22]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 6-21]			
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	TRT#: 5	SEX: Female	DAY ON TEST: 633
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 98264
ORGAN AND ACCOUNTABLE SITE STATUS			
* Mammary Gland		Cyst	Mild
[Cyst TGLS = 1-8]			
* Ovary		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Edema	Minimal
		Erosion	Minimal
		Leukemia Mononuclear	
* Thymus		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 8-3]			
[Leukemia Mononuclear TGLS = 8-3]			
PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 242

TRT#: 5

SEX: Female

DAY ON TEST: 734

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 100805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
		Leukemia Mononuclear	
		Adenoma	
* Bone Marrow			
* Clitoral Gland			
[Adenoma TGLS = 1-8]			
* Heart		Thrombosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Note: DIAGNOSIS OF HYPERPLASIA IS COMPLICATED BY THE PRESENCE OF LEUKEMIA AND INFLAMMATION			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
		Hyperplasia	Atypical, Minimal
[Cyst TGLS = 3-8]			
[Fibroadenoma TGLS = 2-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100805
ORGAN AND ACCOUNTABLE SITE STATUS			
Mesentery [Necrosis TGLS = 5-22]	Fat	Necrosis	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
[Cyst TGLS = 9-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 243	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100806
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21,3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
[Adenoma TGLS = 5-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Cyst	Minimal
[Cyst TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 243	TRT#: 5	SEX: Female	DAY ON TEST: 734
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100806
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 244	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100807
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Adenoma	
Note: DIAGNOSIS OF ADENOMA BASED ON ENLARGED HYPERCHROMATIC NUCLEI			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 4-8]			
[Fibroadenoma TGLS = 5-21]			
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 1-22]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	TRT#: 5	SEX: Female	DAY ON TEST: 734
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING
* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
		Cyst	Minimal
* Clitoral Gland			
[Cyst TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Note: VASCULAR DILATATION IN ONE BASOPHILIC FOCUS IS NOT DIAGNOSED			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Cyst	Mild
* Mammary Gland			
[Cyst TGLS = 2-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Mild
[Adenoma TGLS = 3-1]			
[Angiectasis TGLS = 3-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 245	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100808
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	TRT#: 5	SEX: Female	DAY ON TEST: 665
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 98735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING			
* Lymph Node, Mandibular			

AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum

OBSERVATIONS			
* Brain		Compression	Moderate
[Compression TGLS = 4-1]			
* Clitoral Gland		Cyst	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hepatodiaphragmatic Nodule	
[Basophilic Focus TGLS = 7-24]		Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Moderate
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
[Adenoma TGLS = 5-23]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 246	TRT#: 5	SEX: Female	DAY ON TEST: 665
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 98735
ORGAN AND ACCOUNTABLE SITE STATUS			
[Angiectasis TGLS = 5-23]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 247	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100809
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Cyst	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: TGL5; DEFORMITY; BELIEVED TO BE ABNORMAL FISSURE AND LOBULATION WHICH IS NOT DIAGNOSED			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,2-22,3-23,4-24]			
* Ovary		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Edema	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	TRT#: 5	SEX: Female	DAY ON TEST: 735
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 100810
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	Minimal
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 3-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 5-1]			
[Hyperplasia TGLS = 5-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 249	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100811
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Clitoral Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 3-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
* Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 250	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 595 HISTO: 97726
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Mild
* Lung		Congestion	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Deep Cervical	Hemorrhage	Mild
[Hemorrhage TGLS = 4-22]			
* Mammary Gland		Cyst	Mild
		Hyperplasia	Mild
[Hyperplasia TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 5-1]			
[Angiectasis TGLS = 5-1]			
* Spleen		Pigmentation	Minimal
* Thymus		Hemorrhage	Minimal
* Thyroid Gland	Bilateral, C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 250	TRT#: 5 DOSE: 0 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 595 HISTO: 97726
ORGAN AND ACCOUNTABLE SITE STATUS			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 251	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 101003
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Hyperplasia	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	Mild
[Hepatodiaphragmatic Nodule TGLS = 6-25]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: SMALL FOCAL AREA OF FIBROSIS AT THE TIP OF ONE LOBE IS NOT DIAGNOSED			
Note: THE SMALL LOCALIZED AREA OF ALVEOLAR HYPERPLASIA IS BELIEVED TO BE A REGENERATIVE PROCESS SECONDARY TO INFLAMMATION			
[Inflammation TGLS = 7-2]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21,3-22,4-23]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-24]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 251	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101003

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 252	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 101004
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular	* Parathyroid Gland		
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	Minimal
[Hepatodiaphragmatic Nodule TGLS = 5-24]			
* Lung	Alveolar Epith	Hyperplasia	Marked
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 6-2]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 1-8,2-21]			
[Fibroadenoma TGLS = 1-8,3-22,4-23]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Mild
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 253	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 101005
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular	* Spleen		
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-21]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: FOCAL AREA OF INFLAMMATION AT THE TIP OF ONE LOBE ALSO HAS CHOLESTEROL CLEFTS AND FIBROSIS			
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 2-7]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 4-1]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 253	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101005
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	TRT#: 6	SEX: Female	DAY ON TEST: 699
	DOSE: 50 MG/L	DISP: Natural Death	HISTO: 101006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Bone	* Bone Marrow	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING
* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.
* Intestine Small, Jejunum

OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 5-23]		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2-21,3-22]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 254	TRT#: 6	SEX: Female	DAY ON TEST: 699
	DOSE: 50 MG/L	DISP: Natural Death	HISTO: 101006
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		
CONTRIBUTORY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101007
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Brain		Compression	Moderate
[Compression TGLS = 6-1]			
* Clitoral Gland		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 4-6]		Hepatodiaphragmatic Nodule	Minimal
[Hepatodiaphragmatic Nodule TGLS = 5-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
Note: SLIGHT ECTASIA AND CONGESTION ACCOMPANY THE HYPERPLASIA IN THE MEDIASTINAL NODE			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
		Hyperplasia	Atypical, Minimal
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21,3-22]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 8-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 255	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101007
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			
* Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101008
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	Ear	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 4-23.1]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8,2-21]			
Mesentery	Fat	Necrosis	Mild
Note: SMALL AREA OF FAT NECROSIS ALSO ADJACENT TO THE CLITORAL GLAND ON SLIDE 8			
[Necrosis TGLS = 5-24]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Uterus		Hydrometra	Mild
Note: TGL6; DILATED UTERUS CONSISTENTLY DIAGNOSED AS HYDROMETRA			
Note: TGL3; DARK MASS IN LUMEN, IS A BLOOD CLOT WHICH IS NOT DIAGNOSED			
[Hydrometra TGLS = 6-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 256	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101008

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 257

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/L

DISP: Terminal Sacrifice

HISTO: 101009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 5-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Adenoma	
		Cyst	Minimal
		Fibroadenoma	
Note: BOTH THE ADENOMA AND THE FIBROADENOMA ARE PRESENT ON SLIDE 21			
[Adenoma TGLS = 1-21]			
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 1-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	Minimal
* Spleen		Fibrosis	Minimal

Note: TGL3; NODULE ON THE SPLEEN, BELIEVED TO BE THE RESULT OF INSIGNIFICANT ABNORMAL LOBULATION AND FISSURE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 257	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 101009
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibrosis TGLS = 3-22] * Thyroid Gland [Adenoma TGLS = 6-3] * Uterus [Polyp Stromal TGLS = 4-7]	C Cell	Adenoma Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 258	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 101010
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Brain		Compression	Mild
[Compression TGLS = 11-1]			
* Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 9-2]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21,3-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 10-25]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 12-1]			
[Angiectasis TGLS = 12-1]			
Pleura		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 258	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 101010
ORGAN AND ACCOUNTABLE SITE STATUS			
Note: SMALL METASTATIC CARCINOMA ALSO ON SLIDE 3 ADJACENT TO THE THYMUS [Alveolar/Bronchiolar Carcinoma TGLS = 7-23,8-24]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Deciduoma Nos	
[Deciduoma Nos TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: TGL 7 AND 8 ARE BOTH ENTERED AS PLEURA AS OPPOSED TO SKELETAL MUSCLE			

* PROTOCOL REQUIRED TISSUE

Species/Strain: Rat/F 344/N

CAS Number: 631-64-1

Lab: SRI

ANIMAL ID: 259	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	Minimal
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
* Lung		Carcinoma	Metastatic (Thyroid Gland)
		Infiltration Cellular	Histiocyte, Minimal
[Carcinoma TGLS = 8-23]			
Lymph Node	Mediastinal	Carcinoma	Metastatic (Thyroid Gland)
[Carcinoma TGLS = 5-3]			
* Mammary Gland		Cyst	Minimal
		Galactocele	
[Cyst TGLS = 1-8,3-8]			
[Galactocele TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 7-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 259	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 101011
ORGAN AND ACCOUNTABLE SITE STATUS			
[Carcinoma TGLS = 6-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101012
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
		Compression	Mild
* Brain			
[Compression TGLS = 5-1]			
* Eye		Cataract	Mild
[Cataract TGLS = 7-44]			
* Islets, Pancreatic		Metaplasia	Hepatocyte, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 4-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	
		Cyst	Minimal
		Hyperplasia	Mild
[Carcinoma TGLS = 3-22]			
[Cyst TGLS = 1-8]			
[Hyperplasia TGLS = 2-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 260	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 101012
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 6-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	TRT#: 6	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 3-7]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 261	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 101013
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 5-1] [Angiectasis TGLS = 5-1] [Cyst TGLS = 5-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	TRT#: 6	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101014
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Clitoral Gland		Cyst	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,2-22,3-23]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Mild
* Thyroid Gland	Bilateral, C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH -			
Animal Note: TGL 3 = NCL (No Corresponding Lesion)			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 263	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 101015
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular	* Parathyroid Gland		
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
[Basophilic Focus TGLS = 3-21]			
[Inflammation TGLS = 3-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 2-7]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 264	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO: 101016
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hypertrophy Basophilic Focus Clear Cell Focus	Fatty, Minimal Focal, Minimal
* Liver			
[Clear Cell Focus TGLS = 5-22]			
* Lung		Infiltration Cellular Inflammation Cyst Fibroadenoma	Histiocyte, Minimal Chronic, Minimal Minimal
* Mammary Gland			
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis	Multiple Minimal
[Adenoma TGLS = 3-1]			
[Angiectasis TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 265	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 101017
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	Ear	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Hyperplasia TGLS = 11-2]			
[Infiltration Cellular TGLS = 11-2]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7]			
[Leukemia Mononuclear TGLS = 9-22]			
[Leukemia Mononuclear TGLS = 10-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 265	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 101017
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 6-5]			
* Mammary Gland		Cyst Fibroadenoma	Mild
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 3-21]			
* Ovary		Leukemia Mononuclear	
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
		Cyst	Minimal
[Adenoma TGLS = 13-1]			
[Angiectasis TGLS = 14-1]			
[Cyst TGLS = 12-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Leukemia Mononuclear	
Vagina		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	TRT#: 6	SEX: Female	DAY ON TEST: 734
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: ANGIECTASIS ASSOCIATED WITH ONE FOCUS IS NOT DIAGNOSED			
[Basophilic Focus TGLS = 4-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Nose		Foreign Body	Minimal
		Inflammation	Chronic, Minimal
Oral Mucosa	Pharyngeal	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-23]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 266	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 101018
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 3-1]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	TRT#: 6	SEX: Female	DAY ON TEST: 734
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101019
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 2-6]			
[Clear Cell Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: SMALL LOCALIZED AREA OF ALVEOLAR HYPERPLASIA IS BELIEVED TO BE A REGENERATIVE PROCESS SECONDARY TO THE INFLAMMATION			
* Mammary Gland		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
[Cyst TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 267	TRT#: 6	SEX: Female	DAY ON TEST: 734
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101019

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 268	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 509 HISTO: 96099
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Nose	* Parathyroid Gland	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Minimal
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5,6-5]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
Mesentery		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	TRT#: 6	SEX: Female	DAY ON TEST: 509
	DOSE: 50 MG/L	DISP: Natural Death	HISTO: 96099
ORGAN AND ACCOUNTABLE SITE STATUS			
		Leukemia Mononuclear	
[Adenoma TGLS = 8-1]			
[Angiectasis TGLS = 8-1]			
* Salivary Glands		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Erosion	Minimal
[Erosion TGLS = 9-4,9-22]			
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 9-4,9-22]			
* Thymus		Leukemia Mononuclear	
* Uterus		Leukemia Mononuclear	
Vagina		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 269

TRT#: 6

SEX: Female

DAY ON TEST: 682

DOSE: 50 MG/L

DISP: Natural Death

HISTO: 101020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
Note: THE BONE MARROW ALTERATION HAS SIMILARITIES TO THE MYELOSTROMAL PROLIFERATION DESCRIBED ON PAGE 402 OF PATHOLOGY OF THE FISCHER RAT		
* Liver	Basophilic Focus Inflammation	Chronic, Minimal
Note: THE FOCAL INFLAMMATORY REACTION IN SOME AREAS SLIGHTLY RESEMBLES THE NEOPLASTIC PROCESS ON SLIDE 21 [Basophilic Focus TGLS = 1-6]		
* Lung	Congestion Infiltration Cellular Cyst Adenoma	Minimal Histocyte, Minimal Minimal
* Mammary Gland		
* Pituitary Gland	Pars Distalis	
[Adenoma TGLS = 3-1]		
Skeletal Muscle	Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 5-21,5-21-1]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	C Cell Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 269	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 682 HISTO: 101020
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ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Skeletal Muscle Rhabdomyosarcoma
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Animal Note: TGL2,THICK MEDIASTINUM IS NOT FOUND AS TISSUE ON SLIDE 3 APPEARS NORMAL

Animal Note: TGL5 IS ENTERED AS SKELETAL MUSCLE INSTEAD OF BONE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 270	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 392 HISTO: 96100
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Liver	Centrilobular	Necrosis	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
[Cyst TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]			
PRIMARY CAUSE OF DEATH	- Clitoral Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 271	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 101021
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Minimal
[Adenoma TGLS = 4-23]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: SMALL FOCAL AREAS OF HYPERPLASIA BELIEVED TO BE SECONDARY TO INFLAMMATION AND FIBROSIS			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Cyst Epithelial Inclusion	Minimal
		Squamous Cell Papilloma	
[Cyst Epithelial Inclusion TGLS = 3-22]			
[Squamous Cell Papilloma TGLS = 3-22]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 271	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 101021
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	TRT#: 6	SEX: Female	DAY ON TEST: 682
	DOSE: 50 MG/L	DISP: Moribund Sacrifice	HISTO: 101022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING
* Lymph Node, Mandibular

OBSERVATIONS			
* Brain		Compression	Moderate
[Compression TGLS = 10-1]			
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 3-8]			
* Eye		Cataract	Mild
[Cataract TGLS = 11-44]			
* Kidney		Nephropathy	Moderate
* Liver		Hepatodiaphragmatic Nodule	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 5-22]		Vacuolization Cytoplasmic	Moderate
[Mixed Cell Focus TGLS = 6-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Inflammation TGLS = 8-24]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 7-3]			
* Mammary Gland		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	TRT#: 6	SEX: Female	DAY ON TEST: 682
	DOSE: 50 MG/L	DISP: Moribund Sacrifice	HISTO: 101022
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst TGLS = 1-8]		Fibroadenoma	
[Fibroadenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 9-1]			
[Angiectasis TGLS = 9-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma			
Animal Note: TGL2 ENTERED AS MAMMARY GLAND INSTEAD OF SKIN			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 273	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 101023
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Adenoma	
		Cyst	Minimal
		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Inflammation	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]			
* Mammary Gland		Cyst	Mild
		Hyperplasia	Moderate
[Cyst TGLS = 1-8]			
[Hyperplasia TGLS = 2-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 273	TRT#: 6	SEX: Female	DAY ON TEST: 734
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101023
ORGAN AND ACCOUNTABLE SITE STATUS			
* Uterus	Polyp Stromal		
[Polyp Stromal TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 274	TRT#: 6	SEX: Female	DAY ON TEST: 734
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101024
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Clitoral Gland		Hyperplasia Inflammation	Moderate Chronic, Mild
[Hyperplasia TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 6-6]			
* Lung		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic, Minimal
* Mammary Gland		Cyst Fibroadenoma	Mild Multiple
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 3-21,4-22,5-23]			
* Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild
[Adenoma TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 275	TRT#: 6	SEX: Female	DAY ON TEST: 734
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101025
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
* Clitoral Gland		Cyst	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 4-1]			
[Angiectasis TGLS = 4-1]			
* Spleen		Pigmentation	Minimal
* Thyroid Gland	C Cell	Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 275	TRT#: 6	SEX: Female	DAY ON TEST: 734
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101025
ORGAN AND ACCOUNTABLE SITE STATUS			
[Carcinoma TGLS = 3-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 276

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/L

DISP: Terminal Sacrifice

HISTO: 101026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Mild
* Clitoral Gland		Cyst	Mild
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
		Hyperplasia	Atypical, Minimal
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 4-1]			
[Angiectasis TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 276	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 101026
ORGAN AND ACCOUNTABLE SITE STATUS			
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-2]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2-21,3-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-23]			
* Ovary		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 277	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101027
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst TGLS = 5-7]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 278	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 101028
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 279	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 700 HISTO: 101029
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hypertrophy Leukemia Mononuclear	Fatty, Minimal Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage Leukemia Mononuclear	Moderate
[Hemorrhage TGLS = 9-1]			
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Mild
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular Leukemia Mononuclear	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
Mesentery		Leukemia Mononuclear	
* Ovary		Cyst Leukemia Mononuclear	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	TRT#: 6	SEX: Female	DAY ON TEST: 700
	DOSE: 50 MG/L	DISP: Moribund Sacrifice	HISTO: 101029
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst TGLS = 7-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
Spinal Cord		Leukemia Mononuclear	
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
		Necrosis	Moderate
Note: NECROSIS AND FIBROSIS BELIEVED TO BE SECONDARY TO THE LEUKEMIA			
[Fibrosis TGLS = 3-23]			
[Leukemia Mononuclear TGLS = 4-6]			
[Necrosis TGLS = 2-22]			
* Stomach, Forestomach		Edema	Mild
		Ulcer	Moderate
[Ulcer TGLS = 10-4]			
PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101030
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Brain		Carcinoma	Metastatic (Pituitary Gland)
		Compression	Moderate
		Hemorrhage	Moderate
Note: THE NODULE, TGL5, APPEARS TO BE THE PITUITARY TUMOR INVADING THE BRAIN IN CONJUNCTION WITH HEMORRHAGE			
[Carcinoma TGLS = 5-1]			
[Compression TGLS = 6-1]			
[Hemorrhage TGLS = 5-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 280	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101030
ORGAN AND ACCOUNTABLE SITE STATUS			
[Angiectasis TGLS = 4-1]			
[Carcinoma TGLS = 4-1]			
* Spleen		Pigmentation	Minimal
* Stom Gland			
Note: TGL8; NODULE IN THE GLANDULAR STOMACH,DOCUMENTED BY THE TRIMMER IS BELIEVED TO BE FOLD IN THE MUCOSA			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
* Brain		Compression	Mild
[Compression TGLS = 10-1]			
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 5-24]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
Note: TGL9; ENLARGED THYMUS IS HYPERPLASTIC LYMPH NODE WITH CONGESTION AND HEMORRHAGE			
[Hyperplasia TGLS = 9-3]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 3-8]			
[Fibroadenoma TGLS = 2-22,4-23,6-25,7-26]			
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101031
ORGAN AND ACCOUNTABLE SITE STATUS			
[Necrosis TGLS = 8-27]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 11-1]			
[Angiectasis TGLS = 11-1]			
* Skin		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 282	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 669 HISTO: 98739
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Clitoral Gland	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Intestine Small, Ileum	* Lymph Node, Mandibular		
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear Necrosis	Minimal
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage Leukemia Mononuclear	Minimal
[Hemorrhage TGLS = 6-1,6-21]			
* Harderian Gland		Leukemia Mononuclear	
* Heart		Cardiomyopathy Leukemia Mononuclear	Minimal
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3]			
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
* Nose		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	TRT#: 6	SEX: Female	DAY ON TEST: 669
	DOSE: 50 MG/L	DISP: Natural Death	HISTO: 98739
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Mild
* Skin		Leukemia Mononuclear	
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Inflammation TGLS = 7-22]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Glandular		Leukemia Mononuclear	
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 283

TRT#: 6

SEX: Female

DAY ON TEST: 521

DOSE: 50 MG/L

DISP: Moribund Sacrifice

HISTO: 96101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	Ear	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Bone Marrow	Hyperplasia	Minimal
* Heart	Cardiomyopathy	Minimal
* Liver	Basophilic Focus	
* Lung	Infiltration Cellular	Histiocyte, Minimal
	Inflammation	Chronic, Minimal
* Mammary Gland	Fibroadenoma	
[Fibroadenoma TGLS = 1-21,1-21-1]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Uterus	Polyp Stromal	
Vagina	Inflammation	Mild

PRIMARY CAUSE OF DEATH

- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 284	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Bone	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 8-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Cyst	Mild
		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Cyst TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 284	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 101032
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibroadenoma TGLS = 2-21,3-22]			
* Ovary		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
		Leukemia Mononuclear	
[Cyst TGLS = 10-1]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
		Necrosis	Mild
Note: NECROSIS AND FIBROSIS OF THE SPLEEN BELIEVED TO BE SECONDARY TO THE LEUKEMIA			
[Fibrosis TGLS = 5-23]			
[Leukemia Mononuclear TGLS = 4-6]			
[Necrosis TGLS = 5-23]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular		Edema	Mild
* Uterus		Hydrometra	Mild
		Polyp Stromal	
[Hydrometra TGLS = 6-7]			
[Polyp Stromal TGLS = 7-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 285	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 520 HISTO: 96102
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular	* Thymus		
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 11-1]			
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-24]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: TGL6, TISSUE NOS, IS ENTERED AS MEDIASTINAL LYMPH NODE			
[Leukemia Mononuclear TGLS = 6-22]			
[Leukemia Mononuclear TGLS = 8-23]			
[Leukemia Mononuclear TGLS = 2-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	TRT#: 6	SEX: Female	DAY ON TEST: 520
	DOSE: 50 MG/L	DISP: Natural Death	HISTO: 96102
ORGAN AND ACCOUNTABLE SITE STATUS			
Mesentery		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-21]			
* Nose		Inflammation	Chronic, Minimal
* Ovary		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 12-1]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Edema	Minimal
	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 5-4,5-25]			
* Uterus		Leukemia Mononuclear	
Vagina		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	TRT#: 6	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101033
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 6-25]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 8-6]		Inflammation	Chronic, Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 7-7]			
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2-21,3-22,4-23,5-24]			
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH -			
Animal Note: TGL3 IS ENTERED AS MAMMARY GLAND INSTEAD OF SKIN			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 287	TRT#: 6	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING
* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
		Hyperplasia	Marked
* Bone Marrow			
Note: STROMAL AND MYELOID CELL HYPERPLASIA ARE ESPECIALLY PROMINENT			
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-22]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
[Basophilic Focus TGLS = 3-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
Note: TGL2;ENTERED AS CLITORAL GLAND INSTEAD OF INGUINAL MAMMARY GLAND			
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
[Cyst TGLS = 5-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 287	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 101034
ORGAN AND ACCOUNTABLE SITE STATUS			
[Hyperplasia TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	TRT#: 6	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101035
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
Note: SLIGHT ANGIECTASIS ASSOCIATED WITH ONE FOCUS			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 3-1]			
[Angiectasis TGLS = 3-1]			
* Spleen		Pigmentation	Minimal
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 289

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/L

DISP: Moribund Sacrifice

HISTO: 101036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
		Leukemia Mononuclear	
* Bone Marrow		Myelofibrosis	Moderate
* Brain		Necrosis	Moderate
Note: NECROSIS IN THE BRAIN APPEARS TO BE SYMMETRICAL AND INVOLVES HIPPOCAMPUS ON BOTH SIDES			
* Heart		Cardiomyopathy	Mild
* Kidney		Infarct	Moderate
		Nephropathy	Mild
[Infarct TGLS = 4-5]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: ECTASIA IS ALSO PRESENT IN THE MEDIASTINAL NODE			
		[Leukemia Mononuclear TGLS = 8-3]	
		[Leukemia Mononuclear TGLS = 3-7]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 289	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 729 HISTO: 101036
ORGAN AND ACCOUNTABLE SITE STATUS			
* Mammary Gland [Cyst TGLS = 9-8] [Fibroadenoma TGLS = 1-21,2-22]		Cyst Fibroadenoma	Minimal Multiple
Mesentery	Fat	Necrosis	Minimal
* Pancreas		Atrophy	Mild
* Pituitary Gland [Adenoma TGLS = 10-1] [Angiectasis TGLS = 10-1] [Cyst TGLS = 10-1]	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Cyst	Moderate Mild
* Spleen		Hematopoietic Cell Proliferation Leukemia Mononuclear	Moderate
* Stomach, Forestomach		Edema	Minimal
	Epithelium	Hyperplasia	Mild
		Ulcer	Moderate
* Stomach, Glandular		Ulcer	Mild
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Brain Necrosis;Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 290

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 50 MG/L

DISP: Terminal Sacrifice

HISTO: 101037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Brain		Necrosis	Minimal
Note: SMALL FOCUS OF NECROTIC CELLS IN THE HIPPOCAMPUS			
* Heart		Cardiomyopathy	Minimal
		Thrombosis	Moderate
[Thrombosis TGLS = 10-5]			
* Kidney		Infarct	Marked
		Nephropathy	Minimal
[Infarct TGLS = 8-5]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hyperplasia TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
Mesentery	Fat	Necrosis	Mild
Note: LESION IS PREDOMINATELY FIBROSIS INSTEAD OF NECROSIS			
[Necrosis TGLS = 9-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 290	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 101037
ORGAN AND ACCOUNTABLE SITE STATUS			
* Ovary [Cyst TGLS = 3-7]		Cyst	Mild
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Cyst	Mild Moderate
[Cyst TGLS = 11-1]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Edema	Mild
	Epithelium	Hyperplasia Ulcer	Moderate Mild
* Stomach, Glandular		Edema	Mild
* Uterus [Polyp Stromal TGLS = 4-7]		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 291

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/L

DISP: Terminal Sacrifice

HISTO: 101038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 3-23]			
* Liver		Basophilic Focus	
[Hepatodiaphragmatic Nodule TGLS = 5-24]		Hepatodiaphragmatic Nodule	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-3]			
* Mammary Gland		Cyst	Minimal
[Fibroadenoma TGLS = 1-21,2-22]		Fibroadenoma	Multiple
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]	Pars Distalis	Angiectasis	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 291	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101038
ORGAN AND ACCOUNTABLE SITE STATUS			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101039
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Moderate
		Nephropathy	Minimal
[Hydronephrosis TGLS = 5-5]			
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 3-21]			
* Nose		Foreign Body	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 293	TRT#: 6	SEX: Female	DAY ON TEST: 720
	DOSE: 50 MG/L	DISP: Natural Death	HISTO: 101040
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	Lacrimal Gland
Larynx	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum	* Intestine Small, Jejunum
OBSERVATIONS			
* Adrenal Medulla		Pheochromocytoma Benign	
Note: PHEOCHROMOCYTOMA IS MOST EVIDENT ON SLIDE 10.1			
* Brain		Compression	Moderate
[Compression TGLS = 9-1-1]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Serosa	Fibrosis	Minimal
Note: TGL3; ADHESION BETWEEN LIVER AND KIDNEY IS ENTERED ONLY UNDER LIVER			
[Basophilic Focus TGLS = 4-6]			
[Fibrosis TGLS = 3-21]			
* Lung		Congestion	Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Congestion TGLS = 8-2]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-7]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 293	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 720 HISTO: 101040
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibroadenoma TGLS = 1-22] * Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild
[Adenoma TGLS = 10-1] [Angiectasis TGLS = 10-1] * Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Minimal Moderate
[Hyperplasia TGLS = 5-4,11-4] [Ulcer TGLS = 5-4,11-4]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Bone	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Adenoma	
		Carcinoma	
[Adenoma TGLS = 5-8]			
[Carcinoma TGLS = 5-8]			
* Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 4-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 6-6]			
[Vacuolization Cytoplasmic TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101041
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Edema	Minimal
	Epithelium	Hyperplasia	Mild
		Ulcer	Mild
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING
* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
[Cyst TGLS = 2-21]			
[Fibroadenoma TGLS = 3-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 7-23]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 4-7]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 295	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 101042
ORGAN AND ACCOUNTABLE SITE STATUS			
		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 296	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 101043
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Brain		Compression	Mild
[Compression TGLS = 8-1]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: FOCAL AREA OF FIBROSIS IS PRESENT AT THE TIP OF ONE LOBE BUT NOT DIAGNOSED			
Note: TGL6; PALE FOCUS BELIEVED LIKELY TO BE AN EMPHYSEMATOUS POCKET WHICH IS NOT DIAGNOSED			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21,3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Uterus		Polyp Stromal	
Note: FOCAL AREA OF HEMOSIDERIN PIGMENTATION IS PRESENT BUT NOT DIAGNOSED			
[Polyp Stromal TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 296	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 101043
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 297

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/L

DISP: Terminal Sacrifice

HISTO: 101044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ear	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Marked
* Clitoral Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Infiltration Cellular TGLS = 5-2]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21,3-22,4-23]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	Mild
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 5-23]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 3-22]			
* Ovary		Cyst	Mild
[Cyst TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
* Skin		Cyst Epithelial Inclusion	Mild
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 298	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101045
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst Epithelial Inclusion TGLS = 2-21]			
[Inflammation TGLS = 2-21]			
* Spleen	Leukemia Mononuclear		
Note: DIAGNOSIS OF LEUKEMIA IS BASED ON THE INCREASED NUMBER OF MITOTIC FIGURES IN THE PERIPHERAL ASPECTS OF THE LYMPHOID FOLLICLES			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 299	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/L	DISP: Terminal Sacrifice	HISTO: 101046
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Serosa	Fibrosis	Minimal
[Basophilic Focus TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 300	TRT#: 6 DOSE: 50 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 101047
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
[Basophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Pancreas		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Pigmentation	Minimal
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 3-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Clitoral Gland		Cyst	Minimal
		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
Note: TGL2, LIVER NODULE BELIEVED TO BE ABNORMAL FISSURE AND LOBULATION AND IS NOT DIAGNOSED			
[Clear Cell Focus TGLS = 3-23]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
		Hyperplasia	Atypical, Mild
[Fibroadenoma TGLS = 1-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 4-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 301	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100964
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Hydrometra	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21,3-22,4-23]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-24]			
* Ovary		Cyst	Mild
[Cyst TGLS = 6-7]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Inflammation	Chronic, Mild
[Inflammation TGLS = 8-25,9-26]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 302	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100965
ORGAN AND ACCOUNTABLE SITE STATUS			
* Uterus		Inflammation	Chronic, Mild
Note: TGL 7 IS A CYSTIC LESION WITH INFLAMMATORY CELLS AND DEBRIS. THE CYST IS NOT DIAGNOSED [Inflammation TGLS = 7-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 303	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100966
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Mild
* Eye		Cataract	Minimal
[Cataract TGLS = 5-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Hyperplasia	Mild
[Cyst TGLS = 1-8]			
[Hyperplasia TGLS = 2-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 303	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100966
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 304	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100967
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
Note: SLIGHT ECTASIA ACCOMPANIES THE HYPERPLASIA IN THE PANCREATIC NODE			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Note: ECTASIA, WHICH IS NOT DIAGNOSED, IS ALSO PRESENT IN THE MANDIBULAR LYMPH NODE			
[Hyperplasia TGLS = 4-23]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
		Hyperplasia	Mild
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 3-22]			
* Ovary		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100967
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst TGLS = 7-7]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 10-1]			
* Saliv Glands			
Note: TGL4, CYST IN SALIVARY GLAND, IS REALLY A MANDIBULAR LYMPH NODE			
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: TGL 9 = NCL (No Corresponding Lesion)			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 305	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100968
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
Note: TGL9; DEFORMITY OF THE LIVER, IS BELIEVED TO BE ABNORMAL LOBULATION AND FISSURE AND IS NOT DIAGNOSED ROUTINELY			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Mild
		Fibroadenoma	Multiple
[Cyst TGLS = 7-8,2-22]			
[Fibroadenoma TGLS = 1-21,3-23,4-24,5-25,6-26]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 10-27]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 8-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 305	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100968
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 11-1]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100969
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 3-21,4-22,5-23,6-24]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100970
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Mild
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Brain		Compression	Mild
[Compression TGLS = 8-1]			
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 6-5]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: SUBTLE ALVEOLAR EPITHELIAL HYPERPLASIA PRESENT IN AT LEAST 3 DIFFERENT LOCATIONS			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 7-3]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21,3-22]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100971
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 9-1]			
* Spleen		Pigmentation	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 10-7]			
Vagina		Cyst	
[Cyst TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 6-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
Note: TGL9; ABNORMAL LOBULATIONS AND FISSURES ARE NOT ROUTINELY DIAGNOSED SUBSEQUENT TO GROSS ALTERATION OF DEFORMITY			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
[Fibroadenoma TGLS = 1-21,3-23,4-24,5-25]			
[Galactocele TGLS = 2-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 8-26]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 7-7]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 309	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100972
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 310	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100973
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adren Cortex			
Note: ONE ADRENAL IS MISSING			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
[Basophilic Focus TGLS = 5-24]			
[Clear Cell Focus TGLS = 4-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: FOCAL AREA OF INFLAMMATION AND FIBROSIS ADJACENT TO THE PLEURAL SURFACE OF ONE LOBE			
[Inflammation TGLS = 7-2]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21,3-22,8-26]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 6-25]			
* Ovary		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 310	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100973
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 311	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100974
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration Hypertrophy Leukemia Mononuclear	Fatty, Mild Focal, Mild
* Bone Marrow		Cardiomyopathy	Minimal
* Heart		Nephropathy	Minimal
* Kidney		Hyperplasia	Moderate
* Liver	Bile Duct	Leukemia Mononuclear	
Note: TGL11; LIVER DEFORMITY, ABNORMAL FISSURES AND LOBULATIONS ARE NOT ROUTINELY DIAGNOSED			
* Lung	Alveolar Epith	Hyperplasia Infiltration Cellular Inflammation Leukemia Mononuclear	Minimal Histiocyte, Minimal Chronic, Minimal
Note: SUBTLE AREA OF HYPERPLASIA IS MASKED BY THE LEUKEMIA AND INFLAMMATION			
[Infiltration Cellular TGLS = 12-2]			
[Leukemia Mononuclear TGLS = 12-2]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-8,2-21,3-22]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 311	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100974
ORGAN AND ACCOUNTABLE SITE STATUS			
Mesentery [Necrosis TGLS = 10-23]	Fat	Necrosis	Moderate
* Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hyperplasia	Mild Focal, Mild
Note: HEMOSIDERIN PIGMENTATION IS ALSO PRESENT IN THE PITUITARY BUT NOT ROUTINELY DIAGNOSED [Cyst TGLS = 15-1] [Hyperplasia TGLS = 15-1]			
* Skin [Inflammation TGLS = 13-24,14-25]		Inflammation	Chronic, Mild
* Spleen [Leukemia Mononuclear TGLS = 5-26]		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus [Polyp Stromal TGLS = 8-7]		Polyp Stromal	
Vagina [Inflammation TGLS = 7-7]		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 100975
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	
OBSERVATIONS			
* Brain		Hemorrhage	Mild
* Liver		Basophilic Focus	
* Lung		Congestion	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
		Hyperplasia	Moderate
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21,4-23]			
[Hyperplasia TGLS = 3-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-24]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Note: HEMORRHAGE IS ALSO PRESENT IN THE PITUITARY IN CONJUNCTION WITH THE TUMOR AND THE ANGIECTASIS			
[Adenoma TGLS = 6-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 312	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 735 HISTO: 100975
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Brain Hemorrhage		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 313	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 622 HISTO: 98203
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	Ear	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Focal, Mild
* Brain		Compression	Minimal
[Compression TGLS = 6-1]			
* Heart		Cardiomyopathy	Mild
* Liver		Hepatodiaphragmatic Nodule	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Mild
		Fibroadenoma	Multiple
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 1-21,2-8-1,3-22]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 5-1]			
[Angiectasis TGLS = 5-1]			
[Cyst TGLS = 5-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 313	TRT#: 7	SEX: Female	DAY ON TEST: 622
	DOSE: 500 MG/L	DISP: Moribund Sacrifice	HISTO: 98203

ORGAN AND ACCOUNTABLE SITE STATUS	
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
		Cyst	Minimal
* Clitoral Gland		Nephropathy	Minimal
[Cyst TGLS = 2-8]		Basophilic Focus	
* Kidney		Clear Cell Focus	
* Liver		Hyperplasia	Minimal
	Bile Duct		
[Clear Cell Focus TGLS = 6-24,7-25]		Infiltration Cellular	Histiocyte, Minimal
* Lung		Inflammation	Chronic, Minimal
		Cyst	Mild
* Mammary Gland		Fibroadenoma	Multiple
[Cyst TGLS = 4-23,9-8]			
[Fibroadenoma TGLS = 1-21,3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 8-1]			
[Angiectasis TGLS = 8-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 314	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100976
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland Vagina [Cyst TGLS = 5-7]	C Cell	Hyperplasia Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 315

TRT#: 7

SEX: Female

DAY ON TEST: 657

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 98738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	Ear	* Esophagus
* Eye	* Intestine Large, Colon	* Intestine Large, Rectum	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Pancreas		

OBSERVATIONS

* Adrenal Cortex	Leukemia Mononuclear	
* Adrenal Medulla	Leukemia Mononuclear	
* Brain	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1]		
* Clitoral Gland	Cyst	Minimal
[Cyst TGLS = 1-8]		
* Harderian Gland	Leukemia Mononuclear	
* Heart	Cardiomyopathy	Minimal
	Leukemia Mononuclear	
* Kidney	Leukemia Mononuclear	
* Liver	Leukemia Mononuclear	
* Lung	Leukemia Mononuclear	
* Lymph Node, Mesenteric	Leukemia Mononuclear	
* Mammary Gland	Cyst	Minimal
* Nose	Inflammation	Chronic, Minimal
* Pituitary Gland	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]		
* Spleen	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 315	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 657 HISTO: 98738
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thymus		Leukemia Mononuclear	
Vagina		Cyst	
[Cyst TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 316	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100977
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
Note: TGL7; LIVER DEFORMITY, ABNORMAL FISSURES AND LOBULATIONS ARE NOT ROUTINELY DIAGNOSED			
[Basophilic Focus TGLS = 8-25.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 9-2]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
		Hyperplasia	Atypical, Minimal
[Cyst TGLS = 5-8]			
[Fibroadenoma TGLS = 1-21,2-22,3-23,4-24]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 316	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100977
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 10-1] * Spleen	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal
		Hematopoietic Cell Proliferation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 317	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 430 HISTO: 96095
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Chronic, Marked
Note: TGL4, LARYNX, COLONIES OF ORGANISMS ARE PRESENT IN THE ABSCESS, [Inflammation TGLS = 4-23]			
* Lung		Congestion	Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Infiltration Cellular TGLS = 5-24]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Thymus		Hemorrhage	Minimal
PRIMARY CAUSE OF DEATH	- Larynx Inflammation		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 318

TRT#: 7

SEX: Female

DAY ON TEST: 618

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 98204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Minimal
* Heart		Cardiomyopathy	Minimal
		Thrombosis	Moderate
[Thrombosis TGLS = 6-5]			
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Infiltration Cellular TGLS = 7-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7-1]			
[Leukemia Mononuclear TGLS = 5-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-5]			
* Mammary Gland		Cyst	Mild
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 318	TRT#: 7	SEX: Female	DAY ON TEST: 618
	DOSE: 500 MG/L	DISP: Moribund Sacrifice	HISTO: 98204
ORGAN AND ACCOUNTABLE SITE STATUS			
* Salivary Glands		Inflammation	Mild
PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear	
CONTRIBUTORY CAUSE OF DEATH	- Heart	Thrombosis	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 319	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 519 HISTO: 96096
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Uterus	Cervix	Sarcoma Stromal	
[Sarcoma Stromal TGLS = 1-21]			
Vagina		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 2-22]			
PRIMARY CAUSE OF DEATH	- Uterus Cervix Sarcoma Stromal		
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 320	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100978
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hypertrophy	Fatty, Minimal Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Basophilic Focus Hyperplasia Leukemia Mononuclear	Mild
[Basophilic Focus TGLS = 5-6]			
* Lung	Alveolar Epith	Hyperplasia Infiltration Cellular Inflammation	Moderate Histiocyte, Minimal Chronic, Minimal
[Hyperplasia TGLS = 6-2]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-8-1,2-21,3-22,7-23]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hyperplasia	Minimal Focal, Mild
* Spleen		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 321

TRT#: 7

SEX: Female

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 100979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Eye		Cataract	Mild
[Cataract TGLS = 4-44]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
[Cyst TGLS = 3-1]			
[Hyperplasia TGLS = 3-1]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	Follicular Cel	Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 321	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100979
ORGAN AND ACCOUNTABLE SITE STATUS			
[Carcinoma TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	TRT#: 7	SEX: Female	DAY ON TEST: 734
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Clitoral Gland		Cyst	Mild
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	Minimal
[Clear Cell Focus TGLS = 5-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: FOCAL AREA OF INFLAMMATION ADJACENT TO THE PLEURAL SURFACE HAS CHOLESTEROL CLEFTS			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 6-1]			
[Angiectasis TGLS = 6-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 322	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100980
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland * Uterus [Polyp Stromal TGLS = 3-7]	C Cell	Hyperplasia Polyp Stromal	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 323	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100981
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Note: TGL11; DEFORMITY, ABNORMAL FISSURES AND LOBULATIONS ARE NOT ROUTINELY DIAGNOSED			
[Basophilic Focus TGLS = 7-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Hyperplasia TGLS = 8-2]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 5-8]			
[Fibroadenoma TGLS = 2-21,3-22,4-23,10-24]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Moderate
[Cyst TGLS = 9-1]			
[Hyperplasia TGLS = 9-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 323	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100981
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland Vagina [Polyp Adenomatous TGLS = 6-7]	C Cell	Hyperplasia Polyp Adenomatous	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 324

TRT#: 7

SEX: Female

DAY ON TEST: 696

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 100982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Moderate
[Compression TGLS = 7-1]			
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
Note: TGL 9 AND 10;DEFORMITY AND NODULE RESPECTIVELY, ABNORMAL FISSURES AND LOBULATIONS DOCUMENTED BY THE TRIMMER ARE NOT ROUTINELY DIAGNOSED			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: SMALL FOCAL AREA OF FIBROSIS AT THE TIP OF ONE LOBE OF THE LUNG IS NOT DIAGNOSED			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
Note: CONGESTION ACCOMPANIES THE HYPERPLASIA IN THE MEDIASTINAL NODE			
[Hyperplasia TGLS = 6-3]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 1-21,3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 8-1]			
[Angiectasis TGLS = 8-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 324	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 696 HISTO: 100982
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 325

TRT#: 7

SEX: Female

DAY ON TEST: 622

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 98205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mesenteric	* Nose	* Ovary	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Cyst	Minimal
[Cyst TGLS = 1-8-1]			
* Heart		Cardiomyopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
Note: TGL7, MEDIASTINAL NODE IS ON SLIDE 3 INSTEAD OF SLIDE 7			
[Hyperplasia TGLS = 5-3]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2-21,3-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-23]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Mammary Gland Fibroadenoma

CONTRIBUTORY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 325	TRT#: 7	SEX: Female	DAY ON TEST: 622
	DOSE: 500 MG/L	DISP: Moribund Sacrifice	HISTO: 98205

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 326	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 100983
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hypertrophy Carcinoma	Fatty, Minimal Focal, Minimal
* Kidney [Carcinoma TGLS = 6-24]	Transit Epithe		
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic, Minimal
* Mammary Gland [Cyst TGLS = 1-8] [Fibroadenoma TGLS = 4-22,5-23]		Cyst Fibroadenoma	Minimal Multiple
* Pituitary Gland	Pars Distalis Pars Distalis	Angiectasis Hyperplasia	Minimal Focal, Mild
* Spleen [Hyperplasia TGLS = 2-21]	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus Note: TGL3;SEROUSAL CYST OF THE UTERUS IS UNCOMPLICATED [Cyst TGLS = 3-7]		Cyst	Mild
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 326	TRT#: 7	SEX: Female	DAY ON TEST: 736
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100983

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	TRT#: 7	SEX: Female	DAY ON TEST: 715
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 100984
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Brain		Compression	Moderate
[Compression TGLS = 6-1]			
* Heart		Cardiomyopathy	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 1-21,2-8,3-22]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	TRT#: 7	SEX: Female	DAY ON TEST: 736
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100985
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-24,5-24]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2-21,3-22]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 9-1]			
[Cyst TGLS = 9-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 329	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 100986
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Clitoral Gland	* Lymph Node, Mandibular		
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hypertrophy	Fatty, Minimal Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy Leukemia Mononuclear	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus Hyperplasia Leukemia Mononuclear	Moderate
[Leukemia Mononuclear TGLS = 6-6]			
* Lung	Alveolar Epith	Hyperplasia Infiltration Cellular Inflammation Leukemia Mononuclear	Minimal Histiocyte, Minimal Chronic, Minimal
Note: DIAGNOSIS OF ALVEOLAR HYPERPLASIA IS COMPLICATED BY THE LEUKEMIA AND THE INFLAMMATION			
Lymph Node	Mediastinal Pancreatic	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	
* Lymph Node, Mesenteric			
[Leukemia Mononuclear TGLS = 7-5]			
* Mammary Gland		Cyst Fibroadenoma	Minimal Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 100986
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibroadenoma TGLS = 1-21,2-22,3-23,4-24]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	TRT#: 7	SEX: Female	DAY ON TEST: 736
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100987
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: DIAGNOSIS OF ALVEOLAR HYPERPLASIA IS QUESTIONABLE, PROBABLY SECONDARY TO INFLAMMATION			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,2-22,3-23]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	TRT#: 7	SEX: Female	DAY ON TEST: 737
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Infiltration Cellular TGLS = 8-27]			
* Mammary Gland		Cyst	Mild
		Fibroadenoma	Multiple
[Cyst TGLS = 3-23,5-8]			
[Fibroadenoma TGLS = 1-21,2-22,4-24]			
Mesentery		Accessory Spleen	Minimal
	Fat	Necrosis	Moderate
[Accessory Spleen TGLS = 7-26]			
[Necrosis TGLS = 6-25]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 331	TRT#: 7	SEX: Female	DAY ON TEST: 737
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100988
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 9-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 332

TRT#: 7

SEX: Female

DAY ON TEST: 624

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 98206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5,6-5]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Hyperplasia TGLS = 9-6]			
[Leukemia Mononuclear TGLS = 9-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5-1]			
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 12-8-1]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Mild
[Necrosis TGLS = 8-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 332	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 624 HISTO: 98206
ORGAN AND ACCOUNTABLE SITE STATUS			
* Ovary		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
		Leukemia Mononuclear	
[Cyst TGLS = 11-1]			
[Hyperplasia TGLS = 11-1]			
[Leukemia Mononuclear TGLS = 11-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 333	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100989
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Brain
* Clitoral Gland	Ear	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
Lacrimal Gland	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Osteoma	
[Osteoma TGLS = 9-26]			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatocellular Carcinoma TGLS = 8-25]			
[Leukemia Mononuclear TGLS = 7-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Note: DIAGNOSIS OF SLIGHT ALVEOLAR HYPERPLASIA IS COMPLICATED BY INFLAMMATION AND LEUKEMIA			
* Mammary Gland		Carcinoma	Multiple
		Cyst	Minimal
		Fibroadenoma	

Note: MAMMARY GLAND CARCINOMAS ARE ATYPICAL AS MANY AREAS SUGGESTIVE OF BASAL CELL PROLIFERATION AND KERATINAZATION

Note: A QUESTIONABLE MAMMARY CARCINOMA IS ALSO ON SLIDE 8, POSSIBLY INVADING THE SALIVARY GLAND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 333	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100989
ORGAN AND ACCOUNTABLE SITE STATUS			
[Carcinoma TGLS = 2-22,3-23,4-24]			
[Fibroadenoma TGLS = 2-22]			
* Nose		Foreign Body Inflammation	Minimal Chronic, Minimal
* Ovary		Cyst	Minimal
[Cyst TGLS = 5-7]			
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Cyst	Multiple Mild Mild
[Adenoma TGLS = 10-1]			
[Angiectasis TGLS = 10-1]			
[Cyst TGLS = 10-1]			
* Salivary Glands		Carcinoma	Metastatic (Mammary Gland)
* Skin		Squamous Cell Papilloma	Multiple
Note: THERE ARE AN ESTIMATED 100 OR MORE HORN SHAPED LESIONS RANDOMLY DISTRIBUTED ALL OVER THE BODY			
Note: A GROSS PHOTOGRAPH OF THE NUMEROUS HORN LIKE LESIONS IS IN THE STUDY FILE			
[Squamous Cell Papilloma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	TRT#: 7	SEX: Female	DAY ON TEST: 737
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Brain		Compression	Mild
[Compression TGLS = 3-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 4-1]			
[Angiectasis TGLS = 4-1]			
* Spleen		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 334	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100990
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	TRT#: 7	SEX: Female	DAY ON TEST: 737
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100991
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
Note: SLIGHT ANGIECTASIS PRESENT IN ONE FOCAL AREA IS NOT DIAGNOSED			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 2-1]			
[Angiectasis TGLS = 2-1]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	TRT#: 7	SEX: Female	DAY ON TEST: 714
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 100992
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Large, Colon	* Intestine Small, Ileum		
OBSERVATIONS			
* Clitoral Gland		Cyst	Mild
		Inflammation	Chronic, Mild
[Cyst TGLS = 2-8]			
[Inflammation TGLS = 2-8]			
* Heart		Cardiomyopathy	Minimal
* Liver		Clear Cell Focus	
* Lung		Congestion	Moderate
		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 337	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100993
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-26]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
		Hyperplasia	Moderate
Note: A FIBROADENOMA IS ALSO PRESENT ON SLIDE 26 WITH THE CLITORAL GLAND TUMOR			
[Cyst TGLS = 2-8,3-21]			
[Fibroadenoma TGLS = 4-22]			
[Hyperplasia TGLS = 7-24,8-25]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-23]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
[Cyst TGLS = 6-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 337	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100993
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	TRT#: 7	SEX: Female	DAY ON TEST: 737
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100994
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Infiltration Cellular TGLS = 6-24]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,2-22,3-23]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
[Cyst TGLS = 5-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 339

TRT#: 7

SEX: Female

DAY ON TEST: 701

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 100995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration Hypertrophy Hyperplasia	Fatty, Minimal Focal, Moderate Mild
* Bone Marrow		Cardiomyopathy	Minimal
* Heart		Basophilic Focus	
* Liver		Hyperplasia	Mild
* Lung	Alveolar Epith	Infiltration Cellular Mesothelioma Malignant	Histiocyte, Minimal
Note: MESOTHELIOMA HAS SIMILARITIES TO THE ATRIOCAVAL MESOTHELIOMA DESCRIBED ON PAGE 468 OF PATHOLOGY OF FISCHER RAT			
Note: TGL5 AND 6 ARE BELIEVED TO BE THE SAME LESION,---MESOTHELIOMA INVOLVING THE PLEURA			
[Hyperplasia TGLS = 9-26]			
[Mesothelioma Malignant TGLS = 5-24,6-25]			
* Mammary Gland		Cyst Fibroadenoma	Minimal Multiple
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21,3-22]			
* Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild
[Adenoma TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 339	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO: 100995
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Hematopoietic Cell Proliferation Leukemia Mononuclear	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-23]			
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		
CONTRIBUTORY CAUSE OF DEATH	- Lung Mesothelioma Malignant		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 340

TRT#: 7

SEX: Female

DAY ON TEST: 737

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 100996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	Ear
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 5-8]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Note: THE DIAGNOSIS OF ALVEOLAR HYPERPLASIA IS MADE DIFFICULT BY THE PRESENCE OF LEUKEMIA AND INFLAMMATION			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Cyst	Mild
		Fibroadenoma	Multiple
		Hyperplasia	Atypical, Minimal

Note: TGL8; MAMMARY GLAND MASS; BELIEVED TO BE ACCUMULATION OF ADIPOSE TISSUE

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	TRT#: 7	SEX: Female	DAY ON TEST: 737
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100996
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst TGLS = 3-23]			
[Fibroadenoma TGLS = 1-21,2-22,4-24,6-25,7-26]			
* Ovary		Cyst	Minimal
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 11-1]			
[Angiectasis TGLS = 11-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 341	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100997
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hypertrophy Glioma Malignant	Fatty, Minimal Focal, Minimal Mixed Cell
* Brain [Glioma Malignant TGLS = 7-1]			
* Clitoral Gland [Cyst TGLS = 3-8]		Cyst	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular Inflammation Cyst Fibroadenoma	Histiocyte, Minimal Chronic, Minimal Minimal
* Mammary Gland [Cyst TGLS = 1-8] [Fibroadenoma TGLS = 4-22]			
* Skin [Inflammation TGLS = 2-21]		Inflammation	Chronic, Mild
* Uterus [Polyp Stromal TGLS = 5-7]		Polyp Stromal	
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 342

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 100998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Minimal
* Bone Marrow	Histiocytic Sarcoma	
Note: THE BONE MARROW LESION HAS SIMILARITIES TO MYELOSTROMAL PROLIFERATION ILLUSTRATED ON PAGE 402-IN PATHOLOGY OF FISCHER RAT		
Note: QUESTIONABLE DIAGNOSIS OF HISTIOCYTIC SARCOMA AS LESIONS ARE NOT FOUND IN OTHER TISSUES		
Note: BONE MARROW LESION ALSO PRESENT ADJACENT TO NASAL CAVITY ON SLIDE 9-1		
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Eosinophilic Focus	
* Lung	Infiltration Cellular	Histiocyte, Minimal
	Inflammation	Chronic, Minimal
[Inflammation TGLS = 4-2]		
* Mammary Gland	Cyst	Minimal
	Fibroadenoma	Multiple
[Cyst TGLS = 1-8]		
[Fibroadenoma TGLS = 2-21,3-22]		
* Pancreas	Atrophy	Minimal
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 342	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100998

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 100999
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Nose		Inflammation	Chronic, Minimal
* Ovary		Cyst	Minimal
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Intermed	Angiectasis	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	TRT#: 7	SEX: Female	DAY ON TEST: 640
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 98266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mesenteric	Mesentery	Oral Mucosa
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING	
* Lymph Node, Mandibular	

AUTO PRECLUDES DIAG.	
* Intestine Large, Cecum	* Intestine Small, Jejunum

OBSERVATIONS			
* Adrenal Cortex		Necrosis	Mild
* Clitoral Gland		Cyst	Minimal
		Inflammation	Chronic, Minimal
[Cyst TGLS = 3-22]			
[Inflammation TGLS = 3-22]			
* Intestine Small, Ileum		Inflammation	Suppurative, Moderate
* Kidney		Hydronephrosis	Moderate
		Nephropathy	Mild
[Hydronephrosis TGLS = 7-5]			
* Liver		Clear Cell Focus	
* Lung		Congestion	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Congestion TGLS = 10-2]			
Lymph Node	Mediastinal	Congestion	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Minimal
[Congestion TGLS = 9-3]			
[Hyperplasia TGLS = 5-7]			
* Mammary Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	TRT#: 7	SEX: Female	DAY ON TEST: 640
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 98266
ORGAN AND ACCOUNTABLE SITE STATUS			
[Carcinoma TGLS = 1-21] [Cyst TGLS = 2-8] * Nose * Pituitary Gland [Angiectasis TGLS = 11-1] [Cyst TGLS = 11-1] [Hyperplasia TGLS = 11-1] * Spleen * Urinary Bladder		Cyst	Minimal
		Inflammation	Chronic, Minimal
		Angiectasis	Minimal
		Cyst	Minimal
		Hyperplasia	Focal, Mild
		Pigmentation	Minimal
		Hemorrhage	Mild
		Inflammation	Chronic, Marked
PRIMARY CAUSE OF DEATH	- Urinary Bladder Inflammation		
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Ileum Inflammation;Kidney Hydronephrosis		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	TRT#: 7	SEX: Female	DAY ON TEST: 441
	DOSE: 500 MG/L	DISP: Moribund Sacrifice	HISTO: 96097
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow		Hyperplasia	Mild
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 346

TRT#: 7

SEX: Female

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 101000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 6-6]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: A SMALL FOCAL AREA OF ALVEOLAR EPITHELIAL HYPERPLASIA IS PRESENT ADJACENT TO A LONGITUDINAL SEGMENT OF AN ARTERY			
[Alveolar/Bronchiolar Adenoma TGLS = 7-25]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21,3-22,4-23]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 346	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 101000
ORGAN AND ACCOUNTABLE SITE STATUS			
* Uterus [Polyp Stromal TGLS = 5-24]	Polyp Stromal		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 347	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 101001
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Clitoral Gland	* Lymph Node, Mandibular		
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
Note: PERIVASCULAR HEMORRHAGE BELIEVED TO BE TERMINAL EVENT AND NOT DIAGNOSED			
Note: ANGIECTASIS ASSOCIATED WITH A FOCUS IS NOT DIAGNOSED			
* Lung		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic, Minimal
* Mammary Gland		Cyst Fibroadenoma Hyperplasia	Mild Atypical, Minimal
[Cyst TGLS = 1-8,2-21]			
[Fibroadenoma TGLS = 3-22]			
* Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis	 Mild
[Adenoma TGLS = 4-1]			
[Angiectasis TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	TRT#: 7	SEX: Female	DAY ON TEST: 651
	DOSE: 500 MG/L	DISP: Moribund Sacrifice	HISTO: 98656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING
* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.
* Intestine Small, Jejunum

OBSERVATIONS			
* Brain		Compression	Moderate
[Compression TGLS = 8-1]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 4-23]			
[Mixed Cell Focus TGLS = 4-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Congestion	Mild
[Congestion TGLS = 6-3]			
* Mammary Gland		Cyst	Marked
		Fibroadenoma	Multiple
[Cyst TGLS = 2-22,3-8]			
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 10-25]			
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 348	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 651 HISTO: 98656
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			
* Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Brain Compression		
Animal Note: TGL1, LISTED AS SKIN IS ACTUALLY MAMMARY TISSUE			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 349

TRT#: 7

SEX: Female

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 101002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex Note: SLIGHT ANGIECTASIS OR CONGESTION OF ADRENAL CORTEX IS NOT DIAGNOSED [Hypertrophy TGLS = 7-10]	Hypertrophy	Focal, Minimal
* Heart	Cardiomyopathy	Mild
* Kidney	Nephropathy	Moderate
* Liver Note: TGL10; LIVER DEFORMITY, ABNORMAL FISSURES AND LOBULATIONS ARE NOT ROUTINELY DIAGNOSED	Clear Cell Focus	
* Lung [Infiltration Cellular TGLS = 8-2]	Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic, Minimal
* Mammary Gland [Cyst TGLS = 2-22,4-8] [Fibroadenoma TGLS = 1-21,2-22,3-23]	Cyst Fibroadenoma	Mild Multiple
* Ovary [Cyst TGLS = 5-7]	Cyst	Minimal
* Pancreas [Atrophy TGLS = 6-7]	Atrophy Cyst	Moderate Minimal
* Pituitary Gland	Pars Distalis Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	TRT#: 7 DOSE: 500 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 101002
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 9-1] [Angiectasis TGLS = 9-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 350

TRT#: 7

SEX: Female

DAY ON TEST: 506

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 96098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Lung	Congestion	Mild
	Infiltration Cellular	Histiocyte, Minimal
[Congestion TGLS = 2-2]		
* Mammary Gland	Cyst	Minimal
[Cyst TGLS = 1-8]		
* Spleen	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING
* Lymph Node, Mandibular

OBSERVATIONS		
* Clitoral Gland	Cyst	Mild
	Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]		
[Inflammation TGLS = 1-8]		
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Carcinoma	
[Clear Cell Focus TGLS = 8-6]		
[Hepatocellular Carcinoma TGLS = 9-25]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
	Infiltration Cellular	Histiocyte, Minimal
[Hepatocellular Carcinoma TGLS = 11-2,11-26]		
* Mammary Gland	Cyst	Minimal
	Fibroadenoma	Multiple
[Cyst TGLS = 2-8]		
[Fibroadenoma TGLS = 3-21,4-22,5-23,6-24]		
* Pituitary Gland	Pars Distalis	Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 351	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100812
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 10-1] [Angiectasis TGLS = 10-1]	Pars Distalis	Angiectasis	Mild
* Thyroid Gland Vagina [Cyst TGLS = 7-7]	C Cell	Hyperplasia Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	TRT#: 8	SEX: Female	DAY ON TEST: 682
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 100813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Bone	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING	
* Lymph Node, Mandibular	

OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Focal, Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Note: DIAGNOSIS OF ALVEOLAR EPITHELIAL HYPERPLASIA COMPLICATED BY THE HYPERCELLULARITY OF LEUKEMIA			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	TRT#: 8	SEX: Female	DAY ON TEST: 682
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 100813
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibroadenoma TGLS = 2-21,3-22,4-23]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
Vagina		Cyst	
[Cyst TGLS = 10-7]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 353	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100814
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	Vagina

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Infarct	Mild
		Inflammation	Chronic, Mild
		Nephropathy	Mild
Note: INFLAMMATION ALSO INVOLVES THE PELVIS			
[Infarct TGLS = 7-5]			
[Inflammation TGLS = 11-23]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	Minimal
[Clear Cell Focus TGLS = 5-6]			
[Hepatodiaphragmatic Nodule TGLS = 6-21]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	Multiple
		Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Note: THERE ARE 2 NEOPLASTIC LESIONS ON SLIDE 2 AND 1 HYPERPLASTIC LESION ON SLIDE 22			
[Alveolar/Bronchiolar Carcinoma TGLS = 9-2]			
[Hyperplasia TGLS = 8-22]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 353	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100814
ORGAN AND ACCOUNTABLE SITE STATUS			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 4-7]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
[Cyst TGLS = 10-1]			
* Uterus		Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: TGL 3= NCL (No Corresponding Lesion)			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 354	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100848
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
* Eye		Cataract	Minimal
[Cataract TGLS = 5-44]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Nephropathy	Minimal
Note: THE SLIGHT INFLAMMATORY REACTION IS LOCATED PREDOMINATELY IN THE PELVIS			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-5]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 354	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100848
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 3-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Vagina		Cyst	
[Cyst TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	TRT#: 8	SEX: Female	DAY ON TEST: 602
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 98139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-3]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Parathyroid Gland		Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 6-1]			
[Angiectasis TGLS = 6-1]			
[Cyst TGLS = 6-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 355	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 602 HISTO: 98139
ORGAN AND ACCOUNTABLE SITE STATUS			
* Skin [Hemorrhage TGLS = 5-22]		Hemorrhage	Minimal
* Spleen [Leukemia Mononuclear TGLS = 2-6]		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 356	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 566 HISTO: 97609
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Brain	* Esophagus	* Eye
* Harderian Gland	* Kidney	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Spleen			
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-21]			
* Heart	Valve	Cardiomyopathy	Mild
[Inflammation TGLS = 8-5]		Inflammation	Suppurative, Marked
* Liver	Centrilobular	Necrosis	Mild
* Lung		Hemorrhage	Mild
[Hemorrhage TGLS = 4-2]			
* Mammary Gland		Cyst	Minimal
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 6-22]			
PRIMARY CAUSE OF DEATH	- Heart Valve Inflammation		
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Squamous Cell Papilloma		
Animal Note: TGL5 MEDIASTINAL LYMPH NODE IS ON SLIDE 3 INSTEAD OF SLIDE 4			
Animal Note: TGL 3 = NCL (No Corresponding Lesion)			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 357	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 679 HISTO: 100815
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Minimal
* Heart		Thrombosis	Moderate
[Thrombosis TGLS = 10-5]			
* Intestine Large, Colon		Edema	Minimal
		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	Minimal
[Hepatodiaphragmatic Nodule TGLS = 7-21]		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 9-3]			
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 2-8]			
* Nose		Inflammation	Chronic, Minimal
* Skin	Pinna	Neural Crest Tumor	
[Neural Crest Tumor TGLS = 11-23]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 357	TRT#: 8	SEX: Female	DAY ON TEST: 679
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 100815
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 6-6]			
* Stomach, Glandular		Edema	Minimal
		Erosion	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Heart Thrombosis		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 358

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Granulomatous, Minimal
* Lung		Congestion	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Congestion TGLS = 2-2]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild

Note: LOCALIZED AREA OF HYPERPLASIA ALSO INVOLVES HISTIOCYTES

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 359	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100817
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hypertrophy Cardiomyopathy	Fatty, Minimal Focal, Minimal Minimal
* Heart		Nephropathy	Mild
* Kidney		Basophilic Focus Clear Cell Focus Eosinophilic Focus Inflammation	Granulomatous, Minimal
* Liver		Infiltration Cellular Inflammation Cyst Fibroadenoma	Histiocyte, Minimal Chronic, Minimal Mild Multiple
Note: TGL3;LIVER NODULE; BELIEVED TO BE THE RESULT OF ABNORMAL FISSURE AND LOBULATION AND NOT DIAGNOSED			
* Lung			
* Mammary Gland			
[Cyst TGLS = 1-21]			
[Fibroadenoma TGLS = 1-21,2-22]			
* Ovary		Cyst	Minimal
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Adenoma	
Note: FOLLICULAR AND C-CELL ADENOMAS ARE BOTH PRESENT ON SLIDE 3.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 359	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100817
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Bone	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	Moderate
[Compression TGLS = 12-1]			
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 3-22]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6,10-25]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 7-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-5]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 360	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100818
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst TGLS = 1-8] [Fibroadenoma TGLS = 2-21,3-22,4-23,11-24]		Hyperplasia	Atypical, Mild
* Pancreas [Adenoma TGLS = 6-7]	Acinus	Adenoma	
* Pituitary Gland [Adenoma TGLS = 13-1]	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild
* Spleen [Leukemia Mononuclear TGLS = 5-6]		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 361	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100819
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
MISSING			
Lymph Node			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia Hypertrophy	Fatty, Minimal Focal, Minimal Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 7-6]			
* Lung		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic, Minimal
* Mammary Gland		Cyst Fibroadenoma Hyperplasia	Minimal Multiple Atypical, Mild
[Cyst TGLS = 6-8]			
[Fibroadenoma TGLS = 1-21,2-22,3-23,4-24,5-25]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 362	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100820
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Bone Marrow		Histiocytic Sarcoma	
* Clitoral Gland		Cyst	Minimal
		Hyperplasia	Mild
[Cyst TGLS = 1-8]			
[Hyperplasia TGLS = 1-8]			
* Intestine Large, Colon		Edema	Mild
* Islets, Pancreatic		Metaplasia	Hepatocyte, Mild
* Kidney		Nephropathy	Minimal
* Liver		Histiocytic Sarcoma	
	Bile Duct	Hyperplasia	Mild
[Histiocytic Sarcoma TGLS = 12-6,13-6]			
* Lung		Histiocytic Sarcoma	
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: DIAGNOSIS OF ALVEOLAR HYPERPLASIA MADE DIFFICULT BY NEOPLASIA AND INFLAMMATION			
[Histiocytic Sarcoma TGLS = 18-2]			
Lymph Node	Pancreatic	Histiocytic Sarcoma	
	Mediastinal	Hyperplasia	Lymphoid, Minimal
Note: SLIGHT ECTASIA ACCOMPANIES THE HYPERPLASIA IN THE MEDIASTINAL AND MESENTERIC NODES			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 362	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100820
ORGAN AND ACCOUNTABLE SITE STATUS			
[Histiocytic Sarcoma TGLS = 9-7]			
[Hyperplasia TGLS = 16-3]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 15-5]			
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 2-8,5-23]			
[Fibroadenoma TGLS = 3-21,4-22,6-24]			
* Nose		Inflammation	Chronic, Minimal
* Ovary		Cyst	Minimal
[Cyst TGLS = 7-7]			
* Pancreas		Atrophy	Mild
* Pituitary Gland		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 19-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Histiocytic Sarcoma TGLS = 10-6]			
Vagina		Inflammation	Minimal
[Inflammation TGLS = 8-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 363

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	Ear	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Mild
[Compression TGLS = 13-1]			
* Clitoral Gland		Cyst	Minimal
		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Degeneration	Cystic, Mild
		Hepatodiaphragmatic Nodule	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: ANGIECTASIS IS PRESENT IN THE FOCAL AREA OF CYSTIC DEGENERATION			
[Hepatodiaphragmatic Nodule TGLS = 10-25]			
[Leukemia Mononuclear TGLS = 9-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Note: THE ADENOMA IS IN THE CENTRAL PART OF THE HYPERPLASTIC LESION			
[Alveolar/Bronchiolar Adenoma TGLS = 11-2]			
[Leukemia Mononuclear TGLS = 12-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 363	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100821
ORGAN AND ACCOUNTABLE SITE STATUS			
* Mammary Gland [Fibroadenoma TGLS = 2-21,3-22,4-23,5-24]		Cyst Fibroadenoma	Minimal Multiple
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland [Adenoma TGLS = 14-1]	Pars Distalis	Adenoma	
* Spleen [Leukemia Mononuclear TGLS = 8-6]		Leukemia Mononuclear	
* Uterus Note: TGL7; BLOOD IS PRESENT IN THE CYST IN THE UTERUS [Cyst TGLS = 7-7]		Cyst	Minimal
Vagina [Inflammation TGLS = 6-7]		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 364	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 100822
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 5-6]			
* Lung	Alveolar Epith	Hyperplasia	Marked
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Hyperplasia TGLS = 6-2]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-21]			
* Pancreas		Atrophy	Minimal
		Cyst	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-7]			
Vagina		Cyst	
[Cyst TGLS = 3-7]			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 364	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100822

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 365

TRT#: 8

SEX: Female

DAY ON TEST: 651

DOSE: 1000 MG/L

DISP: Moribund Sacrifice

HISTO: 98654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Parathyroid Gland
* Salivary Glands	* Skin	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration Leukemia Mononuclear	Fatty, Moderate
* Brain		Hemorrhage	Minimal
Note: TGL10, BRAIN HEMORRHAGE IS LOCATED CLOSER TO THE CEREBELLUM THAN THE CEREBRUM [Hemorrhage TGLS = 10-1]			
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Infiltration Cellular Inflammation Leukemia Mononuclear Leukemia Mononuclear	Histiocyte, Minimal Chronic, Minimal
Lymph Node	Mediastinal		
[Leukemia Mononuclear TGLS = 9-3]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-5]			
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 3-8]			
* Nose		Inflammation	Suppurative, Mild
Note: THE INFLAMMATORY PROCESS IS LOCATED BETWEEN THE NASAL CAVITY AND THE ROOF OF THE MOUTH			
* Ovary		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 365	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 651 HISTO: 98654
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland [Cyst TGLS = 11-1]	Pars Distalis	Cyst	Mild
* Spleen [Leukemia Mononuclear TGLS = 6-6]		Leukemia Mononuclear	
* Stomach, Forestomach		Edema Ulcer	Mild Mild
* Stomach, Glandular		Edema Ulcer	Mild Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus Note: TGL5, UTERINE CYST IS FILLED WITH BLOOD [Cyst TGLS = 5-7]		Cyst	Minimal
Vagina		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100823
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
* Clitoral Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Mild
[Inflammation TGLS = 7-2]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 3-8]			
[Fibroadenoma TGLS = 2-21,4-22,5-23,6-24]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 8-1]			
[Angiectasis TGLS = 8-1]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 366	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100823
ORGAN AND ACCOUNTABLE SITE STATUS			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 367

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration Hyperplasia Hypertrophy Leukemia Mononuclear	Fatty, Mild Focal, Minimal Focal, Moderate
Note: SMALL FOCAL AREA OF NECROSIS IN THE CORTEX IS NOT DIAGNOSED			
* Adrenal Medulla		Leukemia Mononuclear Pheochromocytoma Benign	
Note: DIAGNOSIS OF PHEOCHROMOCYTOMA BASED ON SLIGHT COMPRESSION AND A FEW MITOTIC FIGURES			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Minimal
[Leukemia Mononuclear TGLS = 8-6]			
* Lung	Alveolar Epith	Hyperplasia Infiltration Cellular Inflammation Leukemia Mononuclear Leukemia Mononuclear	Moderate Histiocyte, Minimal Chronic, Minimal
* Lymph Node, Mesenteric			
[Leukemia Mononuclear TGLS = 7-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 367	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100824
ORGAN AND ACCOUNTABLE SITE STATUS			
* Mammary Gland [Cyst TGLS = 1-8] [Fibroadenoma TGLS = 2-21,3-23]		Cyst Fibroadenoma	Minimal
Mesentery [Necrosis TGLS = 6-22]	Fat	Necrosis	Mild
* Ovary		Cyst	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland [Adenoma TGLS = 10-1] [Angiectasis TGLS = 10-1]	Pars Distalis Pars Distalis	Adenoma Angiectasis Leukemia Mononuclear	Mild
* Spleen [Leukemia Mononuclear TGLS = 5-6]		Leukemia Mononuclear	
* Thymus [Leukemia Mononuclear TGLS = 9-3]		Leukemia Mononuclear	
* Thyroid Gland Vagina [Inflammation TGLS = 4-7]	C Cell	Hyperplasia Inflammation	Mild Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 368	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100825
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 7-24]			
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,2-22,3-23]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 4-7]			
* Pancreas		Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING
* Lymph Node, Mandibular

OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland		Cyst	Minimal
		Hyperplasia	Minimal
[Cyst TGLS = 4-8]			
[Hyperplasia TGLS = 4-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
Note: TGL5;LIVER MASS;BELIEVED TO HAVE RESULTED FROM AN ABNORMAL FISSURE, ALTHOUGH FOCI ARE PRESENT			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: TGL6; FOCUS IN THE LUNG; BELIEVED TO BE SMALL AGGREGATE OF HISTIOCYTES ADJACENT TO THE PLEURA			
[Infiltration Cellular TGLS = 6-25.1]			
* Mammary Gland		Cyst	Moderate
		Fibroadenoma	Multiple
[Cyst TGLS = 1-21]			
[Fibroadenoma TGLS = 2-22,3-23]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 369	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100826
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst TGLS = 7-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	TRT#: 8	SEX: Female	DAY ON TEST: 651
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 98655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	Ear	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING
* Lymph Node, Mandibular

OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Mild
[Cyst TGLS = 1-8]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 4-1]			
[Angiectasis TGLS = 4-1]			
* Salivary Glands		Inflammation	Moderate
Note: TGL2-8 APPEARS TO BE AN ABSCESS			
[Inflammation TGLS = 2-8]			
* Spleen		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	
Zymbal's Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 370	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 651 HISTO: 98655
ORGAN AND ACCOUNTABLE SITE STATUS			
[Carcinoma TGLS = 3-21]			
PRIMARY CAUSE OF DEATH	- Zymbal's Gland Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 371	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 679 HISTO: 100827
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 8-10]		
* Adrenal Medulla		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 8-10]		
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
	[Hemorrhage TGLS = 11-1]		
* Clitoral Gland		Carcinoma	
	[Carcinoma TGLS = 4-22]		
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 9-6]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	TRT#: 8	SEX: Female	DAY ON TEST: 679
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 100827
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 10-3]			
[Leukemia Mononuclear TGLS = 6-7]			
* Mammary Gland		Cyst Hyperplasia	Minimal Lobular, Moderate
[Cyst TGLS = 2-8]			
[Hyperplasia TGLS = 3-21]			
* Ovary		Leukemia Mononuclear	
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Stomach, Glandular		Ulcer	Mild
[Ulcer TGLS = 12-4]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 372	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100828
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hepatocellular Adenoma	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 5-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 9-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100828
ORGAN AND ACCOUNTABLE SITE STATUS			
[Angiectasis TGLS = 9-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 10-4]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus		Cyst	Minimal
Note: CYST IN THE UTERINE MUCOSA CONTAINS BLOOD			
[Cyst TGLS = 7-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING
* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Metaplasia	Hepatocyte, Marked
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: TWO FOCI OF HYPERPLASIA IN DIFFERENT LOBE THAN THE ADENOMA			
[Alveolar/Bronchiolar Adenoma TGLS = 5-2]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
		Hyperplasia	Atypical, Minimal
[Cyst TGLS = 2-8]			
[Fibroadenoma TGLS = 1-21,3-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-23]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 373	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 100829
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 6-1] [Angiectasis TGLS = 6-1]	Pars Distalis	Angiectasis	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 374	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 637 HISTO: 98265
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Spleen	* Stomach, Glandular	* Thyroid Gland

OBSERVATIONS

* Brain [Compression TGLS = 4-1]		Compression	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland [Cyst TGLS = 1-8]		Cyst	Mild
* Pituitary Gland Note: TGL5; AUTOLYSIS CREATES A PROBLEM WITH THE DIAGNOSIS IN THE PITUITARY [Carcinoma TGLS = 5-1]	Pars Distalis	Carcinoma	

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Carcinoma
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* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING
* Lymph Node, Mandibular

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
		Cyst	Mild
* Clitoral Gland		Cardiomyopathy	Minimal
* Heart		Nephropathy	Mild
* Kidney		Basophilic Focus	
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 6-23]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,2-22]			
* Pancreas	Acinus	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 5-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 375	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100830
ORGAN AND ACCOUNTABLE SITE STATUS			
[Hyperplasia TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Bilateral	Polyp Stromal	
[Polyp Stromal TGLS = 3-7,4-7]			
Vagina		Cyst	Mild
[Cyst TGLS = 7-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 376

TRT#: 8

SEX: Female

DAY ON TEST: 664

DOSE: 1000 MG/L

DISP: Moribund Sacrifice

HISTO: 98736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain		Compression	Minimal
[Compression TGLS = 9-1]			
* Clitoral Gland		Cyst	Minimal
[Cyst TGLS = 1-8]			
* Eye		Inflammation	Chronic, Mild
[Inflammation TGLS = 12-44]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
[Nephropathy TGLS = 4-5]			
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 5-22,13-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Deep Cervical	Hyperplasia	Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 8-21]			
[Hyperplasia TGLS = 7-3]			
* Mammary Gland		Cyst	Minimal
* Nose		Foreign Body	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	TRT#: 8	SEX: Female	DAY ON TEST: 664
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 98736
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Atrophy	Mild
* Spleen		Adenoma	
* Thyroid Gland	C Cell	Hematopoietic Cell Proliferation	Mild
Vagina		Hyperplasia	Minimal
Zymbal's Gland		Inflammation	Minimal
Note: TGL10, IS ZYMBAL S GLAND INSTEAD OF TRIGEMINAL NERVE		Carcinoma	
[Carcinoma TGLS = 10-23]			
PRIMARY CAUSE OF DEATH	- Zymbal's Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 377

TRT#: 8

SEX: Female

DAY ON TEST: 395

DOSE: 1000 MG/L

DISP: Moribund Sacrifice

HISTO: 96094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
Note: TGL6, DEFORMITY OF LIVER IS BELIEVED TO RESULT FROM LEUKEMIA			
[Leukemia Mononuclear TGLS = 6-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: DIAGNOSIS OF HYPERPLASIA IN THE LUNG IS MADE DIFFICULT BY THE LEUKEMIA			
[Leukemia Mononuclear TGLS = 9-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-2]			
[Leukemia Mononuclear TGLS = 5-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Note: TGL4 IS BELIEVED TO BE MESENTERIC LYMPH NODE INSTEAD OF MESENTERIC FAT			
[Leukemia Mononuclear TGLS = 4-21,7-5]			
* Mammary Gland		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	TRT#: 8	SEX: Female	DAY ON TEST: 395
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 96094
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst TGLS = 1-22]			
* Ovary		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Intermed	Cyst	Minimal
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 378

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
* Clitoral Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Infiltration Cellular TGLS = 5-2]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,2-22]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 3-7]			
* Pancreas		Atrophy	Minimal
* Uterus		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 378	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100831

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SLIGHT CYSTIC HYPERPLASIA ACCOMPANIES THE INFLAMMATION--NOT DIAGNOSED

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 379	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 580 HISTO: 97727
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Carcinoma	
		Cyst	Minimal
[Carcinoma TGLS = 2-21]			
[Cyst TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Clitoral Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 380

TRT#: 8

SEX: Female

DAY ON TEST: 664

DOSE: 1000 MG/L

DISP: Moribund Sacrifice

HISTO: 98737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Mild
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 3-23]			
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-24]			
[Leukemia Mononuclear TGLS = 9-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-25]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21,2-22]			
Mesentery		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 380	TRT#: 8	SEX: Female	DAY ON TEST: 664
	DOSE: 1000 MG/L	DISP: Moribund Sacrifice	HISTO: 98737
ORGAN AND ACCOUNTABLE SITE STATUS			
* Salivary Glands		Inflammation	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Forestomach		Erosion	Minimal
	Epithelium	Hyperplasia	Minimal
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 10-26]			
Vagina		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Tongue Squamous Cell Papilloma		
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Carcinoma		
Animal Note: A MASS OF FOREIGN MATERIAL AND CELLULAR DEBRIS IS PRESENT ON SLIDE NUMBER 8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING
* Lymph Node, Mandibular

OBSERVATIONS			
* Clitoral Gland		Cyst	Minimal
[Cyst TGLS = 3-8]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 8-25]			
[Hepatodiaphragmatic Nodule TGLS = 7-24]			
[Mixed Cell Focus TGLS = 6-23]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 5-7]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Cyst TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100832
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibroadenoma TGLS = 2-21,4-22,10-26]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 9-1]			
[Angiectasis TGLS = 9-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 382	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 577 HISTO: 97728
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Mild
* Heart		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 8-6]			
[Leukemia Mononuclear TGLS = 8-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-7-1]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-5]			
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
[Cyst TGLS = 3-8]			
[Fibroadenoma TGLS = 4-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 382	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 577 HISTO: 97728
ORGAN AND ACCOUNTABLE SITE STATUS			
* Ovary [Cyst TGLS = 5-7]		Cyst	Mild
* Pancreas		Atrophy	Minimal
* Spleen [Leukemia Mononuclear TGLS = 7-6]		Leukemia Mononuclear	
* Uterus [Cyst TGLS = 10-22]	Cervix	Cyst	
Vagina [Cyst TGLS = 10-22]		Cyst	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 383	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 621 HISTO: 98200
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone		Osteosarcoma	
Note: NEOPLASTIS BONE MASS ON SLIDE 24 APPEARS TO BE VENTRAL TO A VERTEBRA [Osteosarcoma TGLS = 5-22,5-22-1]			
* Eye		Inflammation	Chronic, Minimal
Note: TGL8, EYE LESION IS ON SLIDE 44 INSTEAD OF 12 [Inflammation TGLS = 8-44]			
* Liver	Bile Duct Serosa	Hyperplasia Osteosarcoma	Minimal Metastatic (Bone)
[Osteosarcoma TGLS = 12-6]			
* Lung		Infiltration Cellular Osteosarcoma	Histiocyte, Minimal Metastatic (Bone)
[Osteosarcoma TGLS = 3-2]			
Lymph Node	Mediastinal	Osteosarcoma	Metastatic (Bone)
Mesentery		Osteosarcoma	Metastatic (Bone)
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 9-1]			
Skeletal Muscle		Osteosarcoma	Metastatic (Bone)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 383	TRT#: 8	SEX: Female	DAY ON TEST: 621
	DOSE: 1000 MG/L	DISP: Natural Death	HISTO: 98200

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL6, TISSUE NOS, IS DOCUMENTED AS SKELETAL MUSCLE [Osteosarcoma TGLS = 4-21,6-23]			
* Spleen	Capsule	Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 7-6]			
* Stom Forestom			
Note: TGL10, GROSS LESIONS DESCRIBED IN THE STOMACH MAY BE THE RESULT OF AUTOLYSIS			
PRIMARY CAUSE OF DEATH	- Bone Osteosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	TRT#: 8	SEX: Female	DAY ON TEST: 254
	DOSE: 1000 MG/L	DISP: Natural Death	HISTO: 94169
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Intestine Small, Jejunum			
OBSERVATIONS			
* Lung		Congestion	Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100833
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
Oral Mucosa	Pharyngeal	Squamous Cell Papilloma	
Note: SMALL ABSCESS IS PRESENT ADJACENT TO THE PAPILLOMA			
[Squamous Cell Papilloma TGLS = 4-23]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 2-22]			
Vagina		Cyst	
[Cyst TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 386	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 682 HISTO: 100834
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Leukemia Mononuclear	Fatty, Mild
[Leukemia Mononuclear TGLS = 9-10]			
* Adrenal Medulla		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-10]			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Minimal
[Leukemia Mononuclear TGLS = 10-6]			
* Lung	Alveolar Epith	Hyperplasia Leukemia Mononuclear Leukemia Mononuclear	Mild
Lymph Node	Pancreatic		
[Leukemia Mononuclear TGLS = 8-7]			
* Mammary Gland		Cyst Fibroadenoma	Minimal Multiple
[Cyst TGLS = 3-8]			
[Fibroadenoma TGLS = 2-22,5-23]			
* Nose		Inflammation	Chronic, Minimal
* Ovary		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 386	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 682 HISTO: 100834
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Cyst	Mild Minimal
[Adenoma TGLS = 11-1] [Angiectasis TGLS = 11-1]			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-24]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 387

TRT#: 8

SEX: Female

DAY ON TEST: 622

DOSE: 1000 MG/L

DISP: Moribund Sacrifice

HISTO: 98201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Islets, Pancreatic		Metaplasia	Hepatocyte, Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hyperplasia TGLS = 4-6]			
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: TGL7, MEDIASTINAL LYMPH NODE IS ON SLIDE 3 INSTEAD OF SLIDE 7-1			
[Leukemia Mononuclear TGLS = 6-7-1]			
[Leukemia Mononuclear TGLS = 7-3]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Cyst	Mild
		Hyperplasia	Mild
[Cyst TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 387	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 622 HISTO: 98201
ORGAN AND ACCOUNTABLE SITE STATUS			
[Hyperplasia TGLS = 2-21]			
* Ovary		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
		Hyperplasia	Focal, Minimal
* Salivary Glands		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3]			
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 388	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 100835
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Astrocytoma Malignant	
		Necrosis	Minimal
Note: SMALL SUBTLE NEOPLASTIC PROCESS LOCATED ADJACENT TO THE HIPPOCAMPUS AND LATERAL VENTRICLE			
Note: SMALL FOCAL AREA OF NECROTIC CELLS IN THE HIPPOCAMPUS ON THE OPPOSITE SIDE OF THE NEOPLASTIC PROCESS			
* Clitoral Gland		Cyst	Minimal
[Cyst TGLS = 5-8]			
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Infarct	Mild
		Leukemia Mononuclear	
		Nephropathy	Minimal
[Infarct TGLS = 11-5,12-25]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 388	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 100835
ORGAN AND ACCOUNTABLE SITE STATUS			
Note: DIAGNOSIS FOR MULTIFOCAL AREAS OF ALVEOLAR EPITHELIAL HYPERPLASIA MADE DIFFICULT BY THE LEUKEMIA		Inflammation	Chronic, Minimal
Lymph Node		Leukemia Mononuclear	
Deep Cervical		Leukemia Mononuclear	
Pancreatic		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 14-24]			
[Leukemia Mononuclear TGLS = 8-7]			
* Mammary Gland		Cyst	Minimal
[Cyst TGLS = 1-8]		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2-21,3-22,4-23]			
* Ovary		Leukemia Mononuclear	
* Pituitary Gland		Cyst	Minimal
Pars Distalis		Leukemia Mononuclear	
[Cyst TGLS = 15-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-3]			
* Thyroid Gland		Hyperplasia	Mild
Vagina		Inflammation	Mild
[Inflammation TGLS = 7-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
Note: TGL7; LIVER DEFORMITY; BELIEVED TO BE ABNORMAL FISSURE AND LOBULATION, WHICH IS NOT DIAGNOSED			
[Clear Cell Focus TGLS = 5-6]			
[Eosinophilic Focus TGLS = 6-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Cyst TGLS = 3-8]			
[Fibroadenoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 389	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100836
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	[Adenoma TGLS = 10-1]		
	[Angiectasis TGLS = 10-1]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-6]		
* Thymus			
	Note: TGL8;ENLARGED THYMUS; ENTERED AS MEDIASTINAL NODE INSTEAD OF THYMUS		
Vagina		Cyst	
	[Cyst TGLS = 9-7]		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Cardiomyopathy	Minimal
* Heart		Nephropathy	Mild
* Kidney		Basophilic Focus	
* Liver		Clear Cell Focus	
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 3-6]			
[Inflammation TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
[Cyst TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-22]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 390	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 100837
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING
* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Degeneration	Fatty, Minimal
	Hypertrophy	Focal, Minimal
	Compression	Mild
* Brain		
[Compression TGLS = 9-1]		
* Clitoral Gland	Adenoma	
[Adenoma TGLS = 2-8]		
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Clear Cell Focus	
	Eosinophilic Focus	
[Basophilic Focus TGLS = 5-6]		
[Eosinophilic Focus TGLS = 4-6]		
* Lung	Alveolar/Bronchiolar Carcinoma	
	Infiltration Cellular	Histiocyte, Minimal
	Inflammation	Chronic, Minimal
Note: TGL6 AND TGL7 ARE CONSIDERED TO BE THE SAME LESION IN THE LUNG		
[Alveolar/Bronchiolar Carcinoma TGLS = 6-22,7-23]		
* Mammary Gland	Cyst	Minimal
	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 391	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100838
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst TGLS = 3-8]			
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 8-1]			
[Angiectasis TGLS = 8-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ear	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Degeneration Hypertrophy Necrosis	Fatty, Mild Focal, Minimal Moderate
[Degeneration TGLS = 5-10]			
[Necrosis TGLS = 5-10]			
* Clitoral Gland		Cyst Inflammation	Minimal Chronic, Mild
Note: HEMORRHAGE ACCOMPANIES THE INFLAMMATORY REACTION IN ONE GLAND,WHEREAS THE OTHER GLAND IS CYSTIC			
[Cyst TGLS = 2-22]			
[Inflammation TGLS = 2-22]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus Leukemia Mononuclear Necrosis	Focal, Minimal
[Leukemia Mononuclear TGLS = 7-6]			
* Lung	Alveolar Epith	Hyperplasia Infiltration Cellular Inflammation	Mild Histiocyte, Minimal Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 392	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100839
ORGAN AND ACCOUNTABLE SITE STATUS			
Lymph Node [Leukemia Mononuclear TGLS = 6-3]	Mediastinal	Leukemia Mononuclear	
* Mammary Gland [Fibroadenoma TGLS = 1-21,3-23]		Fibroadenoma	Multiple
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	Minimal
* Spleen [Leukemia Mononuclear TGLS = 4-6]		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 393	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100840
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
* Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Minimal
[Infiltration Cellular TGLS = 5-2,5-23,6-24]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-21]			
* Ovary		Cyst	Mild
[Cyst TGLS = 1-7]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 7-7]			
Vagina		Cyst	
[Cyst TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 393	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100840
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 394

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 1000 MG/L

DISP: Terminal Sacrifice

HISTO: 100841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: SLIGHT ANGIECTASIS ASSOCIATED WITH FOCUS AND WAS NOT DIAGNOSED [Leukemia Mononuclear TGLS = 10-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Carcinoma	
		Cyst	Moderate
		Fibroadenoma	Multiple
Note: SMALL CARCINOMA LOCATED IN THE MIDDLE OF FIBROADENOMA ON SLIDE 21 [Carcinoma TGLS = 1-21] [Cyst TGLS = 3-8] [Fibroadenoma TGLS = 2-22,4-23,5-24,6-25,7-26,8-27]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Dibromoacetic acid)

CAS Number: 631-64-1

Date Report Requested: 10/20/2014

Time Report Requested: 02:48:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 394	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100841
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 11-3]			
Vagina		Inflammation	Minimal
[Inflammation TGLS = 12-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 395	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 100842
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Degeneration	Fatty, Minimal
	Hypertrophy	Focal, Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Clear Cell Focus	
[Basophilic Focus TGLS = 5-6]		
* Lung	Infiltration Cellular	Histiocyte, Minimal
	Inflammation	Chronic, Minimal
[Inflammation TGLS = 7-23]		
* Mammary Gland	Cyst	Minimal
	Fibroadenoma	Multiple
[Cyst TGLS = 1-8]		
[Fibroadenoma TGLS = 2-21,6-22]		
* Pituitary Gland	Pars Distalis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	TRT#: 8	SEX: Female	DAY ON TEST: 734
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100843
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Uterus		Inflammation	Chronic, Minimal
[Inflammation TGLS = 2-7]			
Vagina		Cyst	
[Cyst TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	TRT#: 8	SEX: Female	DAY ON TEST: 734
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular	* Parathyroid Gland		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
		Cyst	Moderate
* Clitoral Gland			
[Cyst TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2-21,3-22,4-23]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-24]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 6-1]			
[Angiectasis TGLS = 6-1]			
[Cyst TGLS = 6-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 397	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100844
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 398	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100845
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Clitoral Gland	* Lymph Node, Mandibular		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 13-26]			
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: TGL8; LIVER DEFORMITY; ABNORMAL LOBULATION CONSIDERED INSIGNIFICANT AND NOT DIAGNOSED			
* Lung		Congestion	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Congestion TGLS = 11-2]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 10-3]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 9-5]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-8,2-21,3-22,4-23,5-24,6-25,13-26,14-27,15-28]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	TRT#: 8	SEX: Female	DAY ON TEST: 734
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100845
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 12-1] [Angiectasis TGLS = 12-1]	Pars Distalis	Angiectasis	Minimal
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	TRT#: 8	SEX: Female	DAY ON TEST: 734
	DOSE: 1000 MG/L	DISP: Terminal Sacrifice	HISTO: 100847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING			
* Lymph Node, Mandibular			

OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
		Hyperplasia	Atypical, Mild
[Cyst TGLS = 5-8]			
[Fibroadenoma TGLS = 1-21,2-22,3-23,4-24]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Mild
[Necrosis TGLS = 8-25]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
[Cyst TGLS = 12-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 399	TRT#: 8 DOSE: 1000 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 100847
ORGAN AND ACCOUNTABLE SITE STATUS			
[Hyperplasia TGLS = 12-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Cervix	Inflammation	Suppurative, Minimal
Vagina			
Note: TGL7;OPAQUE FLUID; SLOUGHED EPITHELIAL CELLS AND INFLAMMATORY CELLS OBSERVED BUT NOT DIAGNOSED			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96017-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Dibromoacetic acid)
CAS Number: 631-64-1

Date Report Requested: 10/20/2014
Time Report Requested: 02:48:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 622

DOSE: 1000 MG/L

DISP: Moribund Sacrifice

HISTO: 98202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Cyst	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,2-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
[Adenoma TGLS = 6-1]			
[Angiectasis TGLS = 6-1]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus		Deciduoma Nos	
[Deciduoma Nos TGLS = 3-7-1]			
Vagina		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

- Mammary Gland Fibroadenoma

CONTRIBUTORY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE