

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

C Number: C96010A
Lock Date: 10/16/2001
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 04/03/2003

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 2 = No Corresponding Lesion

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

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: 00-91781
---------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* 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
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Adenoma	
	Hypertrophy	Focal, Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Cyst	Moderate
	Nephropathy	Mild
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 3-24]		
[Infiltration Cellular TGLS = 4-23]		
Mesentery	Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-22]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

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: 731 HISTO: 00-91782
---------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* 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	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow	Hyperplasia	Mild
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
Note: MODERATE GLYCOGEN DEPLETION; NOT TABULATED.		
[Hepatocellular Adenoma TGLS = 4-6]		
[Hepatocellular Carcinoma TGLS = 3-21]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Moderate
[Cyst TGLS = 1-8]		
[Inflammation TGLS = 1-8]		
* Prostate	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thyroid Gland	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: MALFORMATION (DYSPLASIA) OF ONE INCISOR TOOTH; NOT TABULATED ON TDMS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91782

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Intestine Small, Duodenum [Adenoma TGLS = 4-21]	Adenoma	
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Cyst	Moderate
	Nephropathy	Mild
* Liver [Hepatocellular Adenoma TGLS = 2-6,2-23]	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
* Lung	Edema	Mild
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Marked
* Preputial Gland	Inflammation	Chronic, Moderate
* Spleen [Hematopoietic Cell Proliferation TGLS = 1-6] [Hyperplasia TGLS = 1-6]	Hematopoietic Cell Proliferation	Moderate
	Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Degeneration	Cystic, Minimal
Tooth	Malformation	
Note: THE TOOTH MALFORMATION IS PRESENT ON SLIDES 9 AND 22. HAIR SHAFT FOREIGN BODY IS EVIDENT ADJACENT TO TOOTH. [Malformation TGLS = 3-22]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

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: 731 HISTO: 00-91784
---------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Ileum	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma Hypertrophy	Focal, Mild
* Int Sm Duoden			
Note: TWO CYSTS ARE PRESENT IN SUBMUCOSA OF THE DUODENAL SECTION ATTACHED TO STOMACH; CONSIDERED INCIDENTAL AND NOT TABULATED.			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia Nephropathy	Minimal Minimal
* Liver		Necrosis	Focal, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Preputial Gland		Cyst	Moderate
Skeletal Muscle		Inflammation	Chronic, Mild
[Infiltration Cellular TGLS = 1-21]		Infiltration Cellular	Lipocyte, Moderate
* Thymus		Atrophy Cyst	Mild Moderate
Tooth			
Note: TOOTH MALFORMATION IN INCISOR TEETH (BILATERAL); NOT TABULATED.			
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 00-91784

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
-------------------------------	---

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 00-91785
---------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Cyst	Moderate
	Metaplasia	Osseous, Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-22]		
* Spleen	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 7	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 301 HISTO: 99-87559
---------------------	---------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Heart
* Mammary Gland	* Nose	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Thymus
---------------------	----------

AUTO PRECLUDES DIAG.

* Bone Marrow	* Gallbladder	* 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
* Pancreas	* Spleen	* Stomach, Forestomach	* Stomach, Glandular

INSUFFICIENT TISSUE

* Thyroid Gland

OBSERVATIONS

* Harderian Gland		Lymphoma Malignant
* Lung		Lymphoma Malignant
Lymph Node	Inguinal	Lymphoma Malignant
		Lymphoma Malignant
[Lymphoma Malignant TGLS = 2-21]		
[Lymphoma Malignant TGLS = 3-22]		
* Lymph Node, Mandibular		Lymphoma Malignant
[Lymphoma Malignant TGLS = 1-8]		
* Salivary Glands		Lymphoma Malignant

PRIMARY CAUSE OF DEATH - Lymph Node, Mandibular Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

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: 729 HISTO: 00-91786
---------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Subcapsular	Adenoma	
* Harderian Gland		Hyperplasia	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	[Hepatocellular Adenoma TGLS = 1-21]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-22]		
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Marked
	[Hematopoietic Cell Proliferation TGLS = 2-5]		
	[Hyperplasia TGLS = 2-5]		
* Preputial Gland		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: MALFORMATION OF INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 638 HISTO: 00-89663
---------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* 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	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Atypia Cellular	Mild
* Harderian Gland		Adenoma	
Note: ADENOMA APPEARS TO BE IN AN EARLY STAGE.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]			
[Hemorrhage TGLS = 7-2]			
[Infiltration Cellular TGLS = 7-2]			
* Lymph Node, Mandibular		Atrophy	Moderate
* Lymph Node, Mesenteric		Atrophy	Moderate
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-22]			
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 2-8]			
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-21]			
* Spleen	Lymph Follic	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 9	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 638 HISTO: 00-89663
---------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 5-6]			
* Testes		Angiectasis	Moderate
	Germinal Epith	Atrophy	Minimal
[Angiectasis TGLS = 4-7]			
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Marked

PRIMARY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma
------------------------	---------------------------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 663

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 00-90122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Thymus
---------------	----------

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Islets, Pancreatic	Hyperplasia	Moderate
* Liver	Eosinophilic Focus	
	Hepatocellular Carcinoma	Multiple
	Pigmentation	Marked
	Kupffer Cell	
[Hepatocellular Carcinoma TGLS = 5-22,6-23]		
* Lung	Edema	Mild
	Hepatocellular Carcinoma	Metastatic (Liver)
	Hemorrhage	Mild
* Lymph Node, Mesenteric	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 4-21]		
* Pancreas	Hepatocellular Carcinoma	Metastatic (Liver)
Note: METASTATIC HEPATOCELLULAR CARCINOMA IS ON SLIDE 5.		
* Preputial Gland	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 663
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 00-90122

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
-------------------------------	----------------------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	[Hepatoblastoma TGLS = 3-22]		
	[Hepatocellular Adenoma TGLS = 2,4-21+23]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 2 = No Corresponding Lesion (NCL)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla	Hyperplasia	Minimal
* Bone Marrow	Hyperplasia	Moderate
* Heart	Inflammation	Chronic, Moderate
* Intestine Large, Cecum	Edema	Mild
* Intestine Small, Jejunum	Carcinoma	
[Carcinoma TGLS = 6-23]		
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Hyperplasia	Lymphoid, Mild
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	

Note: TGL 3-6 APPARENTLY CORRELATES WITH CYTOPLASMIC ALTERATION (INCREASED CYTOPLASMIC EOSINOPHILIA) OF HEPATOCYTES; CHANGE NOT TABULATED .

[Hepatocellular Adenoma TGLS = 7-24]

[Hepatocellular Carcinoma TGLS = 4-21]

* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
* Skin	Ulcer	Marked
[Ulcer TGLS = 5-22]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thymus	Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 00-91788

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
-------------------------------	---

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
Mesentery	* 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

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy Adenoma	Mild Focal, Minimal
* Islets, Pancreatic		Nephropathy	Minimal
* Kidney		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma Tension Lipidosis	Multiple
* Liver			
[Clear Cell Focus TGLS = 2-6]			
[Eosinophilic Focus TGLS = 2-6]			
[Hepatocellular Adenoma TGLS = 2-6]			
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 561 HISTO: 00-88776
----------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Necrosis	Mild
		Nephropathy	Moderate
* Liver		Hepatoblastoma	
	Centrilobular	Hepatocellular Adenoma	
		Necrosis	Moderate
	[Hepatoblastoma TGLS = 1-21,2-6,4-23]		
	[Hepatocellular Adenoma TGLS = 3-22]		
	[Necrosis TGLS = 2-6]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
	[Cyst TGLS = 5-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- Liver Hepatoblastoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 562

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 00-88777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Testes	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 11-26]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hepatocellular Carcinoma	
		Leiomyosarcoma	Metastatic (Mesentery)
		Necrosis	Focal, Moderate
[Hepatocellular Carcinoma TGLS = 5-6]			
[Leiomyosarcoma TGLS = 5-6]			
[Necrosis TGLS = 5-6]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Leiomyosarcoma	Metastatic (Mesentery)
[Hepatocellular Carcinoma TGLS = 12-2]			
[Leiomyosarcoma TGLS = 12-2]			
Lymph Node	Mediastinal	Leiomyosarcoma	Metastatic (Mesentery)
	Renal	Leiomyosarcoma	Metastatic (Mesentery)
[Leiomyosarcoma TGLS = 9-25]			
[Leiomyosarcoma TGLS = 10-2]			
* Lymph Node, Mesenteric		Leiomyosarcoma	Metastatic (Mesentery)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 562 HISTO: 00-88777
----------------------	---------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

[Leiomyosarcoma TGLS = 8-5] Mesentery		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 3-21,4-22,6-23] Skeletal Muscle		Leiomyosarcoma	Metastatic (Mesentery)
[Leiomyosarcoma TGLS = 7-24] * Spleen		Hematopoietic Cell Proliferation Leiomyosarcoma	Mild Metastatic (Mesentery)
[Leiomyosarcoma TGLS = 1-6-1] * Stomach, Forestomach	Epithelium	Hyperplasia Leiomyosarcoma	Mild Metastatic (Mesentery)
[Leiomyosarcoma TGLS = 13-4,14-4] * Stomach, Glandular		Leiomyosarcoma	Metastatic (Mesentery)
[Leiomyosarcoma TGLS = 13-4] * Thymus		Leiomyosarcoma	Metastatic (Mesentery)
* Thyroid Gland		Degeneration	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 3-6]		
[Hepatocellular Adenoma TGLS = 2,3-21,6]		
* Lung	Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular	Pigmentation	Mild
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 00-91791
----------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 2-22]		
[Hepatocellular Adenoma TGLS = 1-21,2-22]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Inflammation	Chronic, Mild
* Thyroid Gland	Degeneration	Cystic, Mild
* Urin Bladder		

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 699

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 00-90776

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Gallbladder	* Pituitary Gland
---------------	-------------------

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Bone Marrow	Hyperplasia	Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Cyst	Moderate
* Liver	Hepatocellular Carcinoma	
Note: HEPATOCELLULAR CARCINOMA IS PRESENT ON SLIDES 6 AND 21. [Hepatocellular Carcinoma TGLS = 2-21]		
* Lung	Hepatocellular Carcinoma Infiltration Cellular	Metastatic (Liver) Histiocyte, Mild
[Hepatocellular Carcinoma TGLS = 4-2]		
* Preputial Gland	Cyst Inflammation	Moderate Chronic, Mild
[Cyst TGLS = 1-8] [Inflammation TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder	Edema	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 18	TRT#: 1	SEX: Male	DAY ON TEST: 699
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 00-90776

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
-------------------------------	----------------------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Kidney	Nephropathy	Mild
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
Note: HEPATOCELLULAR ADENOMA PRESENT ON SLIDES 6 AND 21. [Hepatocellular Adenoma TGLS = 1-21]		
* Lung	Edema	Mild
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric	Hemorrhage	Moderate
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 20	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 00-91793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney	Metaplasia	Osseous, Mild
	Nephropathy	Mild
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Inflammation	Chronic, Mild
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 2-6]			
[Hepatoblastoma TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 3-6]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: BILATERAL MALFORMATION OF INCISOR TEETH; NOT TABULATED ON TDMS SINCE TOOTH IS NOT A PROTOCOL REQUIRED TISSUE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Harderian Gland	Adenoma	
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Metaplasia	Osseous, Minimal
	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-21]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-5]		
* Preputial Gland	Inflammation	Chronic, Mild
* Spleen	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Cyst	Moderate
* Thyroid Gland	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MALFORMATION OF ONE INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Focal, Marked
Note: HEPATOCELLULAR CARCINOMA IS ON SLIDES 6 AND 22.			
			[Hepatocellular Carcinoma TGLS = 4-22]
			[Necrosis TGLS = 5-6]
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Mild
			[Alveolar/Bronchiolar Carcinoma TGLS = 6-23]
			[Hepatocellular Carcinoma TGLS = 7-24,8-25]
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
Mesentery	Fat	Necrosis	Moderate
			[Necrosis TGLS = 2-21]
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
			[Cyst TGLS = 1-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91796

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-8]

* Spleen

Hematopoietic Cell Proliferation

Moderate

[Hematopoietic Cell Proliferation TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

Animal Note: ONE INCISOR TOOTH MODERATELY MALFORMED; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Infarct	Mild
	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	Necrosis	Focal, Minimal
Note: HEPATOCELLUAR ADENOMAS ARE ON SLIDE 6. [Hepatocellular Carcinoma TGLS = 3-21]		
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Moderate
[Cyst TGLS = 1-8]		
[Inflammation TGLS = 1-8]		
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

Animal Note: MODERATE DYSPLASIA OF INCISOR TOOTH; NOT TABULATED.

Animal Note: MODERATE ANGIECTASIS IN BONE MARROW; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 25	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 623 HISTO: 00-89514
----------------------	---------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Trachea		

MISSING

* Parathyroid Gland	* Pituitary Gland	* Thyroid Gland
---------------------	-------------------	-----------------

AUTO PRECLUDES DIAG.

* Adrenal Medulla	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Liver
* Lymph Node, Mesenteric	* Pancreas	* Spleen	* Stomach, Glandular
* Urinary Bladder			

OBSERVATIONS

* Lung Note: MILD THROMBOSIS IN LUNG; NOT TABULATED.	Edema	Moderate
* Preputial Gland [Cyst TGLS = 1-8]	Cyst	Moderate
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: EXCESSIVE ACCUMULATION OF BACTERIA IN NASAL PASSAGES, MAINLY LINING THE MUCOSA; BACTERIA CONSIDERED POST MORTEM CHANGE SINCE NO INFLAMMATION IS EVIDENT.

Animal Note: DYSPLASIA (MALFORMATION) OF INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Degeneration	Fatty, Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Cyst	Moderate
	Metaplasia	Osseous, Moderate
	Nephropathy	Minimal
Note: BONE MARROW ALSO PRESENT ALONG WITH METAPLASTIC BONE IN KIDNEY. MINIMAL PAPILLARY NECROSIS PRESENT IN ONE KIDNEY; NOT TABULATED.		
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6, 21, AND 22. [Hepatocellular Adenoma TGLS = 1-21,2-22]		
* Preputial Gland	Inflammation	Chronic, Mild
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: INCISOR TOOTH MILDLY DYSPLASTIC; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Clear Cell Focus TGLS = 4-6]		
	[Hepatoblastoma TGLS = 6-24]		
	[Hepatocellular Adenoma TGLS = 2,3-21,22]		
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 603

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 00-88975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Inflammation	Chronic, Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 8-23]		
	[Hepatocellular Carcinoma TGLS = 4-21]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Moderate
	[Hepatocellular Carcinoma TGLS = 6-2,6-22]		
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
	[Cyst TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28	TRT#: 1	SEX: Male	DAY ON TEST: 603
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 00-88975

ORGAN AND ACCOUNTABLE SITE STATUS

	Inflammation	Chronic Active, Marked
[Hyperplasia TGLS = 7-4]	Ulcer	Moderate
[Ulcer TGLS = 7-4]		
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: MODERATE DYSPLASIA OF ONE INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Liver | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | |
|----------------------------|-------------|----------------|
| * Harderian Gland | Adenoma | |
| * Islets, Pancreatic | Hyperplasia | Mild |
| * Kidney | Infarct | Minimal |
| | Nephropathy | Mild |
| * Spleen | Hyperplasia | Lymphoid, Mild |
| [Hyperplasia TGLS = 1-6] | | |

PRIMARY CAUSE OF DEATH

-

Animal Note: CHRONIC INFLAMMATION (MODERATE) AND HAIR SHAFT FOREIGN BODY ADJACENT TO INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 5-22]			
* Kidney		Cyst	Moderate
		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-6]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Inflammation	Chronic, Mild
* Skin	Epidermis	Hyperplasia	Moderate
		Ulcer	Moderate
[Hyperplasia TGLS = 1-21]			
[Ulcer TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 661

DOSE: 0 MG/L

DISP: Moribund Sacrifice

HISTO: 00-90123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Eye	* Thymus
-------	----------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Histiocytic Sarcoma	Metastatic (Liver)
* Intestine Large, Cecum		Histiocytic Sarcoma	Metastatic (Liver)
[Histiocytic Sarcoma TGLS = 14-4]			
* Intestine Large, Colon		Histiocytic Sarcoma	Metastatic (Liver)
* Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 7-26]		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-24,10-28]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Histiocytic Sarcoma	Metastatic (Liver)
[Alveolar/Bronchiolar Carcinoma TGLS = 12-2-1]			
Lymph Node	Mediastinal	Histiocytic Sarcoma	Metastatic (Liver)
	Pancreatic	Histiocytic Sarcoma	Metastatic (Liver)
	Renal	Histiocytic Sarcoma	Metastatic (Liver)
[Histiocytic Sarcoma TGLS = 4-24]			
[Histiocytic Sarcoma TGLS = 6-25]			
[Histiocytic Sarcoma TGLS = 13-2]			
* Lymph Node, Mandibular		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 31	TRT#: 1	SEX: Male	DAY ON TEST: 661
	DOSE: 0 MG/L	DISP: Moribund Sacrifice	HISTO: 00-90123

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery [Histiocytic Sarcoma TGLS = 8-5,9-27]	Histiocytic Sarcoma	Metastatic (Liver)
* Pancreas	Histiocytic Sarcoma	Metastatic (Liver)
* Preputial Gland [Cyst TGLS = 2-8]	Cyst	Moderate
* Seminal Vesicle	Histiocytic Sarcoma	Metastatic (Liver)
Skeletal Muscle [Histiocytic Sarcoma TGLS = 1-21,11-29]	Histiocytic Sarcoma	Metastatic (Liver)
* Spleen	Hematopoietic Cell Proliferation	Mild
	Histiocytic Sarcoma	Metastatic (Liver)
[Histiocytic Sarcoma TGLS = 3-22]		
* Stomach, Glandular	Histiocytic Sarcoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH	- Liver	Histiocytic Sarcoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma;Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-21]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
	[Cyst TGLS = 1-8]		
	[Inflammation TGLS = 1-8]		
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach		Diverticulum	
* Urin Bladder			
	Note: INFUSION ARTIFACT IN URINARY BLADDER.		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
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: 734 HISTO: 00-91803
----------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Liver	Angiectasis	Moderate
	Clear Cell Focus	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-21,3-6]		
* Preputial Gland	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Thymus	Atrophy	Moderate
* Urin Bladder		

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH -

Animal Note: MODERATE DYSPLASIA (MALFORMATION) OF INCISOR TEETH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Hyperplasia	Lymphoid, Mild
	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]		
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Seminal Vesicle	Inflammation	Chronic, Moderate

Note: CHRONIC INFLAMMATION INCLUDES FIBROSIS OF LAMINA PROPRIA; NUMEROUS CHOLESTEROL CLEFTS WITHIN SECRETORY MATERIAL.

[Inflammation TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
	Hypertrophy	Focal, Mild
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Cyst	Moderate
	Hydronephrosis	Mild
	Hyperplasia	Lymphoid, Mild
	Nephropathy	Minimal
[Hydronephrosis TGLS = 3-5]		
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-6,5-21,6-22]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Moderate
[Cyst TGLS = 1-8]		
* Salivary Glands	Hyperplasia	Lymphoid, Moderate
* Seminal Vesicle	Inflammation	Chronic, Mild
[Inflammation TGLS = 2-7,2-23]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91805

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Eye | * Gallbladder |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | |
|--|------------------------|-------------------|
| * Adrenal Cortex | Hyperplasia | Focal, Mild |
| * Islets, Pancreatic | Hyperplasia | Mild |
| * Kidney | Nephropathy | Minimal |
| * Liver | Hepatocellular Adenoma | Multiple |
| | Mixed Cell Focus | |
| [Hepatocellular Adenoma TGLS = 2-21] | | |
| * Lung | Edema | Mild |
| * Preputial Gland | Cyst | Moderate |
| | Inflammation | Chronic, Moderate |
| [Cyst TGLS = 1-8] | | |
| [Inflammation TGLS = 1-8] | | |
| * Thyroid Gland | Degeneration | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular	* 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			

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-21]		
* Lung	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Prostate		

Note: TGL 1-7 IS MILD HEMORRHAGE IN PROSTATE; MORPHOLOGY NOT AVAILABLE ON TDMS.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 561

DOSE: 0 MG/L

DISP: Moribund Sacrifice

HISTO: 00-88778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Hyperplasia	Lymphoid, Moderate
	Infarct	Moderate
	Nephropathy	Mild
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
* Lung	Hemorrhage	Minimal
* Preputial Gland	Inflammation	Chronic, Mild
* Thymus	Atrophy	Mild
Tooth	Malformation	

[Malformation TGLS = 1-21]

PRIMARY CAUSE OF DEATH

- Tooth Malformation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 625

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 00-89515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Mandibular
---------------	--------------------------

OBSERVATIONS

* Bone [Hyperostosis TGLS = 8-24]	Hyperostosis	Moderate
* Bone Marrow	Hyperplasia	Mild
* Heart	Cholangiocarcinoma	Metastatic (Liver)
* Islets, Pancreatic	Hyperplasia	Moderate
* Liver	Cholangiocarcinoma	
	Hepatocellular Adenoma	
Note: CHOLANGIOCARCINOMA APPEARS TO BE HIGHLY UNDIFFERENTIATED IN SOME AREAS (MESENCHYMAL APPEARANCE TO TUMOR CELLS).		
	[Cholangiocarcinoma TGLS = 4-22,6-23]	
* Lung	Hemorrhage	Mild
Mesentery [Cholangiocarcinoma TGLS = 3-21]	Cholangiocarcinoma	Metastatic (Liver)
* Pancreas	Cholangiocarcinoma	Metastatic (Liver)
* Preputial Gland [Cyst TGLS = 1-8]	Cyst	Moderate
* Spleen [Hematopoietic Cell Proliferation TGLS = 5-6]	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Cholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Bone Marrow	Hyperplasia	Mild
* Kidney	Hyperplasia	Lymphoid, Moderate
	Infarct	Minimal
	Metaplasia	Osseous, Minimal
	Nephropathy	Minimal
* Liver	Hepatoblastoma	Multiple
	Hepatocellular Carcinoma	Multiple
<p>Note: HEPATOCELLULAR CARCINOMA ALSO PRESENT ON SLIDE 6. [Hepatoblastoma TGLS = 3-22,4-23] [Hepatocellular Carcinoma TGLS = 2-21,4-23]</p>		
* Lung	Hepatoblastoma	Metastatic (Liver)
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
	Pigmentation	Mild
* Lymph Node, Mesenteric	Hemorrhage	Minimal
* Preputial Gland	Inflammation	Chronic, Moderate
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
<p>[Hematopoietic Cell Proliferation TGLS = 1-6]</p>		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
Note: HEPATOCELLULAR CARCINOMA IS PRESENT ON SLIDES 6 AND 21. [Hepatocellular Carcinoma TGLS = 2-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone		Fracture	
[Fracture TGLS = 1-21]			
* Bone Marrow		Hyperplasia	Mild
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 3-6]		Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 4-22]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
Note: NUMEROUS MEGAKARYOCYTES IN MESENTERIC LYMPH NODE.			
[Hematopoietic Cell Proliferation TGLS = 5-5]			
* Pituitary Gland	Pars Intermed	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Brain		
Note: MILD LYMPHOCYTIC PERIVASCULAR CUFFING IN MENINGES; NOT TABULATED.		
* Harderian Gland	Adenoma	
[Adenoma TGLS = 5-22]		
* Intestine Small, Jejunum	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-23]		
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 4-21]		
[Hepatocellular Adenoma TGLS = 3-6]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Infiltration Cellular	Histiocyte, Moderate
	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric	Cyst	Moderate
* Preputial Gland		
[Cyst TGLS = 1-8]		
* Seminal Vesicle	Inflammation	Chronic, Mild
[Inflammation TGLS = 2-7]		
* Stomach, Forestomach	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 43	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 00-91811

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland		Degeneration	Cystic, Mild
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: INCISOR TOOTH MODERATELY MALFORMED; NOT TABULATED.

Animal Note: CHRONIC ACTIVE INFLAMMATION OF MODERATE SEVERITY AND HAIR SHAFT FOREIGN BODIES I N MUSCLE ALONGSIDE NASAL SECTION ON SLIDE 9; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Mild
	[Eosinophilic Focus TGLS = 7-25]		
	[Hepatocellular Adenoma TGLS = 6-22]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-24]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	Note: MALIGNANT LYMPHOMA APPEARS TO BE VARIANT OF FOLLICULAR CENTER TYPE. IT HAS LYMPHOHISTIOCYTIC PATTERN AND CONTAINS NUMEROUS SYNCYTIAL CELLS.		
	[Lymphoma Malignant TGLS = 5-21]		
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 4-23]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 00-91812

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 5-23]

PRIMARY CAUSE OF DEATH

-

Animal Note: URINARY BLADDER MARKEDLY DILATED (TGL3-8); MORPHOLOGY NOT AVAILABLE ON TDMS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Inflammation	Chronic, Mild
Note: INFLAMMATION APPARENTLY INCITED BY HAIR SHAFT FOREIGN BODIES.			
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hepatoblastoma	
	Kupffer Cell	Hepatocellular Carcinoma	Multiple
	[Hepatoblastoma TGLS = 2-21]	Pigmentation	Marked
	[Hepatocellular Carcinoma TGLS = 3-22,4-23,5-24]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

Animal Note: LOCALIZED AREA OF ANGIECTASIS CONTAINING THROMBUS IN BONE MARROW; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Cyst	Moderate
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 3-23]		
[Hepatocellular Carcinoma TGLS = 1-21,2-22]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Edema	Mild
	Foreign Body	
	Hemorrhage	Minimal
	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
* Preputial Gland	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: INCISOR TOOTH MODERATELY MALFORMED; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-21]		
	[Hepatocellular Carcinoma TGLS = 3-22,4-23]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 1-24]		
* Preputial Gland		Cyst	Moderate
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 00-91816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney	Cyst	Moderate
	Nephropathy	Mild
	Angiectasis	Mild
* Liver [Angiectasis TGLS = 2-22]		
* Lung [Hemorrhage TGLS = 1-21]	Hemorrhage	Mild
* Preputial Gland	Inflammation	Chronic, Mild
* Spleen	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Water disinfection byproducts (Sodium chlorate)
 CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
 Time Report Requested: 22:31:02
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 49 TRT#: 1 SEX: Male DAY ON TEST: 729
 DOSE: 0 MG/L DISP: Terminal Sacrifice HISTO: 00-91817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Hypertrophy	Focal, Mild
* Nose		Nephropathy	Minimal
	Respirat Epith	Foreign Body	
* Preputial Gland		Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Cyst	Moderate
		Inflammation	Chronic, Mild
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 484

DOSE: 0 MG/L

DISP: Moribund Sacrifice

HISTO: 00-88282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Moderate
* Liver	Hemorrhage	Moderate
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	Mixed Cell Focus	
Note: MIXED CL FOCUS IS ON SLIDE 22. [Hemorrhage TGLS = 4-22] [Hepatocellular Adenoma TGLS = 3-21] [Hepatocellular Carcinoma TGLS = 2-23]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild
[Cyst TGLS = 1-8] [Inflammation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 698

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-90777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-22]			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: METASTATIC HEPATOCELLULAR CARCINOMA ALSO IN MEDIASTINUM (SLIDE 2).			
[Hepatocellular Carcinoma TGLS = 4-2]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: BLOOD IN LUMEN OF TRACHEA; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hyperplasia	Lymphoid, Mild
[Hepatocellular Adenoma TGLS = 3-21]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
[Hemorrhage TGLS = 4-5]			
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MALFORMATION OF INCISOR TEETH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
	Subcapsular	Adenoma	
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
	[Hemangiosarcoma TGLS = 4-21,5-22]		
	[Hepatocellular Adenoma TGLS = 5-22]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-23]		
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Stomach, Glandular		Adenoma	
	[Adenoma TGLS = 7-24]		

PRIMARY CAUSE OF DEATH -

Animal Note: MALFORMATION OF INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Medulla
- * Epididymis
- * Harderian Gland
- * Intestine Large, Rectum
- * Lung
- * Pancreas
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Bone
- * Esophagus
- * Heart
- * Intestine Small, Duodenum
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

- * Bone Marrow
- * Eye
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Mammary Gland
- * Pituitary Gland
- * Skin
- * Testes
- * Urinary Bladder

- * Brain
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Nose
- * Prostate
- * Spleen
- * Thymus

OBSERVATIONS

- * Adrenal Cortex
- * Islets, Pancreatic
- * Kidney

Renal Tubule

- Hypertrophy
- Hyperplasia
- Cyst
- Hyperplasia
- Nephropathy
- Clear Cell Focus
- Hepatocellular Adenoma

- Focal, Mild
- Moderate
- Moderate
- Minimal
- Minimal

[Cyst TGLS = 2-21]

- * Liver

[Clear Cell Focus TGLS = 3-6]

[Hepatocellular Adenoma TGLS = 4-6]

- * Lymph Node, Mandibular
- * Preputial Gland

- Hyperplasia
- Cyst

- Lymphoid, Mild
- Moderate

[Cyst TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* 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			

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	Multiple
	Mixed Cell Focus	

Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6 AND 21.

[Hepatocellular Adenoma TGLS = 1-21]

PRIMARY CAUSE OF DEATH -

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Epididymis		Atypia Cellular	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Mild
		Mixed Cell Focus	
Note: MILD FIBROSIS ASSOCIATED WITH MIXED CELL INFILTRATION; NOT TABULATED. [Hepatocellular Adenoma TGLS = 2-21]			
* Lung		Metaplasia	Osseous, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
			[Cyst TGLS = 1-8]
			[Inflammation TGLS = 1-8]
* Spleen		Pigmentation	Mild
* Testes	Germinal Epith	Atrophy	Minimal
* Thyroid Gland		Degeneration	Cystic, Minimal
Tooth		Malformation	

Note: TOOTH MALFORMATION IS MOST OBVIOUS ON SLIDE 9.
[Malformation TGLS = 3-22]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Mild
* Intestine Large, Cecum	Inflammation	Chronic, Moderate
Note: TGL 2-21 IS A FOCUS OF PARTIALLY NECROTIC FAT, CHOLESTEROL CLEFTS, AND INFLAMMATORY CELLS ATTACHED TO SEROSA OF CECUM.		
[Inflammation TGLS = 2-21]		
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]		
[Inflammation TGLS = 1-8]		
* Spleen	Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Hyperostosis	Moderate
Note: HYPEROSTOSIS CONSISTS OF ZONE OF CORTICAL BONE SEPARATED FROM NORMAL CORTICAL BONE OF FEMUR BY LAYER OF CUBOIDAL BASOPHILIC CELLS (SLIDE 9).			
* Kidney		Cyst	Moderate
		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6 AND 21. BASOPHILIC FOCUS IS ON SLIDE 22.			
		[Clear Cell Focus TGLS = 2-21]	
		[Hepatocellular Adenoma TGLS = 3-22]	
* Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
		[Cyst TGLS = 1-8]	
		[Inflammation TGLS = 1-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 721

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 00-91825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Lymph Node, Mandibular		Pigmentation	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 2-8]			
* Thymus		Atrophy	Moderate
Tooth		Malformation	
Note: MALFORMATION IS MOST OBVIOUS ON SLIDE 9.			
[Malformation TGLS = 4-21]			

PRIMARY CAUSE OF DEATH

- Tooth Malformation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 60	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 00-91826
----------------------	---	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* 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	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-6,3-22]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Thymus		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 61	TRT#: 3	SEX: Male	DAY ON TEST: 431
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 99-88018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* 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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Thymus
----------------------------	--------------------------	----------

OBSERVATIONS

* Esophagus			
Note: ESOPHAGUS IS ON SLIDE 2.			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Focal, Mild
[Hepatocellular Carcinoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-22,3-23]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Epididymis		Atypia Cellular	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland		Degeneration	Cystic, Mild
Tooth		Malformation	

Note: MALFORMATION IS VISIBLE PRIMARILY ON SLIDE 9.

[Malformation TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-22]			
* Lung		Edema	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-21]			
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 64	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 00-91829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
	Mixed Cell Focus	
Note: MIXED CELL FOCUS IS ON SLIDE 21. [Hepatocellular Adenoma TGLS = 3-21]		
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]		
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: TOOTH MODERATELY DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 668

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-90158

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	* Lung
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Parathyroid Gland
---------------	---------------------

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Epididymis	Atypia Cellular	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
	Necrosis	Focal, Marked
[Hepatocellular Carcinoma TGLS = 1-21]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric	Hemorrhage	Mild
* Spleen	Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Kidney	Nephropathy	Mild
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-6,2-21]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
	Pigmentation	Mild
* Lymph Node, Mesenteric	Hemorrhage	Mild
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Moderate
[Cyst TGLS = 1-8]		
[Inflammation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fracture	
[Fracture TGLS = 1-22]			
* Bone Marrow		Hyperplasia	Mild
* Kidney		Hyperplasia	Lymphoid, Moderate
		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
[Hepatocellular Carcinoma TGLS = 2-21]		Hepatocellular Carcinoma	
* Lymph Node, Mandibular		Pigmentation	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-23]		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 3-23]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Marked
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Kidney		Metaplasia	Osseous, Mild
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
Note: MODERATE GLYCOGEN DEPLETION IN LIVER; NOT TABULATED.			
[Hepatocellular Adenoma TGLS = 2-22]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Edema	Moderate
		Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2,4-23]			
[Infiltration Cellular TGLS = 3-2]			
* Lymph Node, Mandibular		Pigmentation	Moderate
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MALFORMATION ON INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91833

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland	* Thymus
-------------------	----------

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
	Hypertrophy	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Cyst	Moderate
	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
	Note: HEPATOCELLULAR CARCINOMA PRESENT ON SLIDES 6 AND 21.	
	Note: LINEAR PATTERNS OF BASOPHILIC FUSIFORM CELLS, APPARENTLY REPRESENTING ANAPLASIA, TRANSECTING THE HEPATOCELLULAR CARCINOMA ON SLIDE 21.	
	[Hepatocellular Carcinoma TGLS = 1-21]	
* Lung	Alveolar/Bronchiolar Adenoma	
	Alveolar/Bronchiolar Carcinoma	
	Edema	Mild
	Infiltration Cellular	Histiocyte, Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-2,3-22]	
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Nose	Inflammation	Chronic, Minimal
* Thyroid Gland	Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Heart
* 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
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Harderian Gland	Adenoma	
[Adenoma TGLS = 2-22]		
* Intestine Large, Cecum	Edema	Mild
* Kidney	Infarct	Minimal
	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung	Edema	Mild
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Inflammation	Chronic, Mild
* Prostate	Inflammation	Chronic, Mild
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach	Diverticulum	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 72	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 00-91836
----------------------	---	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* 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	* Trachea	* Urinary Bladder

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Adenoma	
	[Adenoma TGLS = 2-22]	Nephropathy	Minimal
* Liver		Angiectasis	Mild
	[Angiectasis TGLS = 3-6]	Hepatocellular Adenoma	
	[Hepatocellular Carcinoma TGLS = 4-23]	Hepatocellular Carcinoma	
* Lung		Mixed Cell Focus	
		Edema	Mild
Mesentery	Fat	Hyperplasia	Lymphoid, Mild
	[Necrosis TGLS = 1-21]	Necrosis	Marked
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Epididymis		Granuloma Sperm	Marked
* Intestine Large, Cecum		Edema	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-6,1-21]			
* Lung	Alveolar Epith	Edema	Mild
		Hyperplasia	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Eye | * Gallbladder |
| * Harderian Gland | * Heart | * 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 |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Thymus

OBSERVATIONS

- | | | |
|--------------------------|------------------------|------------------|
| * Adrenal Cortex | Hypertrophy | Focal, Mild |
| * Kidney | Cyst | Moderate |
| | Hyperplasia | Lymphoid, Marked |
| | Nephropathy | Moderate |
| * Liver | Eosinophilic Focus | |
| | Hepatocellular Adenoma | |
| * Lymph Node, Mandibular | Hyperplasia | Lymphoid, Mild |
| * Preputial Gland | Cyst | Moderate |
| | Inflammation | Chronic, Mild |

[Cyst TGLS = 1-8]

[Inflammation TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Moderate
* Harderian Gland	Adenoma	
* Intestine Large, Cecum	Edema	Mild
* Kidney	Cyst	Moderate
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
	Necrosis	Focal, Mild
	Hemorrhage	Mild
	Cyst	Moderate
	Cyst	Moderate
	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: MALFORMATION OF INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91840

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
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Moderate
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
	Ito Cell Tumor Malignant	

Note: PORTION OF ITO CELL TUMOR PRESENT ON SLIDE 6.

Note: MASS OF NECROTIC TISSUE DETACHED FROM LIVER MASS (POSSIBLY PORTION OF NECROTIC ITO CELL TUMOR) ON SLIDE 21.

[Hepatocellular Adenoma TGLS = 4-23]

[Ito Cell Tumor Malignant TGLS = 2-21]

* Lymph Node, Mandibular	Pigmentation	Mild
Mesentery	Ito Cell Tumor Malignant	Metastatic (Liver)
[Ito Cell Tumor Malignant TGLS = 3-22]		
* Parathyroid Gland	Cyst	Moderate
* Preputial Gland	Inflammation	Chronic, Moderate
* Stomach, Forestomach	Erosion	Mild
	Epithelium	Moderate
[Erosion TGLS = 5-24]		
[Hyperplasia TGLS = 5-24]		
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91840

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: THYMUS IS PRESENT ON SLIDE 5. MESENTERIC LYMPH NODE IS PRESENT ON SLIDE 21.

Animal Note: TGL 1-8 IS MARKED DILATATION OF URINARY BLADDER; MORPHOLOGY NOT AVAILABLE ON TDM S.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Harderian Gland		Inflammation	Chronic, Moderate
* Intestine Small, Ileum		Cyst	Moderate
[Cyst TGLS = 3-21]			
* Kidney		Nephropathy	Minimal
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Medulla

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 1-6]		
	[Eosinophilic Focus TGLS = 1-6]		
	[Hepatocellular Adenoma TGLS = 4-23]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-22]		
Mesentery	Fat	Necrosis	Moderate
Note: NECROTIC FAT ON SLIDE 21 IS SURROUNDED BY A FIBROUS CAPSULE WHICH FORMS ADHESION BETWEEN A SECTION OF PANCREAS AND MUSCLE OF ABDOMINAL WALL.			
	[Necrosis TGLS = 2-21]		
* Stomach, Glandular		Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91843

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Metaplasia	Osseous, Mild
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hemangiosarcoma	
	Hepatocellular Adenoma	Multiple
[Hemangiosarcoma TGLS = 2-22]		
[Hepatocellular Adenoma TGLS = 1-21,2-22]		
* Lung	Alveolar/Bronchiolar Carcinoma	
	Edema	Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 3-23]		
* Preputial Gland	Cyst	Moderate
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 80	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 00-91844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Kidney	Hyperplasia	Lymphoid, Mild
	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung	Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]		
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91845

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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
[Clear Cell Focus TGLS = 2-21]		
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]		
* Prostate	Inflammation	Chronic, Mild
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: INCISOR TOOTH MODERATELY DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 82	TRT#: 3	SEX: Male	DAY ON TEST: 722
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 00-91846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
Note: ISLET HYPERPLASIA IS MOST OBVIOUS IN SECTION OF PANCREAS ON SLIDE 5.			
* Kidney	Renal Tubule	Dilatation Metaplasia	Mild Osseous, Mild
[Dilatation TGLS = 3-5]			
* Liver		Hepatocellular Adenoma Mixed Cell Focus	Multiple
[Hepatocellular Adenoma TGLS = 4-6]			
* Lung		Hemorrhage	Mild
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: TGL 1-8 IS URINARY BLADDER, DILATATION, MODERATE; MORPHOLOGY NOT AVAILABLE.

Animal Note: TGL 2-7 IS SEMINAL VESICLE, HEMORRHAGE, MILD; MORPHOLOGY NOT AVAILABLE ON TDMS. SEMINAL VESICLE SECRETIONS APPEAR DEGENERATED (FLOCCULENT).

Animal Note: INCISOR TOOTH MODERATELY DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 713

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 00-90952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Atypia Cellular	Mild
* Harderian Gland		Inflammation	Chronic, Mild
* Intestine Small, Duodenum		Ulcer	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Nephropathy	Moderate
		Pigmentation	Marked
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
Note: MODERATE GLYCOGEN DEPLETION IN LIVER; NOT TABULATED. [Hepatoblastoma TGLS = 2-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Glandular		Cyst	Moderate
* Testes	Germinal Epith	Atrophy	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 713

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 00-90952

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MALFORMATION OF INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Bone | * Brain | * Epididymis |
| * Esophagus | * Eye | * Gallbladder | * Harderian Gland |
| * Heart | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Intestine Large, Cecum

INSUFFICIENT TISSUE

- * Thymus

OBSERVATIONS

- | | | |
|--|------------------------|--------------------|
| * Adrenal Cortex | Hypertrophy | Focal, Minimal |
| * Bone Marrow | Hyperplasia | Mild |
| * Islets, Pancreatic | Hyperplasia | Mild |
| * Kidney | Hyperplasia | Lymphoid, Mild |
| | Metaplasia | Osseous, Moderate |
| | Nephropathy | Moderate |
| * Liver | Clear Cell Focus | |
| | Hepatoblastoma | |
| | Hepatocellular Adenoma | Multiple |
| | Mixed Cell Focus | |
| | Necrosis | Focal, Marked |
| [Hepatoblastoma TGLS = 3-23] | | |
| [Hepatocellular Adenoma TGLS = 2-22,3-23,4-24] | | |
| [Necrosis TGLS = 1-21] | | |
| * Lung | Hepatoblastoma | Metastatic (Liver) |
| | Metaplasia | Osseous, Minimal |
| * Preputial Gland | Cyst | Moderate |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 84	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 00-91847
----------------------	---	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Inflammation Hematopoietic Cell Proliferation Hyperplasia	Chronic, Mild Mild Lymphoid, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Moderate Mild

[Hyperplasia TGLS = 5-25]
[Ulcer TGLS = 5-25]

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 85	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 574 HISTO: 00-88825
----------------------	---	---	---

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Dilatation Hydronephrosis Nephropathy	Moderate Mild Moderate
	[Dilatation TGLS = 4-5] [Nephropathy TGLS = 4-5]		
* Liver		Necrosis	Focal, Marked
	Note: TGL 6-21 IS A WELL-CIRCUMSCRIBED AREA OF MASSIVE HEPATOCELLULAR NECROSIS; NO NEOPLASM EVIDENT. [Necrosis TGLS = 6-21]		
* Parathyroid Gland			
	Note: PARATHYROID GLAND PRESENT ON SLIDE 3.1.		
* Prostate		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation Pigmentation	Mild Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Inflammation	Chronic, Moderate
* Intestine Small, Jejunum [Carcinoma TGLS = 4-23]	Carcinoma	
* Liver [Hepatocellular Adenoma TGLS = 2-21,3-22]	Hepatocellular Adenoma	Multiple
* Lymph Node, Mandibular	Pigmentation	Mild
* Preputial Gland [Cyst TGLS = 1-8] [Inflammation TGLS = 1-8]	Cyst Inflammation	Moderate Chronic, Moderate
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Hyperplasia	Lymphoid, Mild
* Thymus	Cyst	Moderate
* Thyroid Gland	Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6 AND 21. [Hepatocellular Adenoma TGLS = 1-21]		
* Lung	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: TGL 2 = No Corresponding Lesion (NCL)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Epididymis	Inflammation	Chronic, Moderate
* Kidney	Hyperplasia	Lymphoid, Mild
* Liver	Hepatocellular Adenoma	Multiple
	Mixed Cell Focus	

Note: MIXED CELL FOCUS AND HEPATOCELLULAR ADENOMA ON SLIDE 22.

Note: FOCAL AREA OF PARTIALLY NECROTIC FAT AND MILD CHRONIC INFLAMMATION AND FIBROSIS ATTACHED TO LIVER SEROSA; NOT TABULATED.

[Hepatocellular Adenoma TGLS = 2-22]

* Lung	Edema	Mild
	Hyperplasia	Lymphoid, Mild
	Infiltration Cellular	Histiocyte, Minimal
	Pigmentation	Mild
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric	Necrosis	Mild
Mesentery	Fat	
[Necrosis TGLS = 1-21]		
* Preputial Gland	Inflammation	Chronic, Mild
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hyperplasia	Lymphoid, Mild
* Urinary Bladder	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: INCISOR TOOTH MALFORMATION; NOT TABULATED.

Animal Note: MODERATE LYMPHOID CELL HYPERPLASIA IN MEDIASTINUM CONTAINING FOCUS OF SUPPURATIVE INFLAMMATION; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91850

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 4-21,5-22]		
* Lung		Edema	Mild
		Hepatocellular Carcinoma	Metastatic (Liver)
		Hyperplasia	Lymphoid, Mild
	Note: TWO SMALL BASOPHILIC CONCRETIONS IN ALVEOLI; NOT TABULATED.		
* Lymph Node, Mandibular		Pigmentation	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
	[Cyst TGLS = 1-8]		
	[Inflammation TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91851

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: INCISOR TOOTH MALFORMATION; NOT TABULATED.

Animal Note: MODERATE HEMORRHAGE WITHIN SEMINAL VESICLE SECRETIONS (TGL 2-7); MORPHOLOGY NOT AVAILABLE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular
* 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

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Intestine Small, Jejunum [Lymphoma Malignant TGLS = 3-21]	Lymphoma Malignant	
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver [Hepatocellular Carcinoma TGLS = 5-22]	Hemorrhage Hepatocellular Carcinoma	Mild
* Lung	Edema	Mild
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 4-5]	Lymphoma Malignant	
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-6] [Lymphoma Malignant TGLS = 2-6]	Hematopoietic Cell Proliferation Lymphoma Malignant	Mild
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hydronephrosis	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Necrosis	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 3-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 577

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 00-88840

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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Atypia Cellular	Moderate
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Marked
* Liver		Hepatoblastoma	
		Hepatocellular Carcinoma	
	[Hepatoblastoma TGLS = 3-21]		
	[Hepatocellular Carcinoma TGLS = 4-22]		
* Lung		Hepatoblastoma	Metastatic (Liver)
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
	[Cyst TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes		Atrophy	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 92	TRT#: 3	SEX: Male	DAY ON TEST: 577
	DOSE: 500 MG/L	DISP: Moribund Sacrifice	HISTO: 00-88840

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
------------------------------------	----------------------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Degeneration	Fatty, Mild
	Hyperplasia	Focal, Minimal
	Hypertrophy	Focal, Mild
	Adenoma	
* Harderian Gland		
[Adenoma TGLS = 3-12]		
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Metaplasia	Osseous, Minimal
	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-6]	Mixed Cell Focus	
* Seminal Vesicle	Degeneration	Moderate
[Degeneration TGLS = 4-7]		
* Spleen	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MILD LYMPHOCYTIC INFILTRATE IN MESENTERY; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 1-24]		
	[Hepatocellular Adenoma TGLS = 2-21,3-22]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 4-23]		
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MEDIUM SIZED THROMBUS IN BONE MARROW; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2-6]			
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 96	TRT#: 3 DOSE: 500 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 00-91857
----------------------	---	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6, 21, 22, AND 24. [Clear Cell Focus TGLS = 1-24] [Hepatocellular Adenoma TGLS = 1-24,2-21,3-22]		
* Spleen	Hyperplasia	Lymphoid, Mild
* Stom Gland		
Note: MILD SQUAMOUS METAPLASIA OF GLANDS; NOT TABULATED.		
Tooth	Malformation	
Note: TOOTH MALFORMATION ALSO EVIDENT ON SLIDE 9. [Malformation TGLS = 4-23]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 97	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 00-91858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* 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
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Medulla

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
	Hypertrophy	Focal, Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]		
* Lung	Edema	Mild
* Thyroid Gland	Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Cyst	Moderate
	Hyperplasia	Lymphoid, Mild
	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
Note: HEPATOCELLULAR ADENOMA PRESENT ON SLIDES 6 AND 22. [Clear Cell Focus TGLS = 2-21,3-22]		
* Preputial Gland	Cyst	Moderate
* Spleen	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Adenoma	
* Thymus	Cyst	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 604

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 00-88976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
Spinal Cord	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Epididymis		Atypia Cellular	Mild
* Eye		Cataract	Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-22]			
Peripheral Nerve		Atrophy	Moderate
Skeletal Muscle		Atrophy	Mild
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 4-4]			
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland		Inflammation	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
Note: BACTERIAL ACCUMULATION ASSOCIATED WITH INFLAMMATION IN KIDNEY PAPILLA. [Inflammation TGLS = 3-5] [Nephropathy TGLS = 3-5]			
* Liver		Eosinophilic Focus	
Note: MODERATE GLYCOGEN DEPLETION; NOT TABULATED.			
* Lung		Hemorrhage	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Prostate		Inflammation	Chronic, Mild
Note: INFLAMMATION INVOLVES PORTION OF PROSTATE ATTACHED TO SEMINAL VESICLE.			
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 101

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Medulla

OBSERVATIONS

* Kidney	Cyst	Moderate
	Nephropathy	Mild
	Hepatocellular Adenoma	
* Liver		
[Hepatocellular Adenoma TGLS = 1-21]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Hemorrhage	Minimal
	Hyperplasia	Lymphoid, Mild
	Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 2-22]		
* Parathyroid Gland	Cyst	Moderate
* Spleen	Hyperplasia	Lymphoid, Mild
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Metaplasia	Osseous, Moderate
	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 3-22]		
[Hepatocellular Adenoma TGLS = 2-21,3-22]		
* Spleen	Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-23]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 673

DOSE: 1000MG/L

DISP: Moribund Sacrifice

HISTO: 00-90177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Atypia Cellular	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-23]			
* Heart		Thrombosis	Marked
[Thrombosis TGLS = 6-5]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Hydronephrosis	Mild
		Nephropathy	Marked
* Liver		Basophilic Focus	
[Hepatocellular Carcinoma TGLS = 3-21,4-22]		Hepatocellular Carcinoma	Multiple
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Marked
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 103	TRT#: 5	SEX: Male	DAY ON TEST: 673
	DOSE: 1000MG/L	DISP: Moribund Sacrifice	HISTO: 00-90177

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Testes	Germinal Epith	Atrophy	Mild
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
-------------------------------	----------------------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 672

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-90178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Hydronephrosis	Mild
[Hydronephrosis TGLS = 6-5]			
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Hepatocyte	Karyomegaly	Mild
[Clear Cell Focus TGLS = 7-23]			
[Hepatocellular Adenoma TGLS = 7-23]			
[Hepatocellular Carcinoma TGLS = 8-21]			
* Lung		Edema	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 1-7]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
Urethra		Angiectasis	Marked
[Angiectasis TGLS = 3-22]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 672

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-90178

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH - Urethra Angiectasis

Animal Note: EDEMA OF MODERATE SEVERITY IN PROSTATE (TGL 5-7); MORPHOLOGY NOT AVAILABLE ON TD MS.

Animal Note: MARKED DILATATION OF URINARY BLADDER (TGL 2-8); MORPHOLOGY NOT AVAILABLE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Int Sm Jejunum			
Note: MILD CHRONIC INFLAMMATION IN JEJUNUM; NOT TABULATED.			
* Kidney		Infarct	Mild
		Nephropathy	Mild
		Hepatocellular Adenoma	
* Liver			
[Hepatocellular Adenoma TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-5]			
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 106

TRT#: 5

DOSE: 1000MG/L

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 00-91864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* 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	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adren Cortex			
Note: SMALL CYST IN ADRENAL CORTEX; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1-21,4-22]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Mild
		Hemorrhage	Lymphoid, Mild
		Hyperplasia	Histiocyte, Mild
		Infiltration Cellular	
	Note: THE ALVEOLAR/BRONCHIOLAR ADENOMA IS ON SLIDE 2.		
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-23,3-24]		
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Epididymis		Atypia Cellular	Mild
		Inflammation	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Metaplasia	Osseous, Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
* Testes	Germinal Epith	Atrophy	Mild
* Thyroid Gland		Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* 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

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Moderate
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hemangioma	
	Hepatocellular Adenoma	Multiple
	Mixed Cell Focus	

Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6, 22, AND 23.

[Clear Cell Focus TGLS = 3-23]

[Hemangioma TGLS = 1-21]

[Hepatocellular Adenoma TGLS = 1-21,2-22,3-23]

* Lung	Alveolar/Bronchiolar Adenoma
--------	------------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 543

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-88492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* 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	

OBSERVATIONS

* Harderian Gland [Adenoma TGLS = 5-23]		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Liver [Hepatocellular Adenoma TGLS = 1-21]		Clear Cell Focus Hepatocellular Adenoma	
* Lung [Alveolar/Bronchiolar Carcinoma TGLS = 2-22,3-2]		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Moderate
Skeletal Muscle [Alveolar/Bronchiolar Carcinoma TGLS = 4-24]		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Stomach, Forestomach Epithelium		Hyperplasia Inflammation Atrophy	Moderate Chronic Active, Moderate Mild

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Eye | * Gallbladder |
| * 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 |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | |
|------------------|--------------------------|----------------|
| * Adrenal Cortex | Hypertrophy | Focal, Minimal |
| * Kidney | Nephropathy | Mild |
| * Liver | Hemangiosarcoma | Multiple |
| | Hepatocellular Adenoma | |
| | Hepatocellular Carcinoma | |
| | Mixed Cell Focus | |

Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6 AND 22.

- [Hemangiosarcoma TGLS = 1-21]
- [Hepatocellular Adenoma TGLS = 2-22]
- [Hepatocellular Carcinoma TGLS = 1-21]

- | | | |
|--------------------------|----------------------------------|---------|
| * Lung | Edema | Mild |
| * Lymph Node, Mandibular | Pigmentation | Mild |
| * Spleen | Hematopoietic Cell Proliferation | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone [Carcinoma TGLS = 8-9]		Carcinoma	Metastatic (Harderian Gland)
* Bone Marrow		Hyperplasia	Mild
* Eye Note: INFLAMMATION INVOLVES CORNEA OF ONE EYE AND OPTIC NERVE OF OPPOSITE EYE.		Inflammation	Chronic, Mild
* Harderian Gland [Carcinoma TGLS = 7-22]		Carcinoma	
* Kidney		Nephropathy	Minimal
* Liver Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6 AND 21. [Hepatocellular Adenoma TGLS = 5-21]		Hepatocellular Adenoma	Multiple
* Lymph Node, Mandibular Note: MILD HEMORRHAGE IN MANDIBULAR LYMPH NODE; NOT TABULATED. [Hyperplasia TGLS = 6-8]		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric [Hematopoietic Cell Proliferation TGLS = 4-5] [Hemorrhage TGLS = 4-5]		Hematopoietic Cell Proliferation Hemorrhage	Mild Moderate
Mesentery Note: FAT NECROSIS INCLUDES MODERATE AMOUNT OF SECONDARY MINERALIZATION; NOT TABULATED. [Necrosis TGLS = 2-23]	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111	TRT#: 5 DOSE: 1000MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 00-91868
-----------------------	---	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland [Cyst TGLS = 1-8] [Inflammation TGLS = 1-8]	Cyst Inflammation	Moderate Chronic, Mild
* Salivary Glands * Spleen [Hematopoietic Cell Proliferation TGLS = 3-6]	Hyperplasia Hematopoietic Cell Proliferation	Lymphoid, Mild Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: ESOPHAGUS IS ON SLIDE 2.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-22]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-2,4-23]		
	[Infiltration Cellular TGLS = 5-2]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 2-21]		
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Thyroid Gland		Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Thymus	* Thyroid Gland
---------------------	----------	-----------------

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Intestine Large, Cecum	Edema	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Infarct	Minimal
	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
	Histiocytic Sarcoma	
[Hepatocellular Carcinoma TGLS = 2-6]		
[Histiocytic Sarcoma TGLS = 2-6,3-6]		
* Lung	Edema	Mild
	Histiocytic Sarcoma	
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
	Pigmentation	Mild
* Spleen	Hematopoietic Cell Proliferation	Marked
	Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 1-6]		
[Histiocytic Sarcoma TGLS = 1-6]		
* Stomach, Glandular	Cyst	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91870

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland	* Thymus
-------------------	----------

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
[Clear Cell Focus TGLS = 4-23]		
[Hepatocellular Adenoma TGLS = 2-6,3-22,4-23]		
[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung	Alveolar/Bronchiolar Adenoma	
* Salivary Glands	Atrophy	Mild
	Hyperplasia	Lymphoid, Mild
* Spleen	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart	Inflammation	Chronic, Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
Note: MILD EXTRACAPSULAR FIBROSIS ON LEFT KIDNEY; NOT TABULATED.		
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-21]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric	Hematopoietic Cell Proliferation	Mild
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

Animal Note: MALFORMATION OF INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 1-21,2-22]			
[Hepatocellular Adenoma TGLS = 1-21]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Moderate
* Thyroid Gland		Degeneration	Cystic, Moderate
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MALFORMATION OF INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 607

DOSE: 1000MG/L

DISP: Moribund Sacrifice

HISTO: 00-88964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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	Peripheral Nerve	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	Spinal Cord	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Kidney	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Nephropathy	Minimal
Note: METASTATIC ALVEOLAR/BRONCHIOLAR CARCINOMA IS ON SLIDE 5-2.		
* Liver	Regeneration	Focal, Mild
Note: MODERATE GLYCOGEN DEPLETION IN LIVER; NOT TABULATED.		
[Regeneration TGLS = 1-21]		
* Lung	Alveolar/Bronchiolar Carcinoma	
	Infiltration Cellular	Histiocyte, Moderate
Note: ALVEOLAR/BRONCHIOLAR CARCINOMA PRESENT ON SLIDES 2 AND 23.		
[Alveolar/Bronchiolar Carcinoma TGLS = 3-23]		
* Lymph Node, Mandibular	Pigmentation	Moderate
Skeletal Muscle	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 2-22]		
* Spleen	Hematopoietic Cell Proliferation	Marked
* Stom Gland		
Note: MILD HYPERPLASIA OF MUCOSAL GLANDS; NOT TABULATED.		
* Stomach, Forestomach	Inflammation	Chronic Active, Minimal
	Ulcer	Minimal
* Thymus	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 117	TRT#: 5 DOSE: 1000MG/L	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 607 HISTO: 00-88964
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland		Degeneration	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Intestine Large, Cecum	Edema	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
	Mixed Cell Focus	

Note: LIVER FOCI ARE ON SLIDE 21.

[Hepatocellular Adenoma TGLS = 2-6,2-21]

[Hepatocellular Carcinoma TGLS = 2-6,2-21]

* Lung	Hyperplasia	Lymphoid, Mild
* Thymus	Cyst	Moderate
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: FOCUS OF MODERATE ANGIECTASIS IN BONE MARROW; NOT TABULATED.

Animal Note: MALFORMATION OF BOTH INCISOR TEETH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-24]			
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 6-4]		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 6-4]			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-21,3-22,4-23]			
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thymus		Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* 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
* Preputial Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland	* Thymus
-------------------	----------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Atypia Cellular	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Focal, Minimal
Note: CYSTIC AREA IN HEPATOCELLULAR CARCINOMA ON SLIDE 22 LINED BY BASOPHILIC, ANAPLASTIC-APPEARING CELLS. [Hepatocellular Carcinoma TGLS = 2-21,3-22]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 4-2]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Prostate		Inflammation	Chronic, Moderate
* Seminal Vesicle		Inflammation	Chronic, Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Germinal Epith	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: INCISOR TEETH DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* 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			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
* Intestine Small, Jejunum		Adenoma	
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	

Note: HEPATOCELLULAR ADENOMA PRESENT ON SLIDES 6 AND 22.

[Hepatocellular Adenoma TGLS = 2-22]

[Hepatocellular Carcinoma TGLS = 1-21]

Mesentery

Fat

Necrosis

Moderate

[Necrosis TGLS = 3-23]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Metaplasia	Osseous, Mild
	Nephropathy	Mild
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	Infiltration Cellular	Mixed Cell, Minimal
	Mixed Cell Focus	
[Hepatocellular Carcinoma TGLS = 2-21]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]		
[Inflammation TGLS = 1-8]		
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
	Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91879

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: INCISOR TOOTH DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 558

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-88779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Kidney	Nephropathy	Moderate
* Liver	Hepatocellular Carcinoma	
Note: HEPATOCLR CARC ALSO PRESENT ON SLIDE 6.		
[Hepatocellular Carcinoma TGLS = 5-21]		
* Lymph Node, Mandibular	Pigmentation	Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]		
* Stomach, Forestomach	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Mammary Gland
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Epididymis
* Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Prostate
* Spleen
* Thymus

* Bone
* Esophagus
* Heart
* Intestine Small, Duodenum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
* Eye
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

OBSERVATIONS

* Kidney
* Liver

Nephropathy
Clear Cell Focus
Mixed Cell Focus
Tension Lipidosis

Minimal

[Clear Cell Focus TGLS = 2-21]

* Lymph Node, Mandibular
* Preputial Gland

Hyperplasia
Cyst
Inflammation

Lymphoid, Mild
Moderate
Chronic, Moderate

[Cyst TGLS = 1-8]

[Inflammation TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Cholangiocarcinoma	Metastatic (Liver)
* Harderian Gland		Inflammation	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Hepatocellular Carcinoma	Metastatic (Liver)
		Nephropathy	Minimal
[Hepatocellular Carcinoma TGLS = 3-26]			
* Liver		Cholangiocarcinoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCELLULAR ADENOMA IS ON SLIDES 6 AND 27.			
[Cholangiocarcinoma TGLS = 5-23]			
[Hepatocellular Adenoma TGLS = 10-27]			
[Hepatocellular Carcinoma TGLS = 4-22]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Marked
[Hepatocellular Carcinoma TGLS = 8-2]			
Lymph Node	Mediastinal	Hepatocellular Carcinoma	Metastatic (Liver)
	Pancreatic	Hepatocellular Carcinoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 126	TRT#: 5 DOSE: 1000MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 00-91881
-----------------------	---	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

Renal [Hepatocellular Carcinoma TGLS = 7-25] [Hepatocellular Carcinoma TGLS = 9-2] [Hepatocellular Carcinoma TGLS = 2-7]	Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery [Hepatocellular Carcinoma TGLS = 1-21,6-24]	Hepatocellular Carcinoma	Metastatic (Liver)
* Pancreas Note: METASTATIC HEPATOCELLULAR CARCINOMA IS ON SLIDE 5.	Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thymus	Hepatocellular Carcinoma	Metastatic (Liver)
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 668

DOSE: 1000MG/L

DISP: Moribund Sacrifice

HISTO: 00-90159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatoblastoma	
		Necrosis	Focal, Minimal
Note: MODERATE GLYCOGEN DEPLETION; NOT TABULATED. [Hepatoblastoma TGLS = 4-22]			
* Lung		Edema	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 562

DOSE: 1000MG/L

DISP: Moribund Sacrifice

HISTO: 00-88780

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, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland	* Thymus
-------------------	----------

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Epididymis	Atypia Cellular	Mild
* Intestine Small, Duodenum	Ulcer	Marked
* Kidney	Nephropathy	Marked
[Nephropathy TGLS = 2-5]		
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Inflammation	Chronic, Moderate
* Skin	Inflammation	Chronic, Moderate
Note: TGL 4-22 RESEMBLES A PARTIALLY ORGANIZED XANTHOMA (CONTAINS LARGE HISTIOCYTIC CELLS INTERSPERSED WITH CHOLESTEROL CLEFTS, FIBROCYTES, COLLAGEN, & TATTOO INK).		
[Inflammation TGLS = 4-22]		
* Spleen	Hematopoietic Cell Proliferation	Marked
* Testes	Atrophy	Moderate
[Atrophy TGLS = 1-7]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Cyst	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Marked
Note: HEPATOCELLULAR ADENOMA PRESENT ON SLIDES 6 AND 23. [Cyst TGLS = 4-25] [Hepatocellular Adenoma TGLS = 3-23] [Hepatocellular Carcinoma TGLS = 2-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
		Hyperplasia	Lymphoid, Mild
Note: METASTATIC HEPATOCELLULAR CARCINOMA IS PRESENT ON SLIDES 2 AND 24. [Alveolar/Bronchiolar Adenoma TGLS = 5-24]			
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91882

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 667

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-90160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|--------------------------|----------------------------|--------------------------|
| * Adrenal Medulla | * Bone | * Brain | * Epididymis |
| * Esophagus | * Gallbladder | * Heart | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Mammary Gland |
| Mesentery | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

AUTO PRECLUDES DIAG.

- | | |
|--------------------------|-----------------------------|
| * Intestine Large, Cecum | * Intestine Small, Duodenum |
|--------------------------|-----------------------------|

OBSERVATIONS

- | | | |
|---|-----------------------------------|---------------------|
| * Adrenal Cortex | Accessory Adrenal Cortical Nodule | Moderate |
| * Bone Marrow | Hemangiosarcoma | Metastatic (Spleen) |
| | Hyperplasia | Mild |
| * Eye | Inflammation | Chronic, Minimal |
| Note: INFLAMMATION INVOLVES OPTIC NERVE (UNILATERAL). | | |
| * Harderian Gland | Inflammation | Chronic, Mild |
| * Islets, Pancreatic | Hyperplasia | Mild |
| * Kidney | Hyperplasia | Lymphoid, Moderate |
| * Liver | Basophilic Focus | |
| | Hemangiosarcoma | Metastatic (Spleen) |
| | Hepatocellular Adenoma | Multiple |
| | Necrosis | Focal, Marked |

Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6 AND 22. BASOPHILIC FOCUS IS ON SLIDE 22.

[Hemangiosarcoma TGLS = 5-23]

[Hepatocellular Adenoma TGLS = 4-22]

[Necrosis TGLS = 3-21,4-22]

- | | | |
|--------|--------------------------------|------------------|
| * Lung | Alveolar/Bronchiolar Carcinoma | |
| | Infiltration Cellular | Histiocyte, Mild |

[Alveolar/Bronchiolar Carcinoma TGLS = 8-26]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 667

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-90160

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular

Hyperplasia

Lymphoid, Mild

Pigmentation

Mild

* Lymph Node, Mesenteric

Hyperplasia

Lymphoid, Marked

[Hyperplasia TGLS = 6-5]

* Spleen

Hemangiosarcoma

Marked

[Hemangiosarcoma TGLS = 2-25]

[Hematopoietic Cell Proliferation TGLS = 2-25]

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91883

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
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
Note: HEPATOCELLULAR ADENOMA PRESENT ON SLIDES 6-2, 21, AND 25. [Hepatocellular Adenoma TGLS = 1-21,5-25] [Hepatocellular Carcinoma TGLS = 2-22,3-23,4-24]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Nose	Inflammation	Chronic, Minimal
* Parathyroid Gland	Cyst	Moderate
* Preputial Gland	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
	Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: INCISOR TOOTH DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Seminal Vesicle |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Thymus | * Trachea | | |

OBSERVATIONS

- | | | | |
|--|-------------|--------------------------|-------------------|
| * Islets, Pancreatic | | Hyperplasia | Moderate |
| * Liver | | Clear Cell Focus | |
| | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| [Hepatocellular Adenoma TGLS = 1-21] | | | |
| [Hepatocellular Carcinoma TGLS = 2-22] | | | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Inflammation | Chronic, Moderate |
| * Skin | Subcut Tiss | Fibrous Histiocytoma | |
| [Fibrous Histiocytoma TGLS = 3-23] | | | |
| * Thyroid Gland | | Degeneration | Cystic, Minimal |
| * Urinary Bladder | | Hyperplasia | Lymphoid, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-21]		
* Lymph Node, Mesenteric	Hemorrhage	Minimal
* Prostate	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* 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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Harderian Gland	Inflammation	Chronic, Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	

[Hepatocellular Adenoma TGLS = 1-6]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	Tooth	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney	Infarct	Minimal
	Nephropathy	Minimal
* Liver	Histiocytic Sarcoma	
* Lung	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
	Pigmentation	Mild
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]		
[Inflammation TGLS = 1-8]		
* Thyroid Gland	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 6-23]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Carcinoma	
		Cyst	Moderate
		Nephropathy	Minimal
Note: NEPHROPATHY IS EVIDENT PRIMARILY ON SLIDE 24.			
[Carcinoma TGLS = 2-24]			
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-21,4-22,5-6]			
* Lung		Carcinoma	Metastatic (Kidney)
		Edema	Mild
[Carcinoma TGLS = 8-2]			
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* 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	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Eye		Inflammation	Chronic, Moderate
Note: INFLAMMATION INVOLVES OPTIC NERVE (UNILATERAL).			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Necrosis	Focal, Mild
	[Hepatocellular Adenoma TGLS = 2-22]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 1-21]		
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: INCISOR TOOTH DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Necrosis	Focal, Moderate
Note: LIVER NECROSIS IS IS ON SLIDE 21. [Hepatocellular Adenoma TGLS = 1-21]			
* Preputial Gland		Inflammation	Chronic, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 570

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-88826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Pituitary Gland
--------------------------	-------------------

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
	Necrosis	Focal, Minimal
Note: HEPATOCLR ADEN ALSO PRESENT ON SLIDE 6.		
[Hepatocellular Adenoma TGLS = 6-24,8-25]		
[Hepatocellular Carcinoma TGLS = 4-22,5-23]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Edema	Mild
[Edema TGLS = 7-2]		
Mesentery	Liposarcoma	
[Liposarcoma TGLS = 3-21]		
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Ulcer	Moderate
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Mesentery Liposarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 570

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-88826

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Carcinoma	
[Clear Cell Focus TGLS = 1-6]		
[Eosinophilic Focus TGLS = 1-6]		
[Hepatocellular Carcinoma TGLS = 2-21]		
* Lymph Node, Mesenteric	Hematopoietic Cell Proliferation	Mild
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MALFORMATION OF INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Moderate
	Hypertrophy	Focal, Minimal
* Intestine Large, Cecum	Edema	Mild
* Islets, Pancreatic	Hyperplasia	Moderate
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6, 21, AND 23.		
[Clear Cell Focus TGLS = 2-6]		
[Hepatocellular Adenoma TGLS = 3-21,5-23]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-22]		
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]		
* Thyroid Gland	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MALFORMATION OF INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* 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	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-21]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Thymus
--------------------------	----------

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Adrenal Medulla	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
	Necrosis	Focal, Marked
[Hepatocellular Carcinoma TGLS = 2-21]		
[Necrosis TGLS = 3-22]		
* Lymph Node, Mesenteric	Hematopoietic Cell Proliferation	Marked
	Hyperplasia	Lymphoid, Moderate
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]		
[Inflammation TGLS = 1-8]		
* Thyroid Gland	Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Adrenal Cortex	Adenoma	
	Hyperplasia	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	
Note: CLEAR CELL FOCI PRESENT ON SLIDES 21 AND 22. [Clear Cell Focus TGLS = 2-22] [Hepatocellular Adenoma TGLS = 1-21]		
* Lung	Edema	Mild
* Spleen	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Thyroid Gland
---------------------	-----------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Cecum		Edema	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hyperplasia	Lymphoid, Mild
[Hepatocellular Adenoma TGLS = 2-21,3-22]			
* Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma Mixed Cell Focus	Multiple
Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6 AND 21. [Hepatocellular Adenoma TGLS = 1-21,2-22]		
* Lung	Hemorrhage	Minimal
[Hemorrhage TGLS = 4-2]		
* Preputial Gland	Inflammation	Chronic, Mild
[Inflammation TGLS = 3-8]		
* Stomach, Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-4]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6 AND 21. [Hepatocellular Adenoma TGLS = 2-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Note: THE FOCUS OF HYPERPLASIA HAS MILD DYSPLASIA IN THE AREA ADJACENT TO THE SUBMUCOSA.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Small, Ileum	* Thymus
--------------------------	----------

OBSERVATIONS

* Harderian Gland [Adenoma TGLS = 4-12]		Adenoma	
* Liver [Hepatocellular Adenoma TGLS = 3-22]		Hepatocellular Adenoma	Multiple
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Skin [Lipoma TGLS = 2-21]	Subcut Tiss	Lipoma	
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MALFORMATION OF INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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	

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
	Hypertrophy	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Cyst	Moderate
	Nephropathy	Mild
[Nephropathy TGLS = 2-5]		
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
	Infarct	Mild
	Mixed Cell Focus	
Note: SMALL FOCUS OF MINERALIZATION IN LIVER PARENCHYMA; NOT TABULATED.		
[Clear Cell Focus TGLS = 3-22]		
[Mixed Cell Focus TGLS = 5-23]		
Mesentery	Infarct	
[Infarct TGLS = 1-21]		
* Spleen	Hyperplasia	Lymphoid, Mild
* Thymus	Cyst	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Accessory Adrenal Cortical Nodule Hyperplasia Hyperplasia Edema	Moderate Mild Focal, Mild Mild
* Intestine Large, Cecum		Adenoma	
* Intestine Small, Jejunum		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Lymphoid, Mild
* Kidney		Clear Cell Focus Hepatocellular Adenoma Hepatocellular Carcinoma	
* Liver			
[Clear Cell Focus TGLS = 2-6]			
[Hepatocellular Adenoma TGLS = 2-6]			
[Hepatocellular Carcinoma TGLS = 2-6]			
* Preputial Gland		Cyst Inflammation	Moderate Chronic, Mild
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Minimal
* Kidney		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland		Degeneration	Cystic, Mild
Tooth		Malformation	

Note: TOOTH MALFORMATION ALSO PRESENT ON SLIDE 9.

[Malformation TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

Animal Note: AREA OF ANGIECTASIS IN BONE MARROW; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 153	TRT#: 7 DOSE: 2000MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 00-91904
----------------	---------------------------	---------------------------------------	-------------------------------------

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Clear Cell Focus Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-6]			
* Lymph Node, Mesenteric Mesentery	Fat	Hemorrhage Necrosis	Mild Moderate
[Necrosis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Thymus		Cyst	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: ESOPHAGUS IS PRESENT ON SLIDE 4.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 657

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-90124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* 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	* Trachea	

OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Chronic, Mild
* Kidney	Renal Tubule	Necrosis	Moderate
		Nephropathy	Marked
* Liver	Bile Duct	Hepatocellular Adenoma	
		Hyperplasia	Mild
		Necrosis	Focal, Marked
Note: PROMINENT KUPFFER CELLS IN LIVER; NOT TABULATED.			
[Hepatocellular Adenoma TGLS = 4-6]			
[Hyperplasia TGLS = 5-6]			
[Necrosis TGLS = 5-6]			
* Lung		Edema	Mild
		Hemorrhage	Minimal
* Lymph Node, Mandibular		Atrophy	Mild
		Pigmentation	Moderate
* Lymph Node, Mesenteric		Atrophy	Moderate
Mesentery		Inflammation	Chronic, Marked
	Fat	Necrosis	Marked
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Preputial Gland		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 154	TRT#: 7	SEX: Male	DAY ON TEST: 657
	DOSE: 2000MG/L	DISP: Moribund Sacrifice	HISTO: 00-90124

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-8]			
* Skin		Edema	Moderate
[Edema TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
* Urinary Bladder		Edema	Marked

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

Animal Note: MODERATE HYPERTROPHY OF MESENTERIC BLOOD VESSELS ADJACENT TO MESENTERIC LYMPH NO DE; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
	Capsule	Hyperplasia	Moderate
		Hyperplasia	Focal, Mild
* Kidney		Cyst	Moderate
		Hyperplasia	Lymphoid, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
		[Clear Cell Focus TGLS = 1-6]	
		[Hepatocellular Adenoma TGLS = 2-21]	
		[Mixed Cell Focus TGLS = 1-6]	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 288

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 99-86865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* 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, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Marked
Note: CARDIOMYOPATHY INVOLVES RIGHT VENTRICLE.			
* Kidney		Nephropathy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Heart Cardiomyopathy

Animal Note: MILD PERIARTERITIS IN MESENTERY ON SLIDE 7.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Epididymis		Granuloma Sperm	Marked
[Granuloma Sperm TGLS = 2-7]			
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 4-6]			
[Hepatocellular Adenoma TGLS = 3-21,4-6,5-22,6-23]			
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Stomach, Forestomach		Diverticulum	
[Diverticulum TGLS = 7-24]			
* Thymus		Cyst	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 721

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-91907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Foreign Body	
		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Marked
	Note: METASTATIC HEPATOCELLULAR CARCINOMA IS ON SLIDES 2, 22 AND 23.		
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-23]		
	[Hepatocellular Carcinoma TGLS = 4-22]		
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
	[Cyst TGLS = 1-8]		
	[Inflammation TGLS = 1-8]		
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 721

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-91907

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
[Cyst TGLS = 1-5]			
* Liver		Basophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
[Hemangiosarcoma TGLS = 2-21]			
[Hepatocellular Adenoma TGLS = 2-21]			
* Lung		Hemangiosarcoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
Note: MALIGNANT LYMPHOMA APPEARS TO BE IN AN EARLY STAGE.			
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: INCISOR TOOTH MODERATELY MALFORMED; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 160

TRT#: 7

DOSE: 2000MG/L

SEX: Male

DISP: Natural Death

DAY ON TEST: 616

HISTO: 00-89094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
* Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
		Lymphoma Malignant	

Note: BACTERIAL COLONIES PRESENT IN KIDNEY; NOT TABULATED.

[Dilatation TGLS = 1-5]

[Lymphoma Malignant TGLS = 1-5]

* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Lymphoma Malignant	

Note: BASOPHILIC FOCUS IS ON SLIDE 25.

[Eosinophilic Focus TGLS = 6-25]

[Lymphoma Malignant TGLS = 3-22]

Lymph Node	Mediastinal	Lymphoma Malignant	
------------	-------------	--------------------	--

Note: LYMPHOMA PRESENT IN MEDIASTINAL LYMPH NODE ON SLIDES 2 AND 23.

[Lymphoma Malignant TGLS = 4-23]

* Lymph Node, Mesenteric		Lymphoma Malignant	

[Lymphoma Malignant TGLS = 2-21]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 616

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-89094

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Lymphoma Malignant	
* Prostate		Lymphoma Malignant	
* Skin	Epidermis	Hyperplasia Inflammation	Moderate Chronic, Moderate
	[Hyperplasia TGLS = 5-24] [Inflammation TGLS = 5-24]		
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Moderate Mild
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Degeneration	Fatty, Minimal
	Hypertrophy	Focal, Minimal
* Kidney	Hyperplasia	Lymphoid, Moderate
	Nephropathy	Moderate
[Nephropathy TGLS = 2-6]		
* Liver	Clear Cell Focus	
* Lymph Node, Mandibular	Pigmentation	Mild
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Moderate
[Cyst TGLS = 1-8]		
[Inflammation TGLS = 1-8]		
Tooth	Malformation	
Note: TOOTH MALFORMATION (DYSPLASIA) IS PRIMARILY EVIDENT ON SLIDE 9.		
[Malformation TGLS = 3-21]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 4-6]			
[Hepatocellular Adenoma TGLS = 3-21]			
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Testes	Interstitial Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 640

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-89826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Parathyroid Gland
---------------	---------------------

INSUFFICIENT TISSUE

* Harderian Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Marked
* Epididymis	Atypia Cellular	Mild
* Heart	Thrombosis	Marked
[Thrombosis TGLS = 6-5]		
* Kidney	Nephropathy	Moderate
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]		
* Lung	Edema	Mild
	Hepatocellular Carcinoma	Metastatic (Liver)
	Infiltration Cellular	Histiocyte, Moderate
[Hepatocellular Carcinoma TGLS = 4-2-1,5-2-1]		
* Lymph Node, Mandibular	Pigmentation	Mild
* Lymph Node, Mesenteric	Hemorrhage	Moderate
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Testes	Germinal Epith	Atrophy
		Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 640

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-89826

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Moderate

* Thyroid Gland

Degeneration

Cystic, Mild

Follicular Cel

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 164

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* 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	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Harderian Gland [Adenoma TGLS = 4-12]	Adenoma	
* Kidney	Nephropathy	Minimal
* Liver [Clear Cell Focus TGLS = 2-6,3-21] [Hepatocellular Adenoma TGLS = 3-21] [Mixed Cell Focus TGLS = 2-6,3-21]	Clear Cell Focus Hepatocellular Adenoma Mixed Cell Focus	
* Lung	Hyperplasia	Lymphoid, Mild
* Sem Ves Note: TGL 1-7 IS SEMINAL VESICLE, HEMORRHAGE, MILD; MORPHOLOGY NOT AVAILABLE.		
* Thyroid Gland	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: ONE INCISOR TOOTH MODERATELY MALFORMED; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91912

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
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-21,2-6]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: FOCUS OF SQUAMOUS METAPLASIA IN MUCOSA OF GLANDULAR STOMACH EXTENDING FROM MUCO SAL SURFACE TO SUBMUCOSA; CONSIDERED MALFORMATION AND NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	Moderate
		Cyst	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Clear Cell Focus TGLS = 4-6]		
	[Cyst TGLS = 6-22]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Edema	Mild
		Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-21]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 2-8]		
* Spleen		Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLS = 3-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 605

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-88977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum * Intestine Small, Ileum

INSUFFICIENT TISSUE

* Intestine Small, Duodenum

OBSERVATIONS

* Harderian Gland		Adenoma	
* Heart		Inflammation	Chronic, Moderate
* Kidney	Renal Tubule	Necrosis	Marked
	[Necrosis TGLS = 2-5]		
* Nose		Inflammation	Chronic, Mild
* Spleen		Depletion Lymphoid	Moderate
	[Depletion Lymphoid TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

Animal Note: PLASMA CELL TUMOR PRESENT IN LIVER (TGL 3-6), LUNG, BRAIN, AND BONE MARROW; MOR PHOLOGY NOT AVAILABLE ON TDMS.

Animal Note: SEMINAL VESICLES MARKEDLY DILATED; NOT TABULATED.

Animal Note: MODERATE DYSPLASIA OF ONE INCISOR TOOTH; NOT TABULATED.

Animal Note: TGL 1 = No Corresponding Lesion (NCL)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* 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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-21,3-22]		
* Lung	Edema	Mild
	Hemorrhage	Mild
	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Hyperplasia	Lymphoid, Mild
		Metaplasia	Osseous, Moderate
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
Note: MIXED CELL FOCUS IS ON SLIDE 6.			
			[Eosinophilic Focus TGLS = 2-21]
			[Hepatocellular Adenoma TGLS = 2-21,3-22]
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Moderate
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Minimal
			[Hemorrhage TGLS = 4-23]
			[Hyperplasia TGLS = 4-23]
* Lymph Node, Mandibular		Pigmentation	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild
* Spleen		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 2000MG/L	DISP: Terminal Sacrifice	HISTO: 00-91915

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma
[Adenoma TGLS = 1-7]		

PRIMARY CAUSE OF DEATH -

Animal Note: INCISOR TOOTH MODERATELY DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 3-22]		
	[Hepatocellular Adenoma TGLS = 3-22]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-21]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Spleen		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 618

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-89095

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
	Hepatocyte	Karyomegaly	Mild
Note: EOSINOPHILIC FOCI PRESENT ON SLIDES 6 AND 23. [Eosinophilic Focus TGLS = 10-23] [Hepatocellular Carcinoma TGLS = 2-22]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: METASTATIC HEPATOCELLULAR CARCINOMA PRESENT ON SLIDES 2 AND 2-1. [Hepatocellular Carcinoma TGLS = 9-2-1]			
Mesentery		Hepatocellular Carcinoma	Metastatic (Liver)
Note: MESENTERIC METASTASIS OF HEPATOCELLULAR CARCINOMA PRESENT ON SLIDES 4, 5, 7, 10, AND 21. [Hepatocellular Carcinoma TGLS = 4-21]			
* Skin		Edema	Marked
[Edema TGLS = 3-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 171	TRT#: 7	SEX: Male	DAY ON TEST: 618
	DOSE: 2000MG/L	DISP: Moribund Sacrifice	HISTO: 00-89095

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Squamous Cell Papilloma	
* Testes	Necrosis	Moderate
[Necrosis TGLS = 5-7]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Hydronephrosis	Moderate
		Hyperplasia	Lymphoid, Mild
		Metaplasia	Osseous, Moderate
		Nephropathy	Mild

Note: OSSEOUS METAPLASIA IS ON SLIDE 22.

[Hydronephrosis TGLS = 2-22]

* Liver Hepatocellular Adenoma

[Hepatocellular Adenoma TGLS = 3-21]

* Lung Edema Mild
* Prostate Inflammation Chronic, Moderate

Note: FOCUS OF SPERMATAZOA IN INTERSTITIAL TISSUE OF PROSTATE; CONSIDERED INCIDENTAL AND NOT TABULATED.

* Salivary Glands Hyperplasia Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: INCISOR TOOTH MODERATELY DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* 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, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Intestine Small, Duodenum		Carcinoma	
[Carcinoma TGLS = 2-21]			
* Kidney		Cyst	Mild
		Hyperplasia	Lymphoid, Mild
		Nephropathy	Mild
* Lung		Edema	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
		Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 174

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
Note: HYPERPLASTIC ISLETS ARE ON SLIDE 24.			
* Kidney		Cyst	Moderate
		Hyperplasia	Lymphoid, Mild
		Infarct	Mild
* Liver	Hepatocyte	Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 5-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Lymphoid, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 6-23]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-5]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-24]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 694

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-90778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow	Histiocytic Sarcoma	
* Epididymis	Atypia Cellular	Mild
* Heart	Mineralization	Moderate
* Intestine Large, Cecum	Histiocytic Sarcoma	
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Hepatocellular Carcinoma	
	Histiocytic Sarcoma	
	Necrosis	Focal, Marked
[Hepatocellular Carcinoma TGLS = 6-21]		
[Histiocytic Sarcoma TGLS = 5-6]		
[Necrosis TGLS = 5-6]		
* Lung	Histiocytic Sarcoma	
	Infiltration Cellular	Histiocyte, Mild
	Histiocytic Sarcoma	
* Lymph Node, Mandibular		
[Histiocytic Sarcoma TGLS = 4-8]		
* Lymph Node, Mesenteric	Histiocytic Sarcoma	
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Moderate
[Cyst TGLS = 1-8]		
* Salivary Glands	Histiocytic Sarcoma	
* Skin	Edema	Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 694

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-90778

ORGAN AND ACCOUNTABLE SITE STATUS

Histiocytic Sarcoma

[Hematopoietic Cell Proliferation TGLS = 3-6]

[Histiocytic Sarcoma TGLS = 3-6]

* Stom Forestom

Note: MILD EDEMA IN FORESTOMACH; NOT TABULATED.

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- Liver Histiocytic Sarcoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

Animal Note: MIXED CELL INFILTRATE IN SUBMUCOSA OF GLANDULAR STOMACH; CONSIDERED SECONDARY TO HISTIOCYTIC SARCOMA AND NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 711

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-90953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Thymus
--------------------------	----------

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Epididymis	Inflammation	Chronic, Moderate
* Harderian Gland	Inflammation	Chronic, Marked
[Inflammation TGLS = 4-22]		
* Intestine Small, Jejunum	Carcinoma	
Note: CARCINOMA IS INFILTRATING MUSCULATURE OF ABDOMINAL WALL.		
[Carcinoma TGLS = 8-23]		
* Liver	Hepatocellular Carcinoma	
	Necrosis	Focal, Marked
[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Hepatocellular Carcinoma	Metastatic (Liver)
	Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 3-24]		
* Lymph Node, Mesenteric	Hemorrhage	Marked
* Nose	Foreign Body	
	Inflammation	Chronic, Marked
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Moderate
* Spleen	Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 711

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-90953

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular
[Ulcer TGLS = 6-25]

Ulcer

Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Intestine Small;Jejunum Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 465

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-88230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	Tooth
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Epididymis	Atypia Cellular	Moderate
* Kidney	Nephropathy	Mild
* Nose	Foreign Body Inflammation	Chronic, Moderate
Note: NOSE LESIONS ARE PRESENT ON SLIDE 21.		
* Pancreas [Cyst TGLS = 3-7]	Cyst	Moderate
* Preputial Gland [Cyst TGLS = 1-8]	Cyst Inflammation	Moderate Chronic, Mild
* Testes	Atrophy	Moderate
* Thymus	Atrophy	Mild
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-12]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCELLULAR ADENOMA PRESENT ON SLIDES 6 AND 21.			
[Eosinophilic Focus TGLS = 3-22]			
[Hepatocellular Adenoma TGLS = 1-21]			
* Nose		Inflammation	Chronic, Mild
* Salivary Glands		Atrophy	Mild
		Hyperplasia	Lymphoid, Mild
* Testes	Germinal Epith	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: INCISOR TOOTH MODERATELY DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* 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	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Pancreas	Cyst	Moderate
[Cyst TGLS = 3-22]		
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]		
* Seminal Vesicle	Degeneration	Marked
Note: SECRETORY MATERIAL APPEARS DEGENERATED (FLOCCULAR).		
[Degeneration TGLS = 2-21]		
* Spleen	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Cecum		Carcinoma	
[Carcinoma TGLS = 7-4]			
* Intestine Small, Duodenum		Carcinoma	Metastatic (Islets, Pancreatic)
	Epithelium	Hyperplasia	Moderate
* Islets, Pancreatic		Carcinoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 6-22]			
* Kidney		Cyst	Moderate
* Liver		Carcinoma	Metastatic (Islets, Pancreatic)
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 5-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91922

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Minimal
* Liver [Hepatocellular Adenoma TGLS = 1-21,3-23]	Hepatocellular Adenoma	Multiple
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 652

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-89976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6 AND 21.			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: METASTATIC HEPATOCELLULAR CARCINOMA IS ON SLIDES 2, 24, AND 25.			
Lymph Node	Mediastinal	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Ulcer	Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 652

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-89976

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Degeneration

Cystic, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

Animal Note: MALFORMATION OF INCISOR TOOTH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1-6]	Vacuolization Cytoplasmic	Moderate
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 2-21]		

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

Animal Note: INCISOR TOOTH MODERATELY DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 664

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-90125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* 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	

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum
---------------	--------------------------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 6-23]			
* Kidney	Renal Tubule	Dilatation	Mild
		Hyperplasia	Lymphoid, Moderate
* Liver	Centrilobular	Hepatocellular Carcinoma	Multiple
		Necrosis	Marked
[Hepatocellular Carcinoma TGLS = 3-21,4-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: LENS FROM ONE EYE ARTIFACTUALLY EXTRUDED; NO LESION OBSERVED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-6]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Mild
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Moderate
Note: THE HYPERPLASTIC EPITHELIUM APPEARS TO BE MILDLY DYSPLASTIC IN SOME AREAS; NOT TABULATED.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Mild
Note: HEPATOBLASTOMA IS FORMING CYSTIC AREAS FILLED WITH AMORPHOUS MATERIAL; NOT TABULATED.			
[Hepatoblastoma TGLS = 3-22]			
[Hepatocellular Adenoma TGLS = 4-21]			
* Lung		Edema	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186	TRT#: 7	SEX: Male	DAY ON TEST: 734
	DOSE: 2000MG/L	DISP: Terminal Sacrifice	HISTO: 00-91926

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-21,3-6]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Bone		Fracture	
	[Fracture TGLS = 3-23]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Note: EOSINOPHILIC FOCUS IS ON SLIDE 22.		
	[Hepatocellular Adenoma TGLS = 2-22,4-24]		
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 1-21]		
* Preputial Gland		Cyst	Moderate
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 719

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-91929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* 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	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Bone Marrow	Hyperplasia	Mild
* Harderian Gland	Adenoma	
* Islets, Pancreatic	Adenoma	
[Adenoma TGLS = 5-23]		
* Kidney	Nephropathy	Moderate
* Liver	Hepatoblastoma	
[Hepatoblastoma TGLS = 4-22]	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-21]		
* Lung	Alveolar/Bronchiolar Adenoma	
Note: LEUKOCYTOSIS IN VASCULATURE OF LUNGS; CONSIDERED SECONDARY TO NEOPLASIA AND NOT TABULATED.		
[Alveolar/Bronchiolar Adenoma TGLS = 6-24]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]		
* Prostate	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 719

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-91929

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Degeneration

Cystic, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatoblastoma

Animal Note: INCISOR TOOTH MODERATELY DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma Hyperplasia Hypertrophy	Focal, Minimal Focal, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst Metaplasia Nephropathy	Moderate Osseous, Mild Minimal
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	
			[Clear Cell Focus TGLS = 5-23] [Eosinophilic Focus TGLS = 5-23] [Hepatocellular Adenoma TGLS = 3-22] [Hepatocellular Carcinoma TGLS = 2-21]
* Lung		Edema Hemorrhage	Mild Moderate
			[Hemorrhage TGLS = 4-2]
* Lymph Node, Mandibular		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91930

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Chronic, Moderate

[Cyst TGLS = 1-8]

[Inflammation TGLS = 1-8]

* Thymus

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: INCISOR TOOTH MILDLY DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 535

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-88454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
		Hypertrophy	Focal, Moderate
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 4-23]			
[Hepatocellular Adenoma TGLS = 2-21]			
Skeletal Muscle		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 3-22]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Skeletal Muscle Rhabdomyosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
	Capsule	Hyperplasia	Mild
		Hypertrophy	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Inflammation	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Hyperplasia	Lymphoid, Moderate
		Infarct	Moderate
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
* Seminal Vesicle		Degeneration	Mild
Note: MODERATE HEMORRHAGE WITHIN SECRETIONS (TGL 2-7); MORPHOLOGY NOT AVAILABLE.			
[Degeneration TGLS = 2-7]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
[Hyperplasia TGLS = 3-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91931

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

Animal Note: TOOTH MALFORMATION; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Moderate
* Kidney	Nephropathy	Mild
* Liver	Basophilic Focus	
	Hepatoblastoma	
	Hepatocellular Adenoma	Multiple
	Necrosis	Focal, Marked
Note: BASOPHILIC FOCUS IS ON SLIDE 22. [Hepatoblastoma TGLS = 1-6] [Hepatocellular Adenoma TGLS = 1-6,1-22] [Necrosis TGLS = 2-21]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild
* Stomach, Forestomach	Diverticulum	

PRIMARY CAUSE OF DEATH -

Animal Note: INCISOR TOOTH DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-6]	Mixed Cell Focus	
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]	Inflammation	Chronic, Minimal
* Thymus	Cyst	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	Moderate
Note: HEPATOCELLULAR ADENOMA IS PRESENT ON SLIDES 6 AND 21. [Hepatocellular Adenoma TGLS = 2-21] [Mixed Cell Focus TGLS = 4-23]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
			[Alveolar/Bronchiolar Adenoma TGLS = 3-22]
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Cyst	Moderate
			[Cyst TGLS = 1-8]
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: FOCUS OF MILD ANGIOECTASIS AND FIBROSIS IN PANCREAS ADJACENT TO AN ISLET; NOT TAB ULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Hypertrophy	Focal, Mild
* Bone		Fracture	
[Fracture TGLS = 1-22]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-21]		Mixed Cell Focus	
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
[Cyst TGLS = 2-8]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

Note: FOLLICULAR CELL HYPERPLASIA INVOLVES A SINGLE FOLLICLE.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91935

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: INCISOR TOOTH DYSPLASTIC (MALFORMATION); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-91936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

* Kidney		Hyperplasia Nephropathy Clear Cell Focus Eosinophilic Focus	Lymphoid, Mild Moderate
* Liver			
[Clear Cell Focus TGLS = 2-6]			
[Eosinophilic Focus TGLS = 2-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 640

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-89827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Harderian Gland	Hyperplasia	Focal, Mild
* Intestine Large, Cecum	Edema	Mild
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
Note: MODERATE GLYCOGEN DEPLETION IN LIVER; NOT TABULATED. [Hepatocellular Adenoma TGLS = 3-21]		
* Lung	Alveolar/Bronchiolar Carcinoma	
	Hemorrhage	Mild
	Hyperplasia	Lymphoid, Mild
	Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 2-2]		
* Nose	Inflammation	Chronic, Moderate
Note: BACTERIAL COLONIES IN NASAL MEATUSSES.		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Testes	Angiectasis	Marked
[Angiectasis TGLS = 1-7]		
* Thyroid Gland	Degeneration	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 640

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-89827

ORGAN AND ACCOUNTABLE SITE STATUS

* Urin Bladder

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 570

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-88822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hepatocellular Carcinoma	Metastatic (Liver)
* Intestine Small, Jejunum [Carcinoma TGLS = 6-23]		Carcinoma	
* Kidney [Dilatation TGLS = 2-5]	Renal Tubule Renal Tubule	Dilatation Hyperplasia	Moderate Minimal
* Liver Note: MODERATE GLYCOGEN DEPLETION IN LIVER; NOT TABULATED. [Hepatocellular Carcinoma TGLS = 4-22]		Hepatocellular Carcinoma Necrosis	Focal, Minimal
* Lung [Hepatocellular Carcinoma TGLS = 8-2]		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric [Hyperplasia TGLS = 5-5]		Hyperplasia	Lymphoid, Mild
Mesentery Note: FOREIGN BODY (FOOD MATERIAL) WITHIN MENSENTERIC LESION ON SLIDE 24. [Inflammation TGLS = 7-24] [Necrosis TGLS = 7-24]	Fat	Inflammation Necrosis	Chronic, Marked Moderate
* Preputial Gland		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 570

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-88822

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8]		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Moderate
Skeletal Muscle		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 9-25]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Intestine Small;Jejunum Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 595

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-88896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* 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	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 11-25]			
* Kidney		Infarct	Moderate
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
	Centrilobular	Histiocytic Sarcoma	
[Hepatocellular Adenoma TGLS = 12-26]		Necrosis	Mild
[Histiocytic Sarcoma TGLS = 7-22]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
		Infiltration Cellular	Histiocyte, Marked
Note: TGL 10-24 IS METASTATIC TUMOR IN MEDIASTINUM AND PARIETAL PLEURA.			
[Carcinoma TGLS = 8-2,10-24]			
Lymph Node	Mediastinal	Carcinoma	Metastatic (Harderian Gland)
	Mediastinal	Hemorrhage	Moderate
[Carcinoma TGLS = 9-23]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 200	TRT#: 7 DOSE: 2000MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 595 HISTO: 00-88896
-----------------------	---	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular Mesentery Note: HISTIOCYTIC SARCOMA ALSO PRESENT IN MESENTERY ON SLIDES 4 AND 7. [Histiocytic Sarcoma TGLS = 4-21]	Hyperplasia Histiocytic Sarcoma	Lymphoid, Moderate
* Parathyroid Gland * Preputial Gland [Cyst TGLS = 1-8]	Cyst Cyst Inflammation	Moderate Moderate Chronic, Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 5-6]	Hematopoietic Cell Proliferation	Marked
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- Harderian Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 201

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
Note: SMALL CYST IN ADRENAL CORTEX; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Eye	Cornea	Hyperplasia Inflammation	Moderate Chronic, Moderate
[Inflammation TGLS = 2-44]			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Kidney		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 202

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia Lymphoma Malignant Hepatocellular Adenoma	Mild
* Liver			
Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6 AND 21. [Hepatocellular Adenoma TGLS = 3-21]			
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Minimal
[Hematopoietic Cell Proliferation TGLS = 1-6] [Lymphoma Malignant TGLS = 1-6]			
* Thymus		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

Animal Note: GALLBLADDER PRESENT AND NORMAL.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 203

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Ovary

OBSERVATIONS

* Kidney		Hyperplasia Nephropathy	Lymphoid, Mild Minimal
* Liver		Hyperplasia Tension Lipidosis	Lymphoid, Mild
* Lung		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-21]			
* Pancreas		Atrophy	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Skin	Subcut Tiss	Schwannoma Malignant	
Note: SECTION OF THE MALIGNANT SCHWANNOMA WAS ALSO INADVERTENTLY PLACED ALONG WITH MESENTERIC LESION ON SLIDE 21.			
[Schwannoma Malignant TGLS = 4-22]			
* Spleen		Hematopoietic Cell Proliferation Hyperplasia	Mild Lymphoid, Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Angiectasis Hyperplasia	Mild Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 203

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91941

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 204

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Natural Death

DAY ON TEST: 588
HISTO: 00-88897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Kidney	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Salivary Glands	* Trachea
--------------------------	-------------------	-----------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Islets, Pancreatic
* Pancreas			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Bone Marrow	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
Note: MALIGNANT LYMPHOMA IS ON SLIDES 6 AND 21. [Lymphoma Malignant TGLS = 3-21]		
* Lung	Edema	Mild
	Lymphoma Malignant	
[Edema TGLS = 7-2] [Lymphoma Malignant TGLS = 6-23,7-2]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
Mesentery	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-22]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 2-6] [Lymphoma Malignant TGLS = 2-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 204

TRT#: 2

SEX: Female

DAY ON TEST: 588

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 00-88897

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Lymphoma Malignant

[Lymphoma Malignant TGLS = 5-2]

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 205

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 591
HISTO: 00-88898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Hyperplasia	Lymphoid, Mild
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Mild
Note: MODERATE GLYCOGEN DEPLETION IN LIVER; NOT TABULATED. [Hepatocellular Adenoma TGLS = 5-23]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Ectasia	Mild
		Hemorrhage	Minimal
Mesentery	Fat	Necrosis	Moderate
		Schwannoma Malignant	Metastatic (Skin)
[Necrosis TGLS = 2-22] [Schwannoma Malignant TGLS = 1-21]			
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 6-24,7-25]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 205

TRT#: 2

SEX: Female

DAY ON TEST: 591

DOSE: 0 MG/L

DISP: Moribund Sacrifice

HISTO: 00-88898

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 4-6]

* Thyroid Gland

* Uterus

[Hyperplasia TGLS = 3-7]

Pigmentation

Moderate

Degeneration

Cystic, Moderate

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Schwannoma Malignant

Animal Note: METASTATIC MALIGNANT SCHWANNOMA ALSO PRESENT ON SLIDES 7, 9, AND 10.

Animal Note: OPTIC NERVE IS PRESENT ON SLIDE 12 WITH HARDERIAN GLAND.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 206

TRT#: 2

DOSE: 0 MG/L

SEX: Female

DISP: Natural Death

DAY ON TEST: 597

HISTO: 00-88944

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, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Islets, Pancreatic	* Pancreas
----------------------	------------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum
---------------	-----------------------------	--------------------------

OBSERVATIONS

* Heart		Mineralization	Mild
* Liver		Clear Cell Focus	
		Necrosis	Focal, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21,7-22]			
* Nose		Carcinoma	
Note: UNDIFFERENTIATED NEOPLASM PRESENT IN SECOND AND THIRD NASAL SECTIONS ON SLIDE 9.			
* Skin	Epidermis	Hyperplasia	Mild
[Hyperplasia TGLS = 8-23]			
* Thymus		Atrophy	Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 6-7]			

PRIMARY CAUSE OF DEATH

- Nose Carcinoma

Animal Note: STOMACH IS MARKEDLY DILATED (TGL 2); MORPHOLOGY NOT AVAILABLE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 207

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Harderian Gland [Adenoma TGLS = 4-12]		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Liver Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6, 21, 22, AND 23. [Hepatocellular Adenoma TGLS = 2-21,3-22,6-23]		Hepatocellular Adenoma	Multiple
* Mammary Gland		Hyperplasia	Mild
* Ovary		Angiectasis	Moderate
* Pancreas		Atrophy	Moderate
* Pituitary Gland [Adenoma TGLS = 5-1]	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thymus		Cyst	Moderate
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus [Hyperplasia TGLS = 1-7]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 208

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
Note: THE PHEOCHROMOCYTOMA IS SMALL BUT APPEARS TO BE WITHIN A BLOOD VESSEL ON THE CORTICAL SURFACE.			
* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Cecum		Edema	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Mixed Cell Focus	
Note: MIXED CELL FOCUS IS ON SLIDE 24.			
[Hepatocellular Adenoma TGLS = 6-24]			
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-22]			
[Lymphoma Malignant TGLS = 11-23]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-5]			
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-21]			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 208

TRT#: 2

DOSE: 0 MG/L

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 00-91943

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 5-6] [Lymphoma Malignant TGLS = 5-6]	Pigmentation	Moderate
* Stomach, Forestomach	Lymphoma Malignant	
* Thymus [Lymphoma Malignant TGLS = 9-2]	Lymphoma Malignant	
* Thyroid Gland	Degeneration	Cystic, Minimal
* Urinary Bladder	Lymphoma Malignant	
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7] [Lymphoma Malignant TGLS = 4-7]	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 209

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-6,3-21,4-22,5-23]		
* Spleen	Hematopoietic Cell Proliferation	Mild
	Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Degeneration	Cystic, Mild
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 210

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Heart | * 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 |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | |
|-------------------|----------------------------------|-----------------|
| * Harderian Gland | Adenoma | |
| * Liver | Necrosis | Focal, Minimal |
| * Lung | Hemorrhage | Minimal |
| * Spleen | Hematopoietic Cell Proliferation | Mild |
| | Hyperplasia | Lymphoid, Mild |
| | Pigmentation | Mild |
| * Thyroid Gland | Degeneration | Cystic, Minimal |
| * Uterus | Hyperplasia | Cystic, Marked |
| | Polyp Stromal | |

Note: STROMAL POLYP (SLIDE 21) IS NECROTIC.

[Hyperplasia TGLS = 2-7]

[Polyp Stromal TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 211

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6 AND 21. [Hepatocellular Adenoma TGLS = 3-21]			
* Lung		Hemorrhage	Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Thyroid Gland		Degeneration	Cystic, Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 212

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Ovary
--------------------------	---------

OBSERVATIONS

* Liver	Hepatocellular Adenoma Mixed Cell Focus	Multiple
[Hepatocellular Adenoma TGLS = 3-21,4-22]		
* Spleen	Hematopoietic Cell Proliferation Hyperplasia Pigmentation	Minimal Lymphoid, Moderate Moderate
* Thyroid Gland	Degeneration	Cystic, Moderate
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7,2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 213

TRT#: 2

SEX: Female

DAY ON TEST: 271

DOSE: 0 MG/L

DISP: Accidentally Killed

HISTO: 99-87560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Lung
* Salivary Glands

* Adrenal Medulla
* Esophagus
* Intestine Large, Cecum
* Lymph Node, Mandibular
* Skin

* Bone
* Eye
* Intestine Large, Rectum
* Mammary Gland
* Thymus

* Bone Marrow
* Harderian Gland
* Kidney
* Nose
* Uterus

MISSING

* Parathyroid Gland

* Pituitary Gland

* Thyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder
* Intestine Small, Jejunum
Mesentery
* Stomach, Forestomach

* Intestine Large, Colon
* Islets, Pancreatic
* Ovary
* Stomach, Glandular

* Intestine Small, Duodenum
* Liver
* Pancreas
* Urinary Bladder

* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Spleen

INSUFFICIENT TISSUE

* Clitoral Gland

* Trachea

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: DUE TO AN ERROR IN THE TDMS PROGRAM, A CAUSE OF DEATH (ENTERED AS "UNCERTAIN") WAS REQUIRED BEFORE ASSIGNING "ANIMAL COMPLETE" STATUS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 214

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Eye	Cornea	Hyperplasia Inflammation	Moderate Chronic, Moderate
	[Hyperplasia TGLS = 1-44]		
	[Inflammation TGLS = 1-44]		
* Harderian Gland		Carcinoma	
	Note: PORTIONS OF THE HARDERIAN GLAND CARCINOMA ARE SCLEROTIC WITH LITTLE EPITHELIAL COMPONENT.		
	[Carcinoma TGLS = 5-12]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hemangioma	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
	[Hepatocellular Adenoma TGLS = 4-6,4-22]		
* Lung		Edema	Mild
		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 6-21]		
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 214

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91948

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-6]

* Stomach, Forestomach

Diverticulum

Note: SMALL FOREIGN BODY IN MUSCULARIS; NOT TABULATED.

* Uterus

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 215

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Liver	Eosinophilic Focus	
	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant	
	Mixed Cell Focus	
[Eosinophilic Focus TGLS = 7-24]		
[Mixed Cell Focus TGLS = 5-23]		
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5]		
Mesentery	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-22]		
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6]		
[Lymphoma Malignant TGLS = 1-6]		
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH -

Animal Note: THE MALIGNANT LYMPHOMA IN SOME AREAS IS DIFFERENTIATED TOWARD THE HISTIOCYTIC TYPE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 215

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: 00-91949

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 216

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-12]			
* Lung		Foreign Body	
		Hemorrhage	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Marked
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
Note: FOCUS OF FIBROSIS AND NECROSIS IN LYMPH NODE ON SLIDE 22; NOT TABULATED.			
[Hemorrhage TGLS = 4-22]			
[Pigmentation TGLS = 4-22]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Thyroid Gland		Degeneration	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 216	TRT#: 2 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 00-91950
ORGAN AND ACCOUNTABLE SITE STATUS			
* Uterus [Hyperplasia TGLS = 1-7]		Hyperplasia	Cystic, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 217

TRT#: 2

SEX: Female

DAY ON TEST: 440

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 99-88019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Kidney	* Mammary Gland	* Nose	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Intestine Small, Ileum	* Parathyroid Gland
--------------------------	---------------------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-2]			
Lymph Node	Bronchial	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-22]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-21]			
* Ovary		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Marked
Note: AUTOLYSIS PRECLUDES ACCURATE EVALUATION OF SPLEEN; CELLULAR RESPONSE BELIEVED TO BE HEMATOPOIESIS AND NOT MALIGNANT LYMPHOMA.			
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 217

TRT#: 2

SEX: Female

DAY ON TEST: 440

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 99-88019

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 218

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Kidney	Renal Tubule	Hyperplasia Pigmentation Eosinophilic Focus	Lymphoid, Mild Moderate
* Liver			
[Eosinophilic Focus TGLS = 5-6]			
* Lymph Node, Mandibular Mesentery		Hyperplasia Angiectasis	Lymphoid, Mild Moderate
[Angiectasis TGLS = 1-21]			
* Ovary		Cyst Thrombosis	Marked
[Cyst TGLS = 4-7]			
[Thrombosis TGLS = 3-7]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Pigmentation	Moderate Mild
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 218

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: 00-91951

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 219

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 8-6]			
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-23]			
[Lymphoma Malignant TGLS = 7-24]			
[Lymphoma Malignant TGLS = 10-25]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-22]			
* Ovary		Luteoma	
		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 219	TRT#: 2 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 00-91952
-----------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 1-6] [Lymphoma Malignant TGLS = 1-6]	Hematopoietic Cell Proliferation Lymphoma Malignant	Mild
* Thymus [Lymphoma Malignant TGLS = 9-2]	Lymphoma Malignant	
* Urinary Bladder	Hyperplasia	Lymphoid, Mild
* Uterus [Hyperplasia TGLS = 2-7]	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 220

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: 00-91953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Moderate
		Mixed Cell Focus	
		Tension Lipidosis	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 4-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Inguinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]			
* Lymph Node, Mandibular		Lymphoma Malignant	
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Oral Mucosa		Squamous Cell Carcinoma	
Note: SQUAMOUS CELL CARCINOMA INVOLVES MUCOSA ADJACENT TO INCISOR TOOTH ON 3RD NASAL SECTION ON SLIDE 9.			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Lymphoma Malignant TGLS = 3-6]			
* Stomach, Forestomach		Diverticulum	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 220	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 00-91953

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Degeneration	Cystic, Moderate
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

Animal Note: MALIGNANT LYMPHOMA INFILTRATE IN MESENTERY ADJACENT TO OVARY ON SLIDE 7.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 221

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
	Lymphoma Malignant	
	Necrosis	Focal, Minimal
[Hepatocellular Adenoma TGLS = 5-21,6-22]		
[Lymphoma Malignant TGLS = 4-6]		
* Lung	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular	Lymphoma Malignant	
	Pigmentation	Mild
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Ovary	Cyst	
[Cyst TGLS = 1-7]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 3-6]		
[Lymphoma Malignant TGLS = 3-6]		
* Thymus	Hyperplasia	Lymphoid, Moderate
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 222

TRT#: 2

SEX: Female

DAY ON TEST: 674

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 00-90179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Intestine Large, Cecum		Hemorrhage	Marked
[Hemorrhage TGLS = 5-4]			
* Intestine Large, Colon		Hemorrhage	Moderate
[Hemorrhage TGLS = 6-4]			
* Liver		Infiltration Cellular	Mixed Cell, Moderate
	Centrilobular	Necrosis	Moderate
	Kupffer Cell	Pigmentation	Mild
[Infiltration Cellular TGLS = 1-6]			
[Necrosis TGLS = 1-6]			
* Lung		Edema	Mild
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Nose			
Note: MILD CHRONIC INFLAMMATION IN NOSE; NOT TABULATED.			
* Ovary		Luteoma	
Note: THERE APPEAR TO BE TWO SEPARATE TUMORS IN THE SAME OVARY.			
* Salivary Glands		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 222

TRT#: 2

DOSE: 0 MG/L

SEX: Female

DISP: Natural Death

DAY ON TEST: 674

HISTO: 00-90179

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Lymphoma Malignant TGLS = 4-6]	Lymphoma Malignant	
* Thyroid Gland	Degeneration	Cystic, Mild
* Urinary Bladder Note: INFUSION ARTIFACT IN URINARY BLADDER.	Hyperplasia	Lymphoid, Mild
* Uterus [Hyperplasia TGLS = 3-7]	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

Animal Note: THE MALIGNANT LYMPHOMA HAS SOME FEATURES OF A PLASMA CELL TUMOR.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 223

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 00-91955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Mild
	Kupffer Cell	Pigmentation	Mild
Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6 AND 23.			
[Eosinophilic Focus TGLS = 7-24]			
[Hepatocellular Adenoma TGLS = 6-23]			
* Lymph Node, Mandibular		Pigmentation	Moderate
* Ovary		Cyst	
[Cyst TGLS = 4-7]			
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 224

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Eye			
Note: FOLDS IN OUTER NUCLEAR LAYER OF RETINA; CONSIDERED POSSIBLE ARTIFACTUAL CHANGE AND NOT TABULATED.			
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-6]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Cystadenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Thyroid Gland		Degeneration	Cystic, Moderate
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: SMALL FOCI OF MIXED INFLAMMATORY CELLS IN MESENTERY ; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 225

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Natural Death

DAY ON TEST: 606
HISTO: 00-88978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Colon	* Intestine Small, Duodenum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Heart	* Intestine Small, Ileum	* Lymph Node, Mandibular	* Salivary Glands
* Thymus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum
--------------------------	---------------------------

INSUFFICIENT TISSUE

* Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Kidney		Hyperplasia	Lymphoid, Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 6-22,7-23,8-24]		
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Marked
	Note: HEMANGIOSARCOMA IS ON SLIDES 6 AND 21.		
	[Hemangiosarcoma TGLS = 3-21]		
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 225

TRT#: 2

SEX: Female

DAY ON TEST: 606

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 00-88978

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 226

TRT#: 2

DOSE: 0 MG/L

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 00-91957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Marked
		Lymphoma Malignant	
[Hemorrhage TGLS = 4-22]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen		Lymphoma Malignant	
		Pigmentation	Moderate
[Lymphoma Malignant TGLS = 2-6]			
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 227

TRT#: 2

SEX: Female

DAY ON TEST: 576

DOSE: 0 MG/L

DISP: Moribund Sacrifice

HISTO: 00-88841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland [Adenoma TGLS = 7-23]		Adenoma	
* Kidney [Dilatation TGLS = 3-5]	Renal Tubule	Dilatation	Moderate
* Liver [Clear Cell Focus TGLS = 6-22] [Vacuolization Cytoplasmic TGLS = 5-6]	Hepatocyte	Clear Cell Focus Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mesenteric Mesentery [Necrosis TGLS = 2-21]	Fat	Atrophy Necrosis	Moderate Mild
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation Pigmentation	Moderate Mild Mild
* Stomach, Forestomach Note: ULCER ALSO PRESENT ON SLIDE 4. [Ulcer TGLS = 8-24]		Ulcer	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus [Inflammation TGLS = 1-7]		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 227

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 576
HISTO: 00-88841

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Uterus Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 228

TRT#: 2

SEX: Female

DAY ON TEST: 524

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 00-88402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-22]			
* Lung		Foreign Body	
		Thrombosis	Mild
Note: ASPIRATED PLANT MATERIAL IN AIR PASSAGE.			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Ovary		Thrombosis	Moderate
* Spleen		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 229

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland	* Parathyroid Gland
------------------	---------------------

OBSERVATIONS

* Brain		Compression	Marked
[Compression TGLS = 8-1]			
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 4-22,5-23,6-24]			
* Lung		Hemorrhage	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
Note: MODERATE AMOUNT OF SUPPURATIVE INFLAMMATION AND MINERALIZATION IN MESENTERY ON SLIDE 25; NOT TABULATED.			
[Necrosis TGLS = 1-21,7-25]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 229

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: 00-91958

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland
* Uterus

Hyperplasia
Pigmentation
Degeneration
Hyperplasia

Lymphoid, Marked
Moderate
Cystic, Mild
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 230

TRT#: 2

SEX: Female

DAY ON TEST: 660

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 00-90126

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, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	Oral Mucosa	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum
---------------	--------------------------	-----------------------------

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 2-22]			
* Kidney	Renal Tubule	Necrosis	Moderate
* Liver		Eosinophilic Focus	
	Hepatocyte	Necrosis	Focal, Marked
* Lung		Vacuolization Cytoplasmic	Marked
Mesentery	Fat	Edema	Mild
[Necrosis TGLS = 1-21]		Necrosis	Marked
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

- Adrenal Medulla Pheochromocytoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 231

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 5-23,6-6]			
[Hepatocellular Adenoma TGLS = 4-22]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-21]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Thymus		Cyst	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 231

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91959

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 232

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* 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
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Minimal
* Bone	Hyperostosis	Moderate
Note: HYPEROSTOSIS IS ACTUALLY A SPONTANEOUS "FIBRO-OSSEOUS LESION" OBSERVED IN SOME FEMALE B6C3F1 MICE.		
* Liver	Basophilic Focus	
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-6]		
* Lung	Hemorrhage	Mild
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Ovary	Granulosa Cell Tumor Benign	
Note: AREA OF MARKED ANGIECTASIS WITHIN GRANULOSA CELL TUMOR.		
[Granulosa Cell Tumor Benign TGLS = 1-7]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Hyperplasia	Lymphoid, Mild
	Pigmentation	Mild
* Thyroid Gland	Degeneration	Cystic, Mild
* Uterus	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 233

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Natural Death

DAY ON TEST: 630
HISTO: 00-89828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery		Hemorrhage	Marked
	Fat	Necrosis	Marked
[Hemorrhage TGLS = 1-21]			
[Necrosis TGLS = 3-22]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Cyst	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Mesentery Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 234

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Harderian Gland	Hyperplasia	Focal, Mild
* Liver	Eosinophilic Focus	
* Lymph Node, Mesenteric	Hematopoietic Cell Proliferation	Mild
* Parathyroid Gland	Cyst	Mild
* Spleen	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Mild
* Thymus	Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Degeneration	Cystic, Moderate
* Uterus	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER. CYSTIC COMPARTMENT WITHIN GALLBLADDER; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 235

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Hyperplasia	Lymphoid, Mild
[Hepatocellular Adenoma TGLS = 3-6]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
	Pigmentation	Mild
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant	
	Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]		
[Lymphoma Malignant TGLS = 1-6]		
* Thymus	Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Degeneration	Cystic, Moderate
* Uterus	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 236

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Esophagus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-12]			
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-22]			
Lymph Node	Renal	Hemorrhage	Marked
[Hemorrhage TGLS = 2-21]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 237

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-22]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
	Renal Tubule	Pigmentation	Mild
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hemorrhage	Marked
Note: NECROSIS AND CHRONIC INFLAMMATION WITHIN AREAS OF HEMORRHAGE; NOT TABULATED.			
[Hemorrhage TGLS = 1-21]			
* Ovary		Cyst	
* Spleen		Lymphoma Malignant	
		Pigmentation	Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-2]			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 238

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Intestine Large, Cecum		Edema	Mild
* Ovary		Angiectasis	Mild
		Luteoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Adenoma	
		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 239

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla | * Bone | * Brain | * Clitoral Gland |
| * Esophagus | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Trachea |
| * Urinary Bladder | | | |

INSUFFICIENT TISSUE

- | | | | |
|--------|----------|--|--|
| * Skin | * Thymus | | |
|--------|----------|--|--|

OBSERVATIONS

- | | | | |
|--|-------------|--------------------------|--------------------|
| * Adrenal Cortex | Subcapsular | Adenoma | |
| * Bone Marrow | | Hyperplasia | Mild |
| * Eye | | Inflammation | Chronic, Minimal |
| * Harderian Gland | | Adenoma | |
| [Adenoma TGLS = 8-12] | | | |
| * Kidney | | Hyperplasia | Lymphoid, Mild |
| | | Nephropathy | Minimal |
| * Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | Multiple |
| Note: HEPATOCELLULAR CARCINOMAS ARE ON SLIDES 6, 22, AND 24. | | | |
| [Hepatocellular Adenoma TGLS = 6-23] | | | |
| [Hepatocellular Carcinoma TGLS = 5-22,7-24] | | | |
| * Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| | | Hyperplasia | Lymphoid, Mild |
| * Lymph Node, Mandibular | | Hyperplasia | Lymphoid, Moderate |
| | | Pigmentation | Moderate |
| * Lymph Node, Mesenteric | | Ectasia | Marked |
| [Ectasia TGLS = 9-7] | | | |
| Mesentery | Fat | Necrosis | Moderate |
| [Necrosis TGLS = 3-21] | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 239

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91966

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Moderate
	Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-6]		
* Thyroid Gland	Degeneration	Cystic, Mild
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7,2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 240

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-12]			
* Intestine Large, Cecum		Edema	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-6,2-21]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		Pigmentation	Moderate
* Thymus		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Thyroid Gland
---------------------	-----------------

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Lung	Edema	Mild
	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular	Pigmentation	Moderate
* Ovary	Cyst	Hemorrhagic
[Cyst TGLS = 2-7]		
* Spleen	Hematopoietic Cell Proliferation	Mild
	Hyperplasia	Lymphoid, Moderate
	Pigmentation	Mild
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 242 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 639
DOSE: 0 MG/L **DISP:** Natural Death **HISTO:** 00-89829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
---------------	--------------------------	--------------------------	----------------------------

OBSERVATIONS

* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
	Centrilobular	Hepatocellular Adenoma	Multiple
		Necrosis	Mild
	[Eosinophilic Focus TGLS = 4-6]		
	[Hepatocellular Adenoma TGLS = 5-23,6-24]		
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-21]		
* Ovary		Thrombosis	Marked
	[Thrombosis TGLS = 3-22]		
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Stom Gland			
	Note: EPITHELIAL INCLUSION CYST IN MUCOSA; NOT TABULATED.		
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Ovary Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 639

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 00-89829

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 243

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Infarct	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Angiectasis	Mild
		Hematopoietic Cell Proliferation	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	

Note: HEPATOBLASTOMA IS PRESENT ON SLIDES 6 AND 22.

[Hepatoblastoma TGLS = 5-22]

[Hepatocellular Adenoma TGLS = 6-6,7-6]

* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Deep Cervical	Lymphoma Malignant	
	Mediastinal	Pigmentation	Mild

[Hyperplasia TGLS = 9-23]

[Hyperplasia TGLS = 8-2]

[Lymphoma Malignant TGLS = 10-24]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 243	TRT#: 2 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 00-91969
-----------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 8-2]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-21]			
* Ovary		Angiectasis	Marked
[Angiectasis TGLS = 4-7]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

Animal Note: PARATHYROID GLAND PRESENT ON SLIDE 3.1.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Hyperplasia Nephropathy	Lymphoid, Mild Minimal
* Liver		Basophilic Focus Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	
Note: HEPATOCELLULAR ADENOMA IS ON SLIDE 24. [Basophilic Focus TGLS = 7-24] [Eosinophilic Focus TGLS = 6-23]			
* Lung	Alveolar Epith	Hyperplasia Hyperplasia	Moderate Lymphoid, Mild
* Lymph Node, Mandibular		Lymphoma Malignant Pigmentation	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation Hyperplasia	Mild Lymphoid, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-22]			
* Ovary	Follicle	Cyst Hemorrhage	Mild
[Cyst TGLS = 3-7]			
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 244

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 00-91970

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 4-6]
* Thyroid Gland
* Uterus
[Hyperplasia TGLS = 2-7]

Pigmentation

Moderate

Degeneration

Cystic, Minimal

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 710

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 00-90954

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	* Lung	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-22,4-23]			
* Lymph Node, Mandibular		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
Note: FAT NECROSIS PRESENT ON SLIDES 7 AND 21.			
[Necrosis TGLS = 1-21]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 710

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 00-90954

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MATERIAL RESEMBLING AMYLOID IN MESENTERIC LYMPH NODE (SLIDE 5); NOT TABULATED ON TDMS.

Animal Note: EXCESSIVE MINERALIZATION IN AORTA (SLIDES 3 AND 5).

Animal Note: JEJUNUM IS DILATED (TGL 5-3); MORPHOLOGY NOT AVAILABLE ON TDMS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 591

DOSE: 0 MG/L

DISP: Moribund Sacrifice

HISTO: 00-88895

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
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Pituitary Gland
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

INSUFFICIENT TISSUE

* Skin

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant
* Bone Marrow		Lymphoma Malignant
* Gallbladder		Lymphoma Malignant
* Heart		Lymphoma Malignant
* Intestine Small, Jejunum		Lymphoma Malignant
[Lymphoma Malignant TGLS = 12-3]		
* Kidney		Lymphoma Malignant
[Lymphoma Malignant TGLS = 7-5]		
* Liver		Lymphoma Malignant
* Lung		Lymphoma Malignant
Lymph Node	Deep Cervical	Lymphoma Malignant
	Inguinal	Lymphoma Malignant
	Mediastinal	Lymphoma Malignant
	Pancreatic	Lymphoma Malignant
	Renal	Lymphoma Malignant
		Lymphoma Malignant
[Lymphoma Malignant TGLS = 15-2]		
[Lymphoma Malignant TGLS = 13-26]		
[Lymphoma Malignant TGLS = 14-27]		
[Lymphoma Malignant TGLS = 10-24]		
[Lymphoma Malignant TGLS = 9-23]		
[Lymphoma Malignant TGLS = 3-7]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 246

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 591
HISTO: 00-88895

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [Lymphoma Malignant TGLS = 1-8]		Lymphoma Malignant	
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 6-5,11-25]		Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-22]			
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 16-2]			
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 247

TRT#: 2

DOSE: 0 MG/L

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 00-91971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Callus	Marked
[Callus TGLS = 7-25]			
* Intestine Large, Cecum		Edema	Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-22]			
* Liver		Basophilic Focus	
		Hemangioma	
		Hepatocellular Adenoma	
		Hyperplasia	Lymphoid, Mild
		Mixed Cell Focus	
Note: HEMANGIOMA IS ON SLIDE 24.			
[Hepatocellular Adenoma TGLS = 6-24]			
[Mixed Cell Focus TGLS = 5-23]			
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 247	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 00-91971

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Lymphoma Malignant	
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

Animal Note: MALIGNANT LYMPHOMA INFILTRATE IN PERIOVARIAN FAT ON SLIDE 7. INFUSION ARTIFACT IN URINARY BLADDER.

Animal Note: ECTOPIC THYMUS ADJACENT TO PARATHYROID GLAND ON SLIDE 3.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 248

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Harderian Gland [Adenoma TGLS = 6-12]	Adenoma	
* Liver [Hepatocellular Adenoma TGLS = 4-21,5-22] [Mixed Cell Focus TGLS = 5-22]	Hepatocellular Adenoma Hyperplasia Infiltration Cellular Mixed Cell Focus	Multiple Lymphoid, Mild Mixed Cell, Minimal
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric Mesentery Note: THE FIBROUS HISTIOCYTOMA IS ON SLIDE 4 ADJACENT TO ILEUM.	Lymphoma Malignant Fibrous Histiocytoma	
* Ovary Note: CYSTS ARE BILATERAL. [Cyst TGLS = 1-7]	Cyst	
* Pancreas	Lymphoma Malignant	
* Salivary Glands	Lymphoma Malignant	
* Spleen [Lymphoma Malignant TGLS = 3-6]	Lymphoma Malignant Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 248

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: 00-91972

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Hyperplasia

Minimal

* Thyroid Gland

Degeneration

Cystic, Minimal

* Uterus

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 249

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: 00-91973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
		Necrosis	Focal, Minimal
[Angiectasis TGLS = 4-26]			
[Basophilic Focus TGLS = 5-22]			
[Hepatocellular Adenoma TGLS = 6-23,7-24]			
* Lymph Node, Mandibular		Pigmentation	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hemangiosarcoma TGLS = 2-25]			
[Lymphoma Malignant TGLS = 2-25]			
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 249	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 00-91973

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
-------------------------------	---

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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
Mesentery	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
[Hemangiosarcoma TGLS = 3-6,3-23]			
[Hepatocellular Adenoma TGLS = 4-22]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 5-24]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 251

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Islets, Pancreatic		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
Note: MODERATE LYMPHOID CELL INFILTRATE IN MESENTERY ON SLIDE 21; NOT TABULATED. [Necrosis TGLS = 4-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Thyroid Gland		Degeneration	Cystic, Minimal
Note: MILD MIXED INFLAMMATORY CELL INFILTRATE; NOT TABULATED.			
* Uterus		Hemangiosarcoma	
		Hyperplasia	Cystic, Moderate
[Hemangiosarcoma TGLS = 2-7] [Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 252

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic	Adenoma	
* Liver	Hepatocellular Adenoma	Multiple
	Tension Lipidosis	
[Hepatocellular Adenoma TGLS = 3-21,4-22]		
* Lymph Node, Mesenteric	Histiocytic Sarcoma	
* Ovary	Granulosa Cell Tumor Benign	
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Moderate
* Thymus	Atrophy	Moderate
* Uterus	Hyperplasia	Cystic, Moderate
	Metaplasia	Squamous, Mild
[Hyperplasia TGLS = 1-7,2-7]		

PRIMARY CAUSE OF DEATH -

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 253

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-21]			
* Ovary	Bilateral	Cyst	
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-22]			
[Lymphoma Malignant TGLS = 1-22]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 254

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-2]			
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-22]			
* Ovary		Cystadenoma	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Skin		Edema	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-23,6-23]			
* Stomach, Forestomach		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-4,2-21]			
* Thymus		Atrophy	Mild
* Thyroid Gland		Degeneration	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 254

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91978

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 4-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 255

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone	Hyperostosis	Mild
* Harderian Gland	Adenoma	
[Adenoma TGLS = 4-12]		
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-6,3-6,5-21]	Infiltration Cellular	Mixed Cell, Minimal
* Lung	Metaplasia	Osseous, Minimal
* Ovary	Cyst	
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-6]		
* Thyroid Gland	Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 256

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Intestine Large, Cecum		Edema	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 257

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 00-91981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular	Hematopoietic Cell Proliferation	Mild
		Necrosis	Moderate
		Tension Lipidosis	
Note: TENSION LIPIDOSIS IS OF MARKED SEVERITY.			
* Lung		Edema	Mild
		Hyperplasia	Lymphoid, Mild
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-22]			
[Lymphoma Malignant TGLS = 5-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary	Follicle	Cyst	
		Hemorrhage	Marked
[Hemorrhage TGLS = 1-23]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 257

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 00-91981

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 3-6]

* Thymus	Atrophy	Moderate
* Thyroid Gland	Degeneration	Cystic, Mild
* Urinary Bladder	Hyperplasia	Lymphoid, Mild
Note: INFUSION ARTIFACT IN URINARY BLADDER.		
* Uterus	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH - Ovary Follicle Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 258

TRT#: 4

SEX: Female

DAY ON TEST: 714

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-90955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney			
Note: AGGREGATES OF BACTERIA IN KIDNEY; CONSIDERED POST MORTEM CHANGE.			
* Liver		Hepatocellular Carcinoma	Multiple
	Centrilobular	Necrosis	Marked
Note: MARKED GALLBLADDER NECROSIS; CONSIDERED SECONDARY TO HEPATOCELLULAR CARCINOMAS AND NOT TABULATED.			
Note: EXTENSIVE NECROSIS AND SUPPURATIVE INFLAMMATION ASSOCIATED WITH THE HEPATOCELLULAR CARCINOMAS.			
[Hepatocellular Carcinoma TGLS = 4-22,5-23]			
* Lung		Hemorrhage	Minimal
		Infiltration Cellular	Polymorphnuclr, Moderate
		Thrombosis	Moderate
		Pigmentation	Mild
* Lymph Node, Mandibular		Necrosis	Mild
Mesentery	Fat		
[Necrosis TGLS = 3-21]			
* Ovary		Angiectasis	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 258

TRT#: 4

SEX: Female

DAY ON TEST: 714

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-90955

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Moderate

* Uterus

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 259

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
	Kupffer Cell	Pigmentation	Mild
	[Hepatocellular Carcinoma TGLS = 4-21]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Iliac	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-24]		
* Lymph Node, Mandibular		Lymphoma Malignant	
		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-5]		
* Ovary	Follicle	Hemorrhage	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Mild
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Lymphoma Malignant TGLS = 1-6]		
* Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 259	TRT#: 4	SEX: Female	DAY ON TEST: 734
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 00-91982

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 260

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Pituitary Gland

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Intestine Large, Cecum	Edema	Mild
* Kidney	Lymphoma Malignant	
	Metaplasia	Osseous, Minimal
* Liver	Hepatocellular Adenoma	
	Hyperplasia	Lymphoid, Mild
* Lung	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular	Lymphoma Malignant	
	Pigmentation	Mild
* Lymph Node, Mesenteric	Hemorrhage	Marked
	Lymphoma Malignant	
	Pigmentation	Moderate
[Hemorrhage TGLS = 1-21]		
[Pigmentation TGLS = 1-21]		
* Pancreas	Lymphoma Malignant	
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 260

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91983

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6]

[Lymphoma Malignant TGLS = 2-6]

* Thymus

Hyperplasia

Lymphoid, Moderate

* Thyroid Gland

Follicle

Cyst

Degeneration

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 261

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: EOSINOPHILIC FOCUS IS ON SLIDE 23.			
			[Hepatocellular Adenoma TGLS = 5-23]
			[Hepatocellular Carcinoma TGLS = 4-22]
* Lung		Edema	Mild
		Hyperplasia	Lymphoid, Mild
		Necrosis	Mild
Mesentery	Fat		
			[Necrosis TGLS = 1-21]
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
			[Hematopoietic Cell Proliferation TGLS = 3-6]
			[Lymphoma Malignant TGLS = 3-6]
* Uterus		Hyperplasia	Cystic, Marked
		Lymphoma Malignant	
			[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 262

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* 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	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Large, Cecum		Edema	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 1-24]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 3-21]		
* Ovary		Angiectasis	Marked
	[Angiectasis TGLS = 4-22]		
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Skin		Hemangioma	
	[Hemangioma TGLS = 5-23]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-6]	Pigmentation	Moderate
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 263

TRT#: 4

SEX: Female

DAY ON TEST: 568

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-88827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Harderian Gland	Carcinoma	
Note: THE HARDERIAN GLAND CARCINOMA HAS A SCIRRHOUS PATTERN.		
* Lung	Thrombosis	Mild
* Lymph Node, Mandibular	Atrophy	Moderate
* Thymus	Atrophy	Moderate
Note: TGL 4-2 IS MODERATE THYMIC CONGESTION; NOT TABULATED.		
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7,2-7]		

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 264

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver	Hepatocellular Carcinoma Mixed Cell Focus	
[Hepatocellular Carcinoma TGLS = 2-21]		
[Mixed Cell Focus TGLS = 3-22]		
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Pigmentation	Mild
* Thymus	Hyperplasia	Lymphoid, Mild
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 265

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone	Femur	Osteopetrosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-22]			
* Liver		Hepatocellular Carcinoma	Multiple
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Mixed Cell, Minimal
		Lymphoma Malignant	
Note: SMALL PORTIONS OF THE HEPATOCELLULAR CARCINOMA ON SLIDE 23 APPEAR TO BE DE-DIFFERENTIATING TOWARD A HEPATOBLASTOMA PATTERN.			
Note: MALIGNANT LYMPHOMA IS ON SLIDE 23 WITHIN THE HEPATOCELLULAR CARCINOMA.			
[Hepatocellular Carcinoma TGLS = 7-23,8-24]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
		Thrombosis	Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 9-2]			
* Lymph Node, Mandibular		Pigmentation	Moderate
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 265

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91987

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6]

* Thyroid Gland

Degeneration

Cystic, Moderate

* Uterus

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 266

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
		Infiltration Cellular	Mixed Cell, Moderate
	Kupffer Cell	Pigmentation	Mild
[Hemangiosarcoma TGLS = 3-21]			
* Lung		Hemorrhage	Minimal
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Lymphoma Malignant TGLS = 2-6]			
* Thyroid Gland		Degeneration	Cystic, Minimal
Note: SMALL FOCUS OF GRANULOMATOUS INFLAMMATION IN THYROID GLAND; NOT TABULATED.			
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 266

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91988

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: SMALL CYST IN ONE ADRENAL CORTEX; MORPHOLOGY NOT AVAILABLE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 267

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-6,4-22]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Ovary		Cyst	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Atypical, Mild
		Hyperplasia	Cystic, Marked
		Metaplasia	Squamous, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

Animal Note: ESOPHAGUS IS ON SLIDE 4.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 268

TRT#: 4

SEX: Female

DAY ON TEST: 492

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-88283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Kidney
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Ovary	* Pituitary Gland
* Salivary Glands			

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Pancreas	* Spleen	* Stomach, Glandular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: LIVER ON SLIDES 21 AND 22 TOO AUTOLYZED TO IDENTIFY LESIONS (TGLS 4 AND 5).			
* Lung		Lymphoma Malignant	
Note: LYMPH MAL IS PRESENT PRIMARILY IN MEDIASTINAL ATTACHMENTS.			
Lymph Node	Inguinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-24]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-23]			
* Thymus		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

Animal Note: AUTOLYZED TISSUE RESEMBLING LYMPH MAL PRESENT IN UNIDENTIFIED ORGANS ON SLIDES 7 AND 8.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 269

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Mild
		Lymphoma Malignant	
		Pigmentation	Mild
* Thyroid Gland		Degeneration	Cystic, Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 270

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Kidney	Hyperplasia	Lymphoid, Mild
* Liver	Lymphoma Malignant	
* Lung	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]		
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6]		
[Lymphoma Malignant TGLS = 1-6]		
* Thyroid Gland	Degeneration	Cystic, Mild
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7,3-7]		

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER. ESOPHAGUS IS ON SLIDE 4.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 271

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Pituitary Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6 AND 22. [Hepatocellular Adenoma TGLS = 3-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver	Hepatocellular Adenoma Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 3-21]		
* Lymph Node, Mandibular	Pigmentation	Moderate
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
	Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]		
[Hyperplasia TGLS = 2-6]		
* Thyroid Gland	Degeneration	Cystic, Minimal
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 273

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Harderian Gland		Adenoma	
* Liver		Hyperplasia	Lymphoid, Mild
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hemorrhage	Marked
		Pigmentation	Mild
[Hemorrhage TGLS = 4-23]			
[Pigmentation TGLS = 4-23]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Degeneration	Cystic, Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 274

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Harderian Gland		Hyperplasia	Focal, Minimal
* Lung		Edema	Mild
		Hemorrhage	Minimal
* Lymph Node, Mandibular		Pigmentation	Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Ovary		Cyst	
[Cyst TGLS = 4-7]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Thyroid Gland		Degeneration	Cystic, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

Animal Note: MYXOID CELLS IN MESENTERY ON SLIDES 7 AND 21; SOURCE OF CELLS UNDETERMINED. INF USION ARTIFACT IN URINARY BLADDER.

Animal Note: TGL 5-10 IS A LARGE CYST (APPROXIMATELY THREE FOURTHS SIZE OF A NORMAL ADRENAL G LAND) IN ONE ADRENAL MEDULLA; MORPHOLOGY NOT AVAILABLE ON TDMS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 275

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
	Myelofibrosis	Marked
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 4-21]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
	Pigmentation	Mild
* Ovary	Cystadenoma	
[Cystadenoma TGLS = 1-7]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Thyroid Gland	Degeneration	Cystic, Mild
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 276

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* 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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Lung		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular		Pigmentation	Moderate
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-21]			
* Ovary		Cyst	
[Cyst TGLS = 2-7]			
* Pancreas		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
* Spleen		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
[Hyperplasia TGLS = 3-6]			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 277

TRT#: 4

SEX: Female

DAY ON TEST: 674

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-90180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Pituitary Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Heart	Hemangiosarcoma	Metastatic (Spleen)
* Kidney	Hyperplasia	Lymphoid, Mild
* Liver	Hemangiosarcoma	Metastatic (Spleen)
	Hematopoietic Cell Proliferation	Mild
	Hepatocellular Adenoma	
[Hemangiosarcoma TGLS = 6-23]		
[Hepatocellular Adenoma TGLS = 5-22]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Ovary	Cyst	
* Spleen	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-21]		
* Urinary Bladder	Hyperplasia	Lymphoid, Moderate
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]		

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 278

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Harderian Gland		Adenoma	
Note: ADENOMA IS SMALL AND CONTAINS CYSTIC AREA.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
Note: EOSINOPHILIC FOCUS IS ON SLIDE 23.			
[Hemangiosarcoma TGLS = 4-22]			
[Hepatocellular Adenoma TGLS = 5-6,6-6,7-23,8-24]			
* Lymph Node, Mandibular		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Ovary		Cyst	
[Cyst TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 278	TRT#: 4	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 00-91998

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 279

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-91999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 5-22]	Hyperplasia	Lymphoid, Mild
* Lung		Hemorrhage	Mild
* Ovary		Cyst	
		Thrombosis	Moderate
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 3-6]	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-6]	Pigmentation	Moderate
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 280

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-92000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* 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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6 AND 22.			
[Hepatocellular Adenoma TGLS = 4-22]			
[Hepatocellular Carcinoma TGLS = 4-22]			
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-21]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Lymphoma Malignant TGLS = 3-6]			
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 280	TRT#: 4	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 00-92000

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
-------------------------------	---

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 281

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-92001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Edema	Mild
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infarct	Moderate
[Infarct TGLS = 4-22]			
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Moderate
* Lymph Node, Mesenteric		Atrophy	Moderate
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21]			
* Ovary		Cyst	
	Follicle	Hemorrhage	Mild
[Cyst TGLS = 1-7]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach		Diverticulum	
* Thyroid Gland		Degeneration	Cystic, Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 281

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-92001

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: MODERATE MINERALIZATION IN AORTA (SLIDE 5); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-92002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Eye	Inflammation	Chronic, Mild
Note: INFLAMMATION INVOLVES CORNEA AND OPTIC NERVE.		
* Harderian Gland	Adenoma	
[Adenoma TGLS = 4-12]		
* Kidney	Hyperplasia	Lymphoid, Moderate
* Liver	Hepatocellular Adenoma	Multiple
	Hyperplasia	Lymphoid, Mild
	Necrosis	Focal, Minimal
Note: FOCAL NECROSIS IS ON SLIDE 21.		
Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6 AND 21.		
[Hepatocellular Adenoma TGLS = 3-21]		
* Lung	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Salivary Glands	Hyperplasia	Lymphoid, Moderate
* Spleen	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant	
	Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]		
[Lymphoma Malignant TGLS = 2-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-92002

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Moderate

Hyperplasia

Atypical, Moderate

Note: THROMBUS AND HEMORRHAGE IN ENDOMETRIUM; NOT TABULATED.

[Hyperplasia TGLS = 1-7]

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 283

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-92003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Hyperplasia	Lymphoid, Mild
* Lung		Edema	Mild
		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-7,4-21]			
* Ovary		Cyst	
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MILD MIXED INFLAMMATORY CELL INFILTRATE IN SUBMUCOSA OF GLANDULAR STOMACH; NOT T ABULATED.

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 717

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-92004

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	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Gallbladder	* Parathyroid Gland
---------------	---------------------

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]			
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCELLULAR CARCINOMA IS PRESENT ON SLIDES 6 AND 22; THE NEOPLASM ON SLIDE 6 HAS MARKED ANGIECTASIS AND HEMORRHAGE.			
[Hepatocellular Carcinoma TGLS = 4-22]			
* Lung		Hemorrhage	Marked
[Hemorrhage TGLS = 5-2]		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 5-2]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 284	TRT#: 4	SEX: Female	DAY ON TEST: 717
	DOSE: 500 MG/L	DISP: Natural Death	HISTO: 00-92004

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: MARKED ANGIECTASIS IN BONE MARROW; NOT TABULATED.

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 706

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 00-90921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
Mesentery	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Cecum		Edema	Mild
* Intestine Small, Duodenum		Adenoma	
		Ulcer	Marked
[Adenoma TGLS = 3-22]			
* Islets, Pancreatic		Adenoma	
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Eosinophilic Focus	
		Hyperplasia	Lymphoid, Moderate
		Tension Lipidosis	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mandibular		Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Minimal
* Pancreas			
Note: MODERATE DEPLETION OF ZYMOGEN GRANULES OF ACINAR CELLS; NOT TABULATED.			
* Spleen		Pigmentation	Mild
* Stomach, Glandular		Erosion	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

- Intestine Small, Duodenum Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Intestine Small;Duodenum Ulcer;Lymph Node;Mandibular Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 286

TRT#: 4

SEX: Female

DAY ON TEST: 682

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-90221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | Mesentery |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | |
|--|----------------------------------|----------------|
| * Liver | Eosinophilic Focus | |
| | Hepatocellular Adenoma | |
| | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 5-22] | | |
| * Ovary | Cyst | |
| | Cystadenoma | |
| [Cyst TGLS = 3-7] | | |
| * Salivary Glands | Hyperplasia | Lymphoid, Mild |
| * Spleen | Hematopoietic Cell Proliferation | Moderate |
| * Thyroid Gland | Degeneration | Cystic, Mild |
| * Uterus | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 2-7] | | |

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: SECTION OF THYMUS ON SLIDE 8 NEXT TO SALIVARY GLAND.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 287

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-92005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-22]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
* Ovary	Follicle	Hemorrhage	Moderate
[Hemorrhage TGLS = 4-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 288

TRT#: 4

SEX: Female

DAY ON TEST: 552

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-88781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Rectum	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Pancreas	* Spleen	* Stomach, Glandular

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Lung		Edema	Moderate
		Hemorrhage	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21,2-22]			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-92006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* 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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Hyperplasia	Lymphoid, Mild
		Infarct	Mild
* Lung		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-21]			
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Lymphoma Malignant	
		Pigmentation	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 290

TRT#: 4

SEX: Female

DAY ON TEST: 727

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-92007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Moderate
[Hepatocellular Carcinoma TGLS = 2-22]			
* Lung		Edema	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Parathyroid Gland		Cyst	Moderate
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 291	TRT#: 4	SEX: Female	DAY ON TEST: 735
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 00-92008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Mammary Gland	Hyperplasia	Minimal
* Pancreas	Atrophy	Marked
* Parathyroid GI		
Note: MILD FOCAL HYPERPLASIA OF ONE PARATHYROID GLAND; NOT TABULATED.		
* Spleen	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6]		
[Lymphoma Malignant TGLS = 1-6]		
* Thymus	Lymphoma Malignant	
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 713

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 00-90956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Ovary

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Nephropathy	Mild
* Liver	Kupffer Cell	Hyperplasia	Moderate
	Kupffer Cell	Pigmentation	Mild
* Lung		Liposarcoma	Metastatic (Skin)
Lymph Node	Iliac	Liposarcoma	Metastatic (Skin)
		Liposarcoma	Metastatic (Skin)
		[Liposarcoma TGLS = 3-22]	
		[Liposarcoma TGLS = 7-24]	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Marked
Mesentery	Fat	Necrosis	Marked
		Note: METASTATIC LIPOSARCOMA PRESENT IN MESENTERY ON SLIDES 5, 7, AND 10; NOT TABULATED.	
		[Necrosis TGLS = 5-25,6-23]	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Skin	Subcut Tiss	Liposarcoma	
		[Liposarcoma TGLS = 2-21]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 292	TRT#: 4	SEX: Female	DAY ON TEST: 713
	DOSE: 500 MG/L	DISP: Moribund Sacrifice	HISTO: 00-90956

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
	[Hematopoietic Cell Proliferation TGLS = 4-6]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Liposarcoma

Animal Note: NORMAL-APPEARING PANCREAS PRESENT ON SLIDE 25.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 461

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 00-88173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
Mesentery	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Hematopoietic Cell Proliferation	Moderate
	Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-24]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
Skeletal Muscle	Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 1-21,1-22]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]		

PRIMARY CAUSE OF DEATH - Skeletal Muscle Rhabdomyosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-92009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	Mesentery	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Intestine Large, Cecum	Edema	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Lymph Node, Mandibular	Pigmentation	Moderate
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Moderate
* Thyroid Gland	Degeneration	Cystic, Moderate
* Urinary Bladder	Hyperplasia	Lymphoid, Mild
* Uterus	Hyperplasia	Cystic, Marked

Note: EXCESSIVE EDEMA IN ENDOMETRIUM AND MUSCULARIS; NOT TABULATED.

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-92010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Gallbladder	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
		Myelofibrosis	Moderate
* Liver		Eosinophilic Focus	
* Lung		Edema	Mild
* Lymph Node, Mandibular		Pigmentation	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	[Hyperplasia TGLS = 2-21]		
* Thyroid Gland		Degeneration	Cystic, Moderate
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 513

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-88368

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, Jejunum	* Kidney	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Lymph Node, Mandibular	* Salivary Glands	* Thymus
------------------	--------------------------	-------------------	----------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum	* Islets, Pancreatic	* Pancreas
---------------	--------------------------	----------------------	------------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Lung	Alveolar Epith	Hyperplasia	Mild
		Thrombosis	Moderate
* Skin	Subcut Tiss	Fibrosarcoma	
	[Fibrosarcoma TGLS = 1-21]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 719

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-92011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Brain
* Clitoral Gland	* Esophagus	* 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	* Pituitary Gland	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Ovary	* Salivary Glands	* Thymus
--------------------------	---------	-------------------	----------

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 6-24]			
* Bone Marrow		Hyperplasia	Moderate
* Eye	Cornea	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 8-12]			
* Kidney		Nephropathy	Mild
* Liver		Mixed Cell Focus	
Note: MIXED CELL FOCI ON SLIDES 6 AND 23.			
[Mixed Cell Focus TGLS = 4-23]			
* Lung		Edema	Mild
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-22]			
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Moderate
* Stomach, Forestomach		Erosion	Mild
	Epithelium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 719

DOSE: 500 MG/L

DISP: Natural Death

HISTO: 00-92011

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Degeneration

Cystic, Moderate

* Uterus

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH

- Bone Osteosarcoma

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-92012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Bone | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

MISSING

- | | |
|------------------|-------------------|
| * Adrenal Cortex | * Adrenal Medulla |
|------------------|-------------------|

OBSERVATIONS

- | | | |
|---|---|--|
| * Bone Marrow
Note: HEMOSIDERIN-LIKE PIGMENT IN BONE MARROW; NOT TABULATED. | Hyperplasia | Mild |
| * Harderian Gland
[Adenoma TGLS = 9-12] | Adenoma | |
| * Liver
[Hepatocellular Adenoma TGLS = 6-23,7-24,8-25]
[Hepatocellular Carcinoma TGLS = 5-22] | Hepatocellular Adenoma
Hepatocellular Carcinoma
Infiltration Cellular | Multiple
Mixed Cell, Minimal |
| * Mammary Gland
[Carcinoma TGLS = 1-21] | Carcinoma | |
| * Ovary
[Cyst TGLS = 4-7] | Cyst | |
| * Spleen
[Hematopoietic Cell Proliferation TGLS = 2-6]
[Hyperplasia TGLS = 2-6] | Hematopoietic Cell Proliferation
Hyperplasia
Pigmentation | Moderate
Lymphoid, Mild
Moderate |
| * Thyroid Gland | Degeneration | Cystic, Moderate |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 00-92012

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 561

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 00-88782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-22]			
* Nose			
Note: FOREIGN BODY IN NASAL MEATUS; NOT TABULATED.			
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 673

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 00-90181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Marked
Note: AORTIC MINERALIZATION IS ON SLIDES 5 AND 23. [Mineralization TGLS = 5-23]			
* Bone Marrow		Hyperplasia	Moderate
* Eye		Inflammation	Chronic, Moderate
[Inflammation TGLS = 6-44]			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 7-24]			
* Kidney		Hyperplasia	Lymphoid, Mild
		Infarct	Moderate
		Nephropathy	Minimal
Note: MODERATE MINERALIZATION IN KIDNEY; NOT TABULATED.			
* Liver		Lymphoma Malignant	
Note: MALIGNANT LYMPHOMA IS PRESENT ON SLIDES 6 AND 21; MASSIVE NECROSIS AND EXTENSIVE MINERALIZATION ADJACENT TO LIVER LESIONS ON SLIDE 21. [Lymphoma Malignant TGLS = 2-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 673

DOSE: 500 MG/L

DISP: Moribund Sacrifice

HISTO: 00-90181

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Pigmentation

Moderate

* Thyroid Gland

Atrophy

Moderate

* Uterus

Degeneration

Cystic, Moderate

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 4-7]

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 301

TRT#: 6

SEX: Female

DAY ON TEST: 574

DOSE: 1000MG/L

DISP: Moribund Sacrifice

HISTO: 00-88828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Kidney | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | Spinal Cord | * Spleen |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|------------------------|------------|-------------------------|----------------|
| * Islets, Pancreatic | | Hyperplasia | Moderate |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Moderate |
| | | Squamous Cell Papilloma | Multiple |
| | | | |
| | | | |
| | | | |
| * Uterus | | Hyperplasia | Cystic, Marked |
| | | | |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 302

TRT#: 6

SEX: Female

DAY ON TEST: 661

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-90127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Metaplasia	Osseous, Minimal
* Liver		Eosinophilic Focus	
	Centrilobular	Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: LIVER SECTIONS ARE PRESENT ON SLIDES 6 AND 7.			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked
	Mediastinal	Sarcoma	Metastatic (Pancreas)
		[Hyperplasia TGLS = 7-2]	
		[Sarcoma TGLS = 7-2]	
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 1-21]	
* Pancreas	Acinus	Sarcoma	
Note: ACINAR CELL CARCINOMA IS MARKEDLY ANAPLASTIC WITH A MESENCHYMAL APPEARANCE IN MOST AREAS; EXTENSIVE NECROSIS OF NEOPLASTIC TISSUE.			
		[Sarcoma TGLS = 4-22]	
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
Skeletal Muscle		Sarcoma	Metastatic (Pancreas)
		[Sarcoma TGLS = 5-23]	
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Mild
		[Hematopoietic Cell Proliferation TGLS = 2-6]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 302

TRT#: 6

SEX: Female

DAY ON TEST: 661

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-90127

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Degeneration

Cystic, Marked

* Uterus

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

- Pancreas Acinus Sarcoma

Animal Note: GALLBLADDER MARKEDLY DILATED (TGL 6-6); MORPHOLOGY NOT AVAILABLE ON TDMS.

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 303

TRT#: 6

SEX: Female

DAY ON TEST: 34

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 98-84947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Esophagus
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Eye
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Brain
* Gallbladder
* Intestine Large, Colon
* Islets, Pancreatic
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Clitoral Gland
* Harderian Gland
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Bone
[Fracture TGLS = 2-21]
* Bone Marrow

Fracture

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 304

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Luteoma	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen		Lymphoma Malignant	
		Pigmentation	Moderate
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 305

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-21,3-22]		
* Lung		Edema	Mild
		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 306

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Kidney	Hyperplasia	Lymphoid, Mild
* Liver	Basophilic Focus	
	Hepatocellular Adenoma	
	Hyperplasia	Lymphoid, Mild
[Hepatocellular Adenoma TGLS = 2-21]		
* Lung	Hemorrhage	Minimal
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
* Ovary	Angiectasis	Mild
Note: ANGIECTATIC SPACE CONTAINS A THROMBUS.		
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Degeneration	Cystic, Moderate
* Uterus	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 307

TRT#: 6

SEX: Female

DAY ON TEST: 602

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-88979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Colon

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Intestine Large, Cecum		Ulcer	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 7-6]		
	[Vacuolization Cytoplasmic TGLS = 7-6]		
* Lung		Hemorrhage	Mild
Mesentery		Fibrosarcoma	
	[Fibrosarcoma TGLS = 1-21,3-22,8-23]		
* Pancreas		Fibrosarcoma	Metastatic (Mesentery)
	[Fibrosarcoma TGLS = 5-7]		
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 4-6]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 307

TRT#: 6

SEX: Female

DAY ON TEST: 602

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-88979

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

- Mesentery Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 308

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule Hyperplasia	Moderate Focal, Mild
* Liver	Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma Infiltration Cellular	Mixed Cell, Mild
Note: EOSINOPHILIC FOCUS IS ON SLIDE 21. [Hepatocellular Adenoma TGLS = 3-21] [Hepatocellular Carcinoma TGLS = 4-22]		
* Ovary	Cyst	
* Spleen	Hematopoietic Cell Proliferation Lymphoma Malignant Pigmentation	Mild Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6] [Lymphoma Malignant TGLS = 2-6]		
* Thyroid Gland	Degeneration	Cystic, Moderate
* Urinary Bladder	Hyperplasia	Lymphoid, Mild
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 309

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain		Compression	Moderate
[Compression TGLS = 13-1]			
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 14-3]			
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mixed Cell, Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-24]			
[Lymphoma Malignant TGLS = 9-2]			
[Lymphoma Malignant TGLS = 7-22]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
Mesentery		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 309	TRT#: 6 DOSE: 1000MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 00-92017
ORGAN AND ACCOUNTABLE SITE STATUS			
	Fat	Necrosis	Moderate
	[Lymphoma Malignant TGLS = 6-21] [Necrosis TGLS = 8-23]		
* Ovary	Follicle	Hemorrhage Lymphoma Malignant	Mild
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 12-1]		
* Salivary Glands		Lymphoma Malignant	
Skeletal Muscle		Rhabdomyosarcoma	
	[Rhabdomyosarcoma TGLS = 11-25]		
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Mild
	[Hematopoietic Cell Proliferation TGLS = 3-6] [Lymphoma Malignant TGLS = 3-6]		
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 310 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 736
DOSE: 1000MG/L **DISP:** Terminal Sacrifice **HISTO:** 00-92018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Ileum	Epithelium	Hyperplasia Inflammation	Mild Chronic, Mild
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma Infiltration Cellular	Mixed Cell, Mild
		[Hepatocellular Adenoma TGLS = 4-6] [Hepatocellular Carcinoma TGLS = 4-6]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	
		[Cyst TGLS = 2-7]	
* Parathyroid Gland		Cyst	Mild
* Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Pigmentation	Moderate Mild
		[Hematopoietic Cell Proliferation TGLS = 3-6] [Lymphoma Malignant TGLS = 3-6]	
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 310

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92018

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 311

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Adenoma	
		Hyperplasia	Lymphoid, Mild
[Hepatocellular Adenoma TGLS = 5-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary	Follicle	Hemorrhage	Moderate
* Skin		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Lymphoma Malignant TGLS = 4-6]			
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 312

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Islets, Pancreatic	Adenoma	
* Kidney	Hyperplasia	Lymphoid, Mild
* Liver	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Ovary	Cyst	
	Lymphoma Malignant	
* Salivary Glands	Hyperplasia	Lymphoid, Moderate
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Lymphoma Malignant	
	Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-6]		
[Lymphoma Malignant TGLS = 4-6]		
* Thymus	Lymphoma Malignant	
* Thyroid Gland	Degeneration	Cystic, Moderate
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7,3-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 313

TRT#: 6

SEX: Female

DAY ON TEST: 503

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-88369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Rectum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
Tongue	* Trachea	* Urinary Bladder	

MISSING

* Ovary	* Parathyroid Gland	* Thyroid Gland
---------	---------------------	-----------------

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Liver	* Pancreas	* Spleen

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Lymph Node, Mesenteric		Histiocytic Sarcoma	Metastatic (Mesentery)
[Histiocytic Sarcoma TGLS = 3-5]			
Mesentery		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-21]			
Skeletal Muscle		Histiocytic Sarcoma	Metastatic (Mesentery)
[Histiocytic Sarcoma TGLS = 4-22]			
* Skin	Subcut Tiss	Edema	Marked
* Stomach, Glandular		Erosion	Mild
* Thymus		Atrophy	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Mesentery Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 314

TRT#: 6

SEX: Female

DAY ON TEST: 711

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-90957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Kidney	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
---------------	--------------------------	--------------------------	----------------------------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart			
Note: MILD CHRONIC INFLAMMATION IN HEART; NOT TABULATED.			
* Liver		Angiectasis Hepatocellular Adenoma Hepatocellular Carcinoma	Moderate
[Angiectasis TGLS = 1-25]			
[Hepatocellular Adenoma TGLS = 2-21]			
[Hepatocellular Carcinoma TGLS = 3-22]			
* Lung		Edema	Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Adenoma	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-23]			
* Ovary		Angiectasis	Marked
[Angiectasis TGLS = 6-24]			
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Pigmentation	Moderate Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 314

TRT#: 6

SEX: Female

DAY ON TEST: 711

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-90957

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 5-7]

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Ovary Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 315

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow	Hyperplasia	Moderate
* Kidney	Metaplasia	Osseous, Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-21]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Ovary	Cyst	
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]		
* Thyroid Gland	Degeneration	Cystic, Moderate
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH -

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 316

TRT#: 6

SEX: Female

DAY ON TEST: 622

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-89516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Gallbladder	* Heart	* Intestine Small, Duodenum	* Pituitary Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
--------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Osteosarcoma	Metastatic (Bone)
* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 6-22]			
* Bone Marrow		Hyperplasia	Moderate
* Brain		Osteosarcoma	Metastatic (Bone)
* Kidney		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 4-5]			
* Lung		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 1-2]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			

Note: MODERATE SUBMUCOSAL EDEMA IN GLANDULAR STOMACH; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 316

TRT#: 6

SEX: Female

DAY ON TEST: 622

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-89516

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 317

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-12]			
* Intestine Large, Cecum		Edema	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 6-23]			
[Hepatocellular Carcinoma TGLS = 3-21]			
[Mixed Cell Focus TGLS = 6-23]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-22]			
* Ovary		Cyst	
[Cyst TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 317

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92022

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-6]

* Thymus

Cyst

Moderate

* Thyroid Gland

Degeneration

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 318

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
Note: MIXED CELL FOCUS IS ON SLIDE 22. HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6, 22, AND 23. [Hepatocellular Adenoma TGLS = 4-22,5-23]			
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery	Fat	Necrosis	Marked
			[Necrosis TGLS = 3-21]
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Moderate
			[Hyperplasia TGLS = 1-7,2-7]

PRIMARY CAUSE OF DEATH -

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 319

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Glandular	* Trachea	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
		Necrosis	Focal, Mild
Note: EXTENSIVE CONGESTION AND HEMORRHAGE IN HEPATOCELLULAR CARCINOMA ON SLIDE 6. [Hepatocellular Carcinoma TGLS = 3-23,4-6]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6] [Lymphoma Malignant TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Carcinoma	
Note: SQUAMOUS CELL CARCINOMA IS PRESENT ON SLIDES 4 AND 21. [Squamous Cell Carcinoma TGLS = 2-21]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 319	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 1000MG/L	DISP: Terminal Sacrifice	HISTO: 00-92024

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
------------------------	---

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 320

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Metaplasia	Osseous, Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 7-24]	
		[Hepatocellular Carcinoma TGLS = 5-22,6-23]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Pigmentation	Moderate
Mesentery	Fat	Necrosis	Marked
		[Necrosis TGLS = 1-21]	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
		Pigmentation	Mild
		[Hematopoietic Cell Proliferation TGLS = 2-6]	
		[Lymphoma Malignant TGLS = 2-6]	
* Stomach, Forestomach		Edema	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 320	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 1000MG/L	DISP: Terminal Sacrifice	HISTO: 00-92025

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Angiectasis	Moderate
----------	-------------	----------

Note: AREA OF ANGIECTASIS CONTAINS AN ORGANIZED THROMBUS AND IS SURROUNDED BY ZONE OF PYOGRANULOMATOUS INFLAMMATON.
[Angiectasis TGLS = 4-7]

PRIMARY CAUSE OF DEATH	-
------------------------	---

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 321

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone		Hyperostosis	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Focal, Minimal
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
* Spleen		Lymphoma Malignant	
		Pigmentation	Moderate
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 322

TRT#: 6

SEX: Female

DAY ON TEST: 683

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-90222

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	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	Mesentery
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
---------------	-----------------------------	--------------------------	----------------------------

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-22]			
* Ovary		Choriocarcinoma	
[Choriocarcinoma TGLS = 7-24]		Cyst	
[Cyst TGLS = 5-7]			
* Parathyroid Gland		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
* Stomach, Forestomach		Erosion	Mild
	Epithelium	Hyperplasia	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 6-7]			

PRIMARY CAUSE OF DEATH - Ovary Choriocarcinoma

Animal Note: NUMEROUS MAST CELLS IN LAMINA PROPRIA AMONG NERVES IN FIRST NASAL SECTION.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 323

TRT#: 6

DOSE: 1000MG/L

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 00-92027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Moderate
Note: CORTICAL VACUOLIZATION IS A PERSISTENT X-ZONE.			
* Liver		Hemorrhage	Mild
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
		Cyst	
* Ovary	Follicle	Hemorrhage	Mild
	Granulosa Cell	Hyperplasia	Moderate
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 324

TRT#: 6

SEX: Female

DAY ON TEST: 486

DOSE: 1000MG/L

DISP: Moribund Sacrifice

HISTO: 00-88284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
Skeletal Muscle	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Liver		Clear Cell Focus Eosinophilic Focus Infiltration Cellular	Mixed Cell, Mild
[Clear Cell Focus TGLS = 1-21] [Eosinophilic Focus TGLS = 2-22]			
* Ovary		Cyst	
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 325

TRT#: 6

SEX: Female

DAY ON TEST: 662

DOSE: 1000MG/L

DISP: Moribund Sacrifice

HISTO: 00-90128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland	* Ovary
------------------	---------

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Liver	Hepatocyte	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 5-22,6-23]			
* Lung	Note: MILD CHRONIC INFLAMMATORY CELL INFILTRATE; NOT TABULATED.		
* Lymph Node, Mandibular		Pigmentation	Mild
Peripheral Nerve		Atrophy	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-6]			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Bone Marrow Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma;Spleen Hyperplasia

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 326

TRT#: 6

SEX: Female

DAY ON TEST: 503

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-88370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Bone | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * 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 | * Stomach, Forestomach |
| * Trachea | | | |

OBSERVATIONS

- | | | |
|--|---------------|--------------------|
| * Adrenal Cortex | | Lymphoma Malignant |
| * Bone Marrow | | Lymphoma Malignant |
| * Brain | | Lymphoma Malignant |
| * Clitoral GI | | |
| Note: CLITORAL GLAND PRESENT (CONTAINS LYMPHOMA INFILTRATE - NOT TABULATED). | | |
| * Kidney | | Lymphoma Malignant |
| [Lymphoma Malignant TGLS = 7-5] | | |
| * Liver | | Lymphoma Malignant |
| [Lymphoma Malignant TGLS = 11-6,12-6,13-23,14-24] | | |
| * Lung | | Lymphoma Malignant |
| Lymph Node | Deep Cervical | Lymphoma Malignant |
| | Iliac | Lymphoma Malignant |
| | Inguinal | Lymphoma Malignant |
| | Mediastinal | Lymphoma Malignant |
| | Pancreatic | Lymphoma Malignant |
| | Popliteal | Lymphoma Malignant |
| | Renal | Lymphoma Malignant |
| [Lymphoma Malignant TGLS = 1-8] | | |
| [Lymphoma Malignant TGLS = 5-7] | | |
| [Lymphoma Malignant TGLS = 20-29] | | |
| [Lymphoma Malignant TGLS = 3-21,21-30] | | |
| [Lymphoma Malignant TGLS = 19-28] | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 326

TRT#: 6

SEX: Female

DAY ON TEST: 503

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-88370

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 18-27]		
[Lymphoma Malignant TGLS = 17-26]		
[Lymphoma Malignant TGLS = 15-25,16-2]		
* Lymph Node, Mandibular	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-5]		
Mesentery	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-22]		
* Ovary	Cyst	
	Lymphoma Malignant	
* Pancreas	Lymphoma Malignant	
* Salivary Glands	Lymphoma Malignant	
* Skin	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6]		
* Stomach, Glandular	Lymphoma Malignant	
	Ulcer	Moderate
* Thymus	Lymphoma Malignant	
* Thyroid Gland	Degeneration	Cystic, Mild
* Urinary Bladder	Lymphoma Malignant	
* Uterus	Hyperplasia	Cystic, Moderate
	Lymphoma Malignant	
[Hyperplasia TGLS = 6-7]		
[Lymphoma Malignant TGLS = 6-7]		

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 327

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Sarcoma	
[Sarcoma TGLS = 1-24]			
* Bone Marrow		Hyperplasia	Marked
* Intestine Large, Cecum		Edema	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
* Liver		Angiectasis	Marked
		Hepatocellular Carcinoma	
	Kupffer Cell	Hyperplasia	Mild
	Kupffer Cell	Pigmentation	Mild
[Angiectasis TGLS = 6-26]			
[Hepatocellular Carcinoma TGLS = 5-23]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-22]			
Mesentery		Hepatocellular Carcinoma	Metastatic (Liver)
	Fat	Necrosis	Moderate

Note: THE METASTATIC HEPATOCELLULAR CARCINOMA IN THE MESENTERY IS MARKEDLY ANAPLASTIC (MESENCHYMAL APPEARANCE).

[Hepatocellular Carcinoma TGLS = 3-21]

[Necrosis TGLS = 3-21]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 327	TRT#: 6	SEX: Female	DAY ON TEST: 734
	DOSE: 1000MG/L	DISP: Terminal Sacrifice	HISTO: 00-92028

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation Lymphoma Malignant	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6,2-25] [Lymphoma Malignant TGLS = 2-6,2-25]		
* Thyroid Gland	Degeneration	Cystic, Minimal
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: ESOPHAGUS IS ON SLIDE 2.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 328

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Ileum		Lymphoma Malignant	
* Kidney		Infarct	Mild
		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 5-22,6-23,7-24,8-25]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-21]			
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 2-7]			
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Lymphoma Malignant TGLS = 3-6]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 328

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92029

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Lymphoma Malignant

* Uterus

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 329

TRT#: 6

SEX: Female

DAY ON TEST: 719

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-92030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Marked
* Brain		Necrosis	Mild
* Heart		Hepatocellular Carcinoma	Metastatic (Liver)
* Intestine Large, Cecum		Edema	Mild
* Kidney		Hepatocellular Carcinoma	Metastatic (Liver)
		Infarct	Mild
[Hepatocellular Carcinoma TGLS = 6-5,6-27]			
* Liver		Hepatocellular Adenoma	
	Centrilobular	Hepatocellular Carcinoma	Multiple
		Necrosis	Mild
[Hepatocellular Adenoma TGLS = 4-22]			
[Hepatocellular Carcinoma TGLS = 7-23,8-24]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Marked
		Thrombosis	Moderate
[Hepatocellular Carcinoma TGLS = 9-2,9-25,10-26]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-21]			
* Salivary Glands		Hepatocellular Carcinoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 329	TRT#: 6	SEX: Female	DAY ON TEST: 719
	DOSE: 1000MG/L	DISP: Natural Death	HISTO: 00-92030

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Marked
	Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 2-6]		
[Histiocytic Sarcoma TGLS = 2-6]		
* Stomach, Glandular	Hepatocellular Carcinoma	Metastatic (Liver)
* Thymus	Hepatocellular Carcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Spleen	Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 330

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
		Hyperplasia	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
	[Hepatocellular Carcinoma TGLS = 3-22]	Hepatocellular Carcinoma	
* Lung		Hemorrhage	Minimal
		Hepatocellular Carcinoma	Metastatic (Liver)
		Metaplasia	Osseous, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	
* Skin	Subcut Tiss	Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-21]		
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
	[Hemangiosarcoma TGLS = 2-6]		
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
	[Lymphoma Malignant TGLS = 2-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 330

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92031

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Hyperplasia

Lymphoid, Moderate

* Thyroid Gland

Degeneration

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Intestine Large, Cecum	Edema	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 3-6,3-21]		
[Hepatocellular Carcinoma TGLS = 3-6,3-21]		
* Lymph Node, Mandibular	Pigmentation	Mild
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Mammary Gland	Hyperplasia	Minimal
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Minimal
	Lymphoma Malignant	
	Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]		
[Lymphoma Malignant TGLS = 2-6]		
* Stomach, Forestomach	Edema	Mild
* Thyroid Gland	Degeneration	Cystic, Moderate
* Uterus	Hyperplasia	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 331	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 1000MG/L	DISP: Terminal Sacrifice	HISTO: 00-92032

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 332

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* 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	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Eosinophilic Focus	
		Vacuolization Cytoplasmic	Moderate
Note: EOSINOPHILIC FOCUS IS ON SLIDE 21.			
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	
* Pancreas		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 720

DOSE: 1000MG/L

DISP: Moribund Sacrifice

HISTO: 00-92034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	Vagina

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Salivary Glands

OBSERVATIONS

* Intestine Small, Duodenum	Epithelium	Hyperplasia Ulcer	Moderate Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Infiltration Cellular	Mixed Cell, Minimal
	[Hepatocellular Adenoma TGLS = 5-21]	Vacuolization Cytoplasmic	Marked
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 1-22]		
* Spleen		Lymphoma Malignant	
		Pigmentation	Moderate
* Stomach, Forestomach		Edema	Moderate
	Epithelium	Hyperplasia	Mild
		Ulcer	Moderate
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 720

DOSE: 1000MG/L

DISP: Moribund Sacrifice

HISTO: 00-92034

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Degeneration

Cystic, Moderate

* Uterus

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 712

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-90958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* 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	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Harderian Gland		Adenoma	
* Heart		Mineralization	Mild
* Intestine Large, Cecum		Edema	Moderate
		Inflammation	Chronic, Moderate
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
	[Hepatocellular Carcinoma TGLS = 8-6]		
	[Histiocytic Sarcoma TGLS = 5-6]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Histiocytic Sarcoma	
		Metaplasia	Osseous, Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 10-24]		
Lymph Node	Iliac	Hemorrhage	Moderate
	Iliac	Histiocytic Sarcoma	
	[Hemorrhage TGLS = 11-23]		
	[Histiocytic Sarcoma TGLS = 11-23]		
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 334	TRT#: 6	SEX: Female	DAY ON TEST: 712
	DOSE: 1000MG/L	DISP: Natural Death	HISTO: 00-90958

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery [Necrosis TGLS = 7-22]	Fat	Necrosis	Marked
* Ovary		Histiocytic Sarcoma	
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
[Hyperplasia TGLS = 12-4]			
[Inflammation TGLS = 12-4]			
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Histiocytic Sarcoma	
		Hyperplasia	Cystic, Marked
[Histiocytic Sarcoma TGLS = 2-25]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH	- Liver	Histiocytic Sarcoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma;Lung Alveolar/Bronchiolar Carcinoma

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 542

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-88493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Ovary		Angiectasis	Mild
* Stomach, Forestomach		Erosion	Moderate
	Epithelium	Hyperplasia	Marked
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 336

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
* Bone	Cranium	Osteopetrosis	Moderate
	Femur	Osteopetrosis	Moderate
	[Osteopetrosis TGLS = 14-27]		
* Bone Marrow		Myelofibrosis	Marked
* Harderian Gland		Histiocytic Sarcoma	
* Intestine Small, Jejunum		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
	[Hydronephrosis TGLS = 6-5]		
* Liver		Hematopoietic Cell Proliferation	Marked
	[Hepatocellular Adenoma TGLS = 8-23,9-24,15-28]	Hepatocellular Adenoma	Multiple
		Necrosis	Focal, Mild
Lymph Node	Iliac	Histiocytic Sarcoma	
	Pancreatic	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 12-26]		
	[Histiocytic Sarcoma TGLS = 11-25]		
	[Histiocytic Sarcoma TGLS = 7-7]		
	[Histiocytic Sarcoma TGLS = 1-21]		
* Lymph Node, Mandibular		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 336	TRT#: 6 DOSE: 1000MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 00-92035
-----------------------	---	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 2-8] * Lymph Node, Mesenteric [Histiocytic Sarcoma TGLS = 10-5] * Mammary Gland Mesentery [Necrosis TGLS = 4-22] * Nose * Ovary * Pancreas * Pituitary Gland * Salivary Glands * Spleen [Hematopoietic Cell Proliferation TGLS = 5-6] [Histiocytic Sarcoma TGLS = 5-6] * Thymus [Histiocytic Sarcoma TGLS = 13-2] * Uterus [Histiocytic Sarcoma TGLS = 3-7] [Hyperplasia TGLS = 3-7]	Fat	Pigmentation Histiocytic Sarcoma Hyperplasia Necrosis Histiocytic Sarcoma Histiocytic Sarcoma Histiocytic Sarcoma Histiocytic Sarcoma Hyperplasia Hematopoietic Cell Proliferation Histiocytic Sarcoma Pigmentation Histiocytic Sarcoma Histiocytic Sarcoma Hyperplasia	Moderate Minimal Marked Lymphoid, Moderate Marked Mild Cystic, Moderate
--	-----	---	---

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

INSUFFICIENT TISSUE

* Gallbladder	* Pituitary Gland
---------------	-------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 4-21]			
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6 AND 22.			
[Hepatocellular Adenoma TGLS = 5-22]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary	Granulosa Cell	Hyperplasia	Mild
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Lymphoma Malignant TGLS = 3-6]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92036

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Hyperplasia

Lymphoid, Mild

* Uterus

Angiectasis

Marked

Hyperplasia

Cystic, Marked

Inflammation

Chronic, Mild

[Angiectasis TGLS = 2-7]

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 338

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* 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	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Moderate
Note: TUBULAR EPITHELIAL CELLS OF ISOLATED NEPHRONS IN OUTER CORTEX APPEAR TO BE REPLACED BY CLEAR VACUOLES.			
* Lung		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-21,5-22]			
* Ovary		Choriocarcinoma	
[Choriocarcinoma TGLS = 6-7]			
* Spleen			
Note: AREA OF SPLENIC FIBROSIS; NOT TABULATED.			
* Stomach, Forestomach		Diverticulum	
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 27

DOSE: 1000MG/L

DISP: Other

HISTO: 98-84948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 723

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-92038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* 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	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Leukemia Granulocytic	
* Bone Marrow		Leukemia Granulocytic	
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Edema	Mild
* Kidney		Leukemia Granulocytic	
* Liver		Leukemia Granulocytic	
		Necrosis	Focal, Moderate
[Leukemia Granulocytic TGLS = 5-6,5-24,6-6]			
* Lung		Hemorrhage	Moderate
		Leukemia Granulocytic	
Lymph Node	Iliac	Leukemia Granulocytic	
	Mediastinal	Leukemia Granulocytic	
	Renal	Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 9-2]			
[Leukemia Granulocytic TGLS = 7-22]			
[Leukemia Granulocytic TGLS = 8-23]			
* Lymph Node, Mandibular		Leukemia Granulocytic	
* Lymph Node, Mesenteric		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 4-5]			
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cyst	
[Cyst TGLS = 1-21]			
* Pancreas		Leukemia Granulocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 723

DOSE: 1000MG/L

DISP: Natural Death

HISTO: 00-92038

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Granulocytic TGLS = 3-6]	Leukemia Granulocytic	
* Stomach, Forestomach	Ulcer	Mild
* Stomach, Glandular	Erosion	Moderate
* Thymus	Leukemia Granulocytic	
* Thyroid Gland	Degeneration	Cystic, Mild
* Uterus [Leukemia Granulocytic TGLS = 2-7]	Hyperplasia Leukemia Granulocytic	Cystic, Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Granulocytic

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Bone	Hyperostosis	Mild
* Kidney	Hyperplasia	Lymphoid, Mild
* Liver	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
	Pigmentation	Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
* Ovary	Granulosa Cell Tumor Benign	
	Thrombosis	
[Granulosa Cell Tumor Benign TGLS = 2-7]		
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Degeneration	Cystic, Moderate
* Urinary Bladder	Hyperplasia	Lymphoid, Mild
* Uterus	Hyperplasia	Cystic, Moderate
	Leiomyosarcoma	
[Hyperplasia TGLS = 1-7]		
[Leiomyosarcoma TGLS = 3-7]		

PRIMARY CAUSE OF DEATH -

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 342

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Heart
* 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
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Lymphoma Malignant	
* Kidney		Hyperplasia	Lymphoid, Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Mild
	[Hepatocellular Adenoma TGLS = 3-6]		
	[Hepatocellular Carcinoma TGLS = 3-6]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Inguinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-23]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
Mesentery		Lymphoma Malignant	
	Fat	Necrosis	Moderate
	[Lymphoma Malignant TGLS = 2-22]		
	[Necrosis TGLS = 1-21,6-24]		
* Ovary		Angiectasis	Mild
	Follicle	Hemorrhage	Mild
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 342	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 1000MG/L	DISP: Terminal Sacrifice	HISTO: 00-92040

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Lymphoma Malignant Pigmentation Hyperplasia Ulcer	Moderate Moderate Mild
Note: FORESTOMACH HYPERPLASIA PRESENT ON SLIDES 4 AND 25. [Hyperplasia TGLS = 7-25]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-2]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: SECTION OF CECUM PRESENT ON SLIDE 10 ALONG WITH ONE ADRENAL GLAND.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 343

TRT#: 6

SEX: Female

DAY ON TEST: 618

DOSE: 1000MG/L

DISP: Moribund Sacrifice

HISTO: 00-89096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* 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
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Heart		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 4-22]		
* Lung		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-2]		
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 1-21]		
* Pituitary Gland		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Mild
	Follicular Cel	Hypertrophy	Minimal

Note: THE MALIGNANT LYMPHOMA IS AN UNDIFFERENTIATED TYPE (LARGE, ANAPLASTIC CELLS).

[Hematopoietic Cell Proliferation TGLS = 2-6]

[Lymphoma Malignant TGLS = 2-6]

Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 343	TRT#: 6	SEX: Female	DAY ON TEST: 618
	DOSE: 1000MG/L	DISP: Moribund Sacrifice	HISTO: 00-89096

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant
-------------------------------	-----------------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* 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	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	[Hepatocellular Adenoma TGLS = 3-22]	Hepatocellular Adenoma	Multiple
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary	Granulosa Cell	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		Pigmentation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
	[Lymphoma Malignant TGLS = 2-6]		
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH -

Animal Note: BONE MARROW PRESENT WITH SKULL SECTIONS ON SLIDE 9.

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 345

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLS = 3-22]		
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung		Hemorrhage	Mild
		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Pigmentation	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
		Pigmentation	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

Animal Note: APPARENT METASTASIS OF HEPATOCELLULAR CARCINOMA TO PARTS OF MESENTERY (SLIDES 7 AND 10); LESIONS APPEAR TO BE UNDIFFERENTIATED HEPATOCELLULAR CARCINOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Lymphoma Malignant	
[Eosinophilic Focus TGLS = 4-22]			
* Lung		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92043

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 347

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
		Lymphoma Malignant	
* Harderian Gland		Adenoma	
* Liver		Lymphoma Malignant	
* Lung		Edema	Mild
		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-23]			
[Lymphoma Malignant TGLS = 7-22]			
[Lymphoma Malignant TGLS = 6-21]			
[Lymphoma Malignant TGLS = 5-2]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Ovary		Cyst	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 347

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92044

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-6]

[Lymphoma Malignant TGLS = 3-6]

* Thymus

Lymphoma Malignant

* Thyroid Gland

Degeneration

Cystic, Moderate

* Uterus

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 348

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Infarct	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Mild
	Kupffer Cell	Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 2-6,4-23,5-24]			
[Hepatocellular Carcinoma TGLS = 3-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 348

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92045

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 6-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 618

DOSE: 1000MG/L

DISP: Moribund Sacrifice

HISTO: 00-89097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Esophagus		Lymphoma Malignant	
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Moderate
	Kupffer Cell	Pigmentation	Minimal
Lymph Node		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-22]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Stomach, Forestomach		Lymphoma Malignant	
* Thymus		Atrophy	Moderate
		Lymphoma Malignant	
Note: FOCAL LYMPHOMA INFILTRATION WITHIN ATROPHIED THYMUS.			
* Thyroid Gland		Degeneration	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 618

DOSE: 1000MG/L

DISP: Moribund Sacrifice

HISTO: 00-89097

ORGAN AND ACCOUNTABLE SITE STATUS

Tongue
[Lymphoma Malignant TGLS = 5-23]

Lymphoma Malignant
Lymphoma Malignant

* Uterus

Hyperplasia
Inflammation
Metaplasia

Cystic, Marked
Chronic, Moderate
Squamous, Mild

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Cecum		Hemangioma	
* Kidney		Nephropathy	Moderate
Note: NEPHROPATHY CONSISTS OF SEVERAL TUBULES IN CORTEX IN WHICH TUBULAR EPITHELIUM IS REPLACED BY CLEAR SPACES.			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
	Kupffer Cell	Pigmentation	Mild
Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6 AND 22.			
		[Hepatocellular Adenoma TGLS = 4-22]	
		[Hepatocellular Carcinoma TGLS = 4-22]	
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
		[Hyperplasia TGLS = 5-2]	
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Mammary Gland		Hyperplasia	Moderate
Mesentery	Fat	Necrosis	Marked
		[Necrosis TGLS = 1-21]	
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 6-1]	
* Salivary Glands		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92046

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hyperplasia TGLS = 3-6]		Hyperplasia	Lymphoid, Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus [Hyperplasia TGLS = 2-7]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 351

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* 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	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone		Hyperostosis	Mild
* Bone Marrow		Myelofibrosis	Mild
* Harderian Gland		Adenoma	
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Oral Mucosa		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-21]			
* Ovary		Cyst	
	Granulosa Cell	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thymus		Histiocytic Sarcoma	
* Thyroid Gland	Follicular Cel	Cyst	
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 352

TRT#: 8

SEX: Female

DAY ON TEST: 142

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 99-85917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
* Ovary		Granulosa Cell Tumor Malignant	
	[Granulosa Cell Tumor Malignant TGLS = 1-21]		
* Skin	Subcut Tiss	Edema	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Cyst	

PRIMARY CAUSE OF DEATH

- Ovary Granulosa Cell Tumor Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 353 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 729
DOSE: 2000MG/L **DISP:** Terminal Sacrifice **HISTO:** 00-92048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
	[Tension Lipidosis TGLS = 4-22]	Tension Lipidosis	
* Lung		Hemorrhage	Moderate
	[Hemorrhage TGLS = 5-23]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
Skeletal Muscle		Rhabdomyosarcoma	
	[Rhabdomyosarcoma TGLS = 1-21]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]	Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLS = 2-6]		
* Thyroid Gland		Degeneration	Cystic, Moderate
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 3-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 354

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland	Hyperplasia	Focal, Mild
* Kidney	Hyperplasia	Lymphoid, Mild
* Liver	Hepatocellular Adenoma	
	Hyperplasia	Lymphoid, Mild
[Hepatocellular Adenoma TGLS = 3-21]		
* Lymph Node, Mandibular	Pigmentation	Mild
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Salivary Glands	Hyperplasia	Lymphoid, Moderate
* Spleen	Hematopoietic Cell Proliferation	Mild
	Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]		
[Hyperplasia TGLS = 2-6]		
* Thyroid Gland	Degeneration	Cystic, Moderate
* Uterus	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 355

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* 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	* Pancreas	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 6-24,8-26]		
	[Hepatocellular Carcinoma TGLS = 7-25,8-26]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 9-29]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 5-23]		
* Ovary	Follicle	Hemorrhage	Mild
* Parathyroid Gland		Cyst	Moderate
Skeletal Muscle		Rhabdomyosarcoma	
	[Rhabdomyosarcoma TGLS = 3-22,11-27]		
* Skin		Edema	Moderate
	Subcut Tiss	Fibrosarcoma	
	[Edema TGLS = 2-8]		
	[Fibrosarcoma TGLS = 1-21,12-28]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 355	TRT#: 8 DOSE: 2000MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 00-92050
-----------------------	---	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 4-6] [Lymphoma Malignant TGLS = 4-6]		Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
* Thyroid Gland [Hyperplasia TGLS = 10-7]	Follicular Cel	Degeneration Hypertrophy Hyperplasia	Cystic, Mild Minimal Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 356

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* 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	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-22]			
* Kidney		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hyperplasia	Lymphoid, Mild
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 7-23]			
[Mixed Cell Focus TGLS = 6-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Moderate
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-21]			
* Ovary		Cyst	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Thyroid Gland		Degeneration	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 356

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92051

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Follicular Cel

Hypertrophy

Minimal

Hyperplasia

Cystic, Moderate

Polyp Stromal

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 6 = No Correlating Lesion (NCL)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 357

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Kidney	* Lung	* Mammary Gland
Mesentery	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Moderate
Note: "VACUOLIZATION CYTOPLASMIC" IS A PERSISTENT X-ZONE; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic, Mild
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
* Islets, Pancreatic		Adenoma	
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mandibular		Pigmentation	Moderate
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant	
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Mild
	Follicular Cel	Hypertrophy	Mild
* Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	

[Hyperplasia TGLS = 1-7]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 357	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 2000MG/L	DISP: Terminal Sacrifice	HISTO: 00-92052

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 2-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 358

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-21]			
* Ovary	Granulosa Cell	Hyperplasia	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thyroid Gland		Degeneration	Cystic, Moderate
	Follicular Cel	Hypertrophy	Minimal
Note: MILD LYPHOID CELL INFILTRATE IN THYROID GLAND; NOT TABULATED.			
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 359

TRT#: 8

SEX: Female

DAY ON TEST: 447

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-88174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 2-21]			
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Lymphoma Malignant TGLS = 3-6]			
* Stomach, Forestomach		Ulcer	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
	Follicular Cel	Hypertrophy	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Bone Osteosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Lymph Node;Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 360

TRT#: 8

SEX: Female

DAY ON TEST: 618

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-89098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 1-21]			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic, Mild
* Intestine Large, Cecum		Edema	Minimal
* Liver		Eosinophilic Focus	
	Kupffer Cell	Hepatocellular Adenoma	
	Hepatocyte	Pigmentation	Mild
[Eosinophilic Focus TGLS = 6-6-1]		Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 5-23]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-8]			
* Ovary	Follicle	Hemorrhage	Moderate
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Skin	Subcut Tiss	Hemangioma	
[Hemangioma TGLS = 9-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Moderate
[Lymphoma Malignant TGLS = 2-22]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 360

TRT#: 8

SEX: Female

DAY ON TEST: 618

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-89098

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7,4-7]			

PRIMARY CAUSE OF DEATH

- Bone Osteosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 361

TRT#: 8

SEX: Female

DAY ON TEST: 688

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-90405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Skin	Spinal Cord	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain		Compression	Marked
[Compression TGLS = 7-1]			
* Intestine Large, Cecum		Edema	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Karyomegaly	Mild
	Kupffer Cell	Pigmentation	Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
Note: HYPERPLASIA PRESENT IN SECTION NEXT TO CLITORAL GLAND.			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-22]			
* Ovary		Cyst	
[Cyst TGLS = 2-7]			
Peripheral Nerve		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-23]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
Skeletal Muscle		Angiectasis	Moderate
[Angiectasis TGLS = 1-21]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Erosion	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 361	TRT#: 8 DOSE: 2000MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 688 HISTO: 00-90405
-----------------------	---	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

Epithelium	Hyperplasia Ulcer	Moderate Mild
Note: FORESTOMACH HYPERPLASIA PRESENT ON SLIDES 4, 24, AND 25. [Hyperplasia TGLS = 8-24,9-25] [Ulcer TGLS = 8-24]		
* Thymus	Atrophy	Mild
* Thyroid Gland	Degeneration	Cystic, Minimal
* Urin Bladder		
Note: INFUSION ARTIFACT IN URINARY BLADDER.		
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 362

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* 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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Edema	Mild
		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary	Follicle	Hemorrhage	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 363

TRT#: 8

SEX: Female

DAY ON TEST: 667

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-90162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Brain		Inflammation	Chronic, Mild
* Heart		Mineralization	Marked
* Intestine Large, Cecum		Edema	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 6-22]	Vacuolization Cytoplasmic	Marked
	[Lymphoma Malignant TGLS = 5-6]		
	[Vacuolization Cytoplasmic TGLS = 5-6]		
* Lung		Edema	Mild
		Infiltration Cellular	Histiocyte, Mild
		Lymphoma Malignant	
	[Edema TGLS = 7-2]		
	[Infiltration Cellular TGLS = 7-2]		
	[Lymphoma Malignant TGLS = 7-2]		
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 9-3]		
	[Lymphoma Malignant TGLS = 8-23]		
* Lymph Node, Mandibular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 363	TRT#: 8	SEX: Female	DAY ON TEST: 667
	DOSE: 2000MG/L	DISP: Moribund Sacrifice	HISTO: 00-90162

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Ectasia	Moderate
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
Peripheral Nerve		Atrophy	Minimal
Skeletal Muscle		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-24]			
[Lymphoma Malignant TGLS = 2-24]			
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: POSSIBLE INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 364

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* 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	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Moderate
* Liver		Angiectasis	Moderate
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
	Kupffer Cell	Pigmentation	Mild
	[Angiectasis TGLS = 6-23]		
	[Hepatocellular Adenoma TGLS = 4-21,5-22]		
* Lung		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Lymph Node, Mandibular		Hemorrhage	Mild
* Ovary	Follicle	Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Lymphoid, Mild
* Salivary Glands		Hematopoietic Cell Proliferation	Moderate
* Spleen		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
	[Lymphoma Malignant TGLS = 3-6]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-7,2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 365

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
		Mixed Cell Focus	
Note: MIXED CELL FOCUS IS ON SLIDE 21.			
[Hepatocellular Adenoma TGLS = 4-21,5-6]			
* Lymph Node, Mandibular		Lymphoma Malignant	
		Pigmentation	Mild
[Lymphoma Malignant TGLS = 1-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Lymphoma Malignant TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 365	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 2000MG/L	DISP: Terminal Sacrifice	HISTO: 00-92056

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 366

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Kidney		Infarct	Minimal
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas	Acinus	Lymphoma Malignant	
* Salivary Glands		Hyperplasia	Focal, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
[Lymphoma Malignant TGLS = 2-6]		Lymphoma Malignant	
* Stomach, Forestomach		Squamous Cell Papilloma	
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 367

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 6-12]			
* Intestine Small, Duodenum		Polyp Adenomatous	
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-22,4-23,5-24]		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mandibular		Pigmentation	Moderate
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-21]			
* Ovary		Cyst	
	Follicle	Hemorrhage	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]		Pigmentation	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 368

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Marked
		Hepatocellular Adenoma	
	Hepatocyte	Karyomegaly	Mild
	Kupffer Cell	Pigmentation	Marked
Note: HEPATOCELLULAR ADENOMA PRESENT ON SLIDES 6 AND 23.			
		[Hematopoietic Cell Proliferation TGLS = 6-6]	
		[Hepatocellular Adenoma TGLS = 5-23]	
Lymph Node	Iliac	Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 4-22]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 3-21,7-24]	
* Ovary	Follicle	Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 368	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 2000MG/L	DISP: Terminal Sacrifice	HISTO: 00-92059

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Lymphoma Malignant TGLS = 2-6]			
* Thymus		Cyst	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 369

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Hepatocellular Adenoma Hyperplasia	Multiple Lymphoid, Mild
[Hepatocellular Adenoma TGLS = 2-22,4-24]			
* Lung	Alveolar Epith	Hemorrhage Hyperplasia	Minimal Minimal
* Lymph Node, Mandibular		Pigmentation	Moderate
Mesentery	Fat	Angiectasis Necrosis	Moderate Moderate
[Angiectasis TGLS = 3-23]			
[Necrosis TGLS = 3-23]			
* Ovary	Granulosa Cell	Hyperplasia	Mild
* Pancreas		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
		Pigmentation	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 370

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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	Mesentery	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Minimal
* Kidney	Hyperplasia	Lymphoid, Mild
	Metaplasia	Osseous, Minimal
	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	Hyperplasia	Lymphoid, Mild
	[Hepatocellular Adenoma TGLS = 5-23]	
	[Hepatocellular Carcinoma TGLS = 4-22]	
* Lung	Edema	Mild
	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
	Pigmentation	Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-6]	
* Thyroid Gland	Degeneration	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 370	TRT#: 8 DOSE: 2000MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 00-92061
-----------------------	---	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 1-7]	Follicular Cel	Hypertrophy Hyperplasia	Minimal Cystic, Mild
--	----------------	----------------------------	-------------------------

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

Animal Note: LENS WERE LOST FROM EYES DURING PROCESSING.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 371

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* 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
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fracture	
Note: APPARENT CALLUS FORMATION AND BONE REMODELING IN EPIPHYSEAL/METAPHYSEAL AREA OF FEMUR.			
* Bone Marrow		Hyperplasia	Marked
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
	Kupffer Cell	Hyperplasia	Moderate
	Hepatocyte	Karyomegaly	Moderate
	Kupffer Cell	Pigmentation	Mild
[Hepatocellular Carcinoma TGLS = 7-23]			
* Lung		Edema	Mild
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 8-24]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-8]			
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21,6-22]			
* Ovary		Cyst	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 371

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92062

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6]

[Hyperplasia TGLS = 2-6]

* Thyroid Gland

Degeneration

Cystic, Moderate

* Uterus

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 4-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: HYPERPLASTIC LYMPHOID TISSUE IN MESENTERY ON SLIDES 7 AND 24, SUGGESTIVE OF PREN EOPLASTIC LYMPHOMA DEVELOPMENT; NOT TABULATED.

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Infarct	Moderate
* Liver		Lymphoma Malignant	
		Hepatocellular Adenoma	
		Lymphoma Malignant	
		[Hepatocellular Adenoma TGLS = 10-26]	
		[Lymphoma Malignant TGLS = 11-6]	
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Popliteal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 7-23]	
		[Lymphoma Malignant TGLS = 8-24]	
		[Lymphoma Malignant TGLS = 1-21]	
		[Lymphoma Malignant TGLS = 2-8]	
		[Lymphoma Malignant TGLS = 13-27,14-28]	
		[Lymphoma Malignant TGLS = 16-29]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 372	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 2000MG/L	DISP: Terminal Sacrifice	HISTO: 00-92063

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [Lymphoma Malignant TGLS = 3-31]		Lymphoma Malignant	
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 6-30]		Lymphoma Malignant	
Mesentery [Lymphoma Malignant TGLS = 4-22,9-25]		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands Note: SALIVARY GLAND IS ON SLIDE 31. A LIVER SECTION IS ALSO PRESENT ON SLIDE 31.		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Mild
	[Hematopoietic Cell Proliferation TGLS = 5-6]		
	[Lymphoma Malignant TGLS = 5-6]		
* Stomach, Forestomach	Epithelium	Diverticulum	
		Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Note: FOREIGN BODY (FOOD PARTICLE) IN MUSCULARIS; NOT TABULATED.			
* Thymus		Lymphoma Malignant	
* Uterus		Angiectasis	Marked
		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 12-7]		

PRIMARY CAUSE OF DEATH -

Animal Note: AORTA IS ON SLIDE 5 (ATTACHED TO HEART). INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 373

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Intestine Small, Ileum	Inflammation	Chronic, Moderate
* Kidney	Hyperplasia	Lymphoid, Mild
* Lung	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular	Pigmentation	Mild
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Ovary	Cyst	
* Spleen	Accessory Spleen	
	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant	
	Pigmentation	Mild
[Accessory Spleen TGLS = 3-21]		
[Hematopoietic Cell Proliferation TGLS = 2-6]		
[Lymphoma Malignant TGLS = 2-6]		
* Thyroid Gland	Degeneration	Cystic, Minimal
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7,4-7]		

PRIMARY CAUSE OF DEATH -

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 374

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Cecum		Edema	Mild
* Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Hyperplasia	Moderate
	Kupffer Cell	Pigmentation	Mild
Note: MODERATE GLYCOGEN DEPLETION IN LIVER; NOT TABULATED. [Hepatocellular Carcinoma TGLS = 8-25]			
* Lung		Sarcoma	Metastatic (Skin)
* Lymph Node, Mandibular		Pigmentation	Moderate
Mesentery	Fat	Necrosis	Marked
		Sarcoma	Metastatic (Skin)
[Necrosis TGLS = 7-24] [Sarcoma TGLS = 3-22,7-24]			
* Pancreas		Sarcoma	Metastatic (Skin)
[Sarcoma TGLS = 5-7]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
Skeletal Muscle		Sarcoma	Metastatic (Skin)
[Sarcoma TGLS = 4-23]			
* Skin	Subcut Tiss	Sarcoma	
Note: LESION TABULATED AS "SARCOMA" IS CONSIDERED A MYXOSARCOMA; MORPHOLOGY NOT AVAILABLE ON TDMS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 374

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92065

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma TGLS = 2-21]

* Spleen

Hematopoietic Cell Proliferation

Marked

Sarcoma

Metastatic (Skin)

[Sarcoma TGLS = 6-26]

* Thymus

Atrophy

Moderate

* Thyroid Gland

Degeneration

Cystic, Mild

Follicular Cel

Hypertrophy

Moderate

* Urinary Bladder

Hyperplasia

Lymphoid, Mild

* Uterus

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: INGUINAL LYMPH NODE NOT PRESENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 375

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Intestine Large, Cecum		Edema	Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
Note: MACROPHAGES CONTAINING GOLDEN BROWN PIGMENT WITHIN CORDS OF LYMPHOMA CELL INFILTRATE IN LIVER.			
[Lymphoma Malignant TGLS = 2-6]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose		Lymphoma Malignant	
* Ovary		Angiectasis	Moderate
	Granulosa Cell	Hyperplasia	Moderate
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 375

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92066

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Marked

Lymphoma Malignant

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 376

TRT#: 8

SEX: Female

DAY ON TEST: 597

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-88945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Islets, Pancreatic	* Pancreas
--------------------------	----------------------	------------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
Note: MODERATE AMOUNT OF HEMOSIDERIN-LIKE PIGMENT IN BONE MARROW; NOT TABULATED.			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 14-12]			
* Kidney		Lymphoma Malignant	
	Renal Tubule	Necrosis	Moderate
Note: MALIGNANT LYMPHOMA PRESENT ON SLIDES 5 AND 28.			
[Lymphoma Malignant TGLS = 13-28]			
[Necrosis TGLS = 13-28]			
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-6]			
* Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-25]			
[Lymphoma Malignant TGLS = 7-24]			
[Lymphoma Malignant TGLS = 12-27]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 376

TRT#: 8

SEX: Female

DAY ON TEST: 597

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-88945

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 11-26]		
[Lymphoma Malignant TGLS = 1-21]		
[Lymphoma Malignant TGLS = 3-22]		
* Lymph Node, Mandibular	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5]		
* Mammary Gland	Hyperplasia	Minimal
Mesentery	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-23]		
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-6]		
* Stomach, Forestomach	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	
* Thyroid Gland	Degeneration	Cystic, Minimal
* Urinary Bladder	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 377

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* 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	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Eosinophilic Focus TGLS = 4-23]	
		[Hepatocellular Adenoma TGLS = 3-22]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 2-21]	
* Ovary		Angiectasis	Mild
		Cyst	
		Granulosa Cell Tumor Benign	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Moderate
		[Hematopoietic Cell Proliferation TGLS = 1-6]	
		[Lymphoma Malignant TGLS = 1-6]	
* Thyroid Gland		Degeneration	Cystic, Moderate
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 377

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92067

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 378

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 5-22]			
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Moderate
Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6 AND 21.			
[Hepatocellular Adenoma TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Ovary	Follicle	Hemorrhage	Mild
	Granulosa Cell	Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Lymphoma Malignant TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 378

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92068

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Degeneration

Cystic, Moderate

* Uterus

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: GALLBLADDER MODERATELY DILATED (TGL 4-6);MORPHOLOGY NOT AVAILABLE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 379

TRT#: 8

SEX: Female

DAY ON TEST: 685

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-90223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 5-23,6-24]		
* Lung		Edema	Mild
		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 4-22]		
* Skin	Subcut Tiss	Schwannoma Malignant	
	[Schwannoma Malignant TGLS = 1-21]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 3-7]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Skin Subcut Tiss Schwannoma Malignant

Animal Note: MILD HEMATOPOIETIC CELL PROLIFERATION IN ADRENAL CORTEX; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 379

TRT#: 8

SEX: Female

DAY ON TEST: 685

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-90223

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 380

TRT#: 8

SEX: Female

DAY ON TEST: 685

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-90224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* 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
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
Note: MALIGNANT LYMPHOMA PRESENT ON SLIDES 1 AND 22.			
[Lymphoma Malignant TGLS = 9-22]			
* Eye		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
* Liver		Lymphoma Malignant	
		Necrosis	Focal, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Necrosis TGLS = 6-23]			
[Vacuolization Cytoplasmic TGLS = 7-23]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 380

TRT#: 8

SEX: Female

DAY ON TEST: 685

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-90224

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 4-6]

* Stomach, Forestomach

Lymphoma Malignant

* Stomach, Glandular

Lymphoma Malignant

* Thymus

Lymphoma Malignant

[Lymphoma Malignant TGLS = 8-2]

* Urinary Bladder

Lymphoma Malignant

* Uterus

Hyperplasia

Cystic, Moderate

Lymphoma Malignant

[Hyperplasia TGLS = 3-7]

[Lymphoma Malignant TGLS = 3-7]

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 381

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	
		Granulosa Cell Tumor Benign	
	Follicle	Hemorrhage	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:05

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 382

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple

Note: HEPATOCELLULAR CARCINOMAS PRESENT ON SLIDES 6, 22, AND 23.

[Hepatocellular Adenoma TGLS = 3-21]

[Hepatocellular Carcinoma TGLS = 4-22,5-23]

* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate
		[Hematopoietic Cell Proliferation TGLS = 1-6]	
* Thyroid Gland		Degeneration	Cystic, Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	

[Polyp Stromal TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Kidney	Hyperplasia Nephropathy	Lymphoid, Moderate Minimal
* Liver	Hepatocellular Adenoma Hepatocellular Carcinoma Hyperplasia	Multiple Lymphoid, Mild
<p>Note: HEPATOCELLULAR ADENOMAS PRESENT ON SLIDES 6 AND 23. [Hepatocellular Adenoma TGLS = 4-23] [Hepatocellular Carcinoma TGLS = 3-22]</p>		
* Lung	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Marked
* Mammary Gland	Hyperplasia	Minimal
Mesentery	Inflammation	Chronic, Moderate
<p>[Inflammation TGLS = 2-21]</p>		
* Ovary	Cyst	
<p>Note: CYSTS ARE BILATERAL AND APPEAR TO BE EPITHELIAL CYSTS.</p>		
* Salivary Glands	Hyperplasia	Lymphoid, Moderate
* Spleen	Hematopoietic Cell Proliferation Lymphoma Malignant	Mild
<p>[Hematopoietic Cell Proliferation TGLS = 1-6] [Lymphoma Malignant TGLS = 1-6]</p>		
* Thyroid Gland	Degeneration	Cystic, Mild
* Urinary Bladder	Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92071

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:05

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 384

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Adenoma	Multiple
	Kupffer Cell	Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 5-6,5-23]	Pigmentation	Mild
Lymph Node	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-7]		
	[Lymphoma Malignant TGLS = 4-22]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)
		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hyperplasia	Minimal
* Mammary Gland		Granulosa Cell Tumor Benign	
* Ovary		Hematopoietic Cell Proliferation	Mild
* Spleen		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
	[Lymphoma Malignant TGLS = 2-6]		
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:05

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 384

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92072

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: AGGREGATION OF PLASMA CELLS ADJACENT TO ADRENAL GLAND (SLIDE 10); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:05

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 385

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Kidney	Hyperplasia	Lymphoid, Mild
* Liver	Hepatocellular Adenoma	
	Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 3-21]		
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 2-6]		
[Lymphoma Malignant TGLS = 2-6]		
* Thyroid Gland	Degeneration	Cystic, Mild
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:05

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 386

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland	Inflammation	Chronic, Mild
* Harderian Gland	Adenoma	
[Adenoma TGLS = 1-12]		
* Lung	Hyperplasia	Lymphoid, Moderate
	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
* Ovary	Cyst	
	Cystadenoma	
Note: THE CYST IS PARAOVARIAN.		
* Spleen	Hematopoietic Cell Proliferation	Minimal
	Hyperplasia	Lymphoid, Mild
	Pigmentation	Mild
* Thyroid Gland	Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:05

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 388

TRT#: 8

SEX: Female

DAY ON TEST: 681

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-90225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|--------------------------|---------------------------|-----------------------------|
| * Bone | * Bone Marrow | * Brain | * Clitoral Gland |
| * Esophagus | * Eye | * Gallbladder | * Harderian Gland |
| * Heart | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | Mesentery | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

AUTO PRECLUDES DIAG.

- | | |
|--------------------------|----------------------------|
| * Intestine Large, Cecum | * Intestine Small, Jejunum |
|--------------------------|----------------------------|

OBSERVATIONS

- | | | | |
|---|------------|-----------------------------------|----------|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Moderate |
| Note: ACCESSORY ADRENAL CORTICAL NODULE IS ON SLIDE 21. | | | |
| * Adrenal Medulla | | Pheochromocytoma Complex | |
| [Pheochromocytoma Complex TGLS = 1-21] | | | |
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Liver | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| * Thymus | | Atrophy | Mild |
| * Urin Bladder | | | |
| Note: INFUSION ARTIFACT IN URINARY BLADDER. | | | |

PRIMARY CAUSE OF DEATH - Adrenal Medulla Pheochromocytoma Complex

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:05

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 540

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-88494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pancreas

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum * Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver	Centrilobular	Necrosis	Mild
[Necrosis TGLS = 5-6]			
* Lymph Node, Mesenteric		Yolk Sac Carcinoma	Metastatic (Ovary)
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-21]			
* Ovary		Yolk Sac Carcinoma	
[Yolk Sac Carcinoma TGLS = 3-22,7-23]			
Skeletal Muscle		Yolk Sac Carcinoma	Metastatic (Ovary)
[Yolk Sac Carcinoma TGLS = 8-24]			
* Skin	Subcut Tiss	Edema	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Uterus		Yolk Sac Carcinoma	Metastatic (Ovary)
[Yolk Sac Carcinoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Ovary Yolk Sac Carcinoma

Animal Note: TISSUE RESEMBLING YOLK SAC CARCINOMA IN MESENTERY ON SLIDE 4 AND IN MEDIASTINUM ON SLIDE 2.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 540

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-88494

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: COLON IS ON SLIDE 3.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Colon

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Ileum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-21]			
* Liver		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Hyperplasia	Lymphoid, Mild
Lymph Node	Pancreatic	Hemorrhage	Marked
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Hemorrhage TGLS = 3-23]			
[Lymphoma Malignant TGLS = 3-23]			
[Lymphoma Malignant TGLS = 6-22]			
* Lymph Node, Mandibular		Lymphoma Malignant	
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Lymphoma Malignant	
[Hemorrhage TGLS = 4-5]			
[Lymphoma Malignant TGLS = 4-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92075

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland	Cyst	Moderate
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Lymphoma Malignant	
	Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]		
[Lymphoma Malignant TGLS = 2-6]		
* Thymus	Lymphoma Malignant	
* Thyroid Gland	Degeneration	Cystic, Moderate
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92076

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	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infarct	Minimal
		Metaplasia	Osseous, Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 5-23]	
		[Hepatocellular Carcinoma TGLS = 4-22]	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Marked
		[Necrosis TGLS = 3-21]	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Mild
		[Hematopoietic Cell Proliferation TGLS = 1-6]	
		[Lymphoma Malignant TGLS = 1-6]	
* Thyroid Gland	Follicle	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92076

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-88175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation Hydronephrosis Nephropathy	Moderate Moderate Marked
	[Dilatation TGLS = 2-5] [Hydronephrosis TGLS = 3-5] [Nephropathy TGLS = 2-5]		
* Liver			
	Note: MINIMAL FOCAL MINERALIZATION AND MINIMAL FOCAL HISTIOCYTIC INFILTRATE IN LIVER; NOT TABULATED.		
* Lymph Node, Mandibular		Atrophy Pigmentation	Moderate Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
* Mammary Gland		Hyperplasia	Mild
* Spleen	Lymph Follic	Atrophy Pigmentation	Moderate Moderate
* Stomach, Forestomach		Diverticulum Erosion	Mild Mild
	Epithelium	Hyperplasia Atrophy	Mild Marked
* Thymus		Degeneration	Cystic, Mild
* Thyroid Gland			
* Urin Bladder			
	Note: INFUSION ARTIFACT IN URINARY BLADDER.		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 2000MG/L

DISP: Moribund Sacrifice

HISTO: 00-88175

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 4-7]

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:05

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Heart
* 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	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Cyst	Moderate
Note: LESION ON SLIDE 21 CONSISTS OF MULTIPLE CYSTIC SPACES WITH MILD INTERSTITIAL FIBROSIS, SOME CONTAINING APPARENT SECRETORY MATERIAL; NO EVIDENCE OF NEOPLASIA.			
[Cyst TGLS = 3-21]			
* Liver		Infiltration Cellular	Mixed Cell, Moderate
* Lung		Infiltration Cellular	Histiocyte, Mild
* Ovary	Follicle	Hemorrhage	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Lymphoma Malignant TGLS = 2-6]			
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 394

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* 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	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
Note: EOSINOPHILIC FOCUS IS ON SLIDE 21. HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6 AND 21.		
	[Hepatocellular Adenoma TGLS = 3-21]	
Mesentery	Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 2-22]	
* Ovary	Granulosa Cell Tumor Benign	
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Spleen	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-6]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 646

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-89977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Adenoma	
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Skin	Epidermis	Hyperplasia	Marked
Note: EPIDERMAL HYPERPLASIA INVOLVES SECTION OF SKIN WITH CLITORAL GLAND ON SLIDE 8.			
* Spleen		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Islets, Pancreatic Adenoma

Animal Note: INFUSION ARTIFACT IN URINARY BALDDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland [Adenoma TGLS = 8-12]		Adenoma	
* Intestine Large, Cecum		Edema	Mild
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: EOSINOPHILIC FOCUS IS ON SLIDE 26. HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6, 21, 23, 24, AND 26. [Hepatocellular Adenoma TGLS = 3-21,4-22,5-23,6-24,9-26]			
Mesentery [Necrosis TGLS = 7-25]	Fat	Necrosis	Marked
* Ovary		Cyst	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:05

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 397

TRT#: 8

DOSE: 2000MG/L

SEX: Female

DISP: Natural Death

DAY ON TEST: 535

HISTO: 00-88455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Harderian Gland	* Intestine Large, Cecum	* Thymus
-------------------	--------------------------	----------

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Brain		Necrosis	Moderate
Note: MILD HEMORRHAGE ASSOCIATED WITH NECROSIS; NOT TABULATED.			
[Necrosis TGLS = 9-1]			
* Heart		Mineralization	Moderate
* Kidney		Nephropathy	Mild
* Liver		Histiocytic Sarcoma	
	Centrilobular	Necrosis	Marked
[Histiocytic Sarcoma TGLS = 4-6,5-6,6-21]			
[Necrosis TGLS = 4-6]			
* Lung		Histiocytic Sarcoma	
		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Renal	Hemorrhage	Moderate
	Renal	Histiocytic Sarcoma	
[Hemorrhage TGLS = 7-22]			
[Histiocytic Sarcoma TGLS = 7-22]			
* Ovary		Histiocytic Sarcoma	
	Granulosa Cell	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 397	TRT#: 8 DOSE: 2000MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 535 HISTO: 00-88455
-----------------------	---	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Mild Moderate
[Hyperplasia TGLS = 8-23] [Ulcer TGLS = 8-23]			
* Uterus		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:05

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-6]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Ovary		Cyst	
		Granulosa Cell Tumor Benign	
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/18/2014

Time Report Requested: 22:31:05

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 399

TRT#: 8

SEX: Female

DAY ON TEST: 475

DOSE: 2000MG/L

DISP: Natural Death

HISTO: 00-88285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Stomach, Forestomach	* Stomach, Glandular
------------------------	----------------------

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Islets, Pancreatic	Adenoma	
Note: MODERATE HEMORRHAGE WITHIN AND SURROUNDING THE ISLET CELL ADENOMA. [Adenoma TGLS = 3-7.1]		
* Liver	Hepatocellular Adenoma Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 5-22] [Hepatocellular Carcinoma TGLS = 4-21]		
* Ovary	Angiectasis	Moderate
* Spleen	Hematopoietic Cell Proliferation Pigmentation	Mild Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/18/2014
Time Report Requested: 22:31:05
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 00-92081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* 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	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Hyperplasia	Minimal
* Ovary	Granulosa Cell	Hyperplasia	Moderate
* Spleen		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE