SDMS Document ID
1021959

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

RS-SB-2

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1241

Matrix (soil/water): SOIL Lab Sample ID: R1241-2

Level (low/med): LOW Date Received: 04/15/00

% Solids: 9.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14100		*	P
7440-36-0	Antimony	2.6	B		P
7440-38-2	Arsenic	11.4			P
7440-39-3	Barium	29.5		*	P
7440-41-7	Beryllium	8.5		E	P
7440-43-9	Cadmium	114		*	P
7440-70-2	Calcium	83400		*	P
7440-47-3	Chromium	11.3		E	P
7440-48-4	Cobalt	12.7		*	P
7440-50-8	Copper	2460			P
7439-89-6	Iron	128000			P
7439-92-1	Lead	200		*	P
7439-95-4	Magnesium	2660		*	P
7439-96-5	Manganese	4260		*	P
7439-97-6	Mercury	0.21	B		CV
7440-02-0	Nickel	23.3		*	P
7440-09-7	Potassium	225	B		P
7782-49-2	Selenium	2.3	U	N	P
7440-22-4	Silver	0.85	B	N	P
7440-23-5	Sodium	8600			P
7440-28-0	Thallium	12.9			P
7440-62-2	Vanadium	7.5	B	E	P
7440-66-6	Zinc	27000			P

Pond overflow

Color Before: BROWN Clarity Before: _____ Texture: FINE

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

Post-it® Fax Note 7671 Date 4/17 # of pages ▶
To TIEN NGUYEN From CES SIMS
Co./Dept. EPA Co. START
Phone # 312-6820 Phone # 291-8239
Fax # 318-6962 Fax # 291-8252

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RS-SE-1

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1241

Matrix (soil/water): SOIL Lab Sample ID: R1241-1

Level (low/med): LOW Date Received: 04/15/00

% Solids: 5.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

upper Pond

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	31000		*	P
7440-36-0	Antimony	8.5	B		P
7440-38-2	Arsenic	48.4			P
7440-39-3	Barium	280		*	P
7440-41-7	Beryllium	19.2		E	P
7440-43-9	Cadmium	115		*	P
7440-70-2	Calcium	26000		*	P
7440-47-3	Chromium	38.4		E	P
7440-48-4	Cobalt	24.4		*	P
7440-50-8	Copper	4190			P
7439-89-6	Iron	281000			P
7439-92-1	Lead	1180		*	P
7439-95-4	Magnesium	17600		*	P
7439-96-5	Manganese	10900		*	P
7439-97-6	Mercury	0.38	B		CV
7440-02-0	Nickel	44.4		*	P
7440-09-7	Potassium	2990			P
7782-49-2	Selenium	3.9	U	N	P
7440-22-4	Silver	19.5		N	P
7440-23-5	Sodium	3980			P
7440-28-0	Thallium	27.1			P
7440-62-2	Vanadium	41.6		E	P
7440-66-6	Zinc	23700			P

Color Before: BROWN Clarity Before: _____ Texture: FINE

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RS-SE-3

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1241

Matrix (soil/water): SOIL Lab Sample ID: R1241-3

Level (low/med): LOW Date Received: 04/15/00

% Solids: 80.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5170		*	P
7440-36-0	Antimony	0.42	B		P
7440-38-2	Arsenic	9.5			P
7440-39-3	Barium	89.3		*	P
7440-41-7	Beryllium	0.65		E	P
7440-43-9	Cadmium	0.40	B	*	P
7440-70-2	Calcium	36600		*	P
7440-47-3	Chromium	7.6		E	P
7440-48-4	Cobalt	5.6		*	P
7440-50-8	Copper	14.7			P
7439-89-6	Iron	14900			P
7439-92-1	Lead	26.3		*	P
7439-95-4	Magnesium	4060		*	P
7439-96-5	Manganese	508		*	P
7439-97-6	Mercury	0.04			CV
7440-02-0	Nickel	11.3		*	P
7440-09-7	Potassium	1310			P
7782-49-2	Selenium	0.26	U	N	P
7440-22-4	Silver	0.07	U	N	P
7440-23-5	Sodium	224	B		P
7440-28-0	Thallium	0.70	B		P
7440-62-2	Vanadium	12.9		E	P
7440-66-6	Zinc	94.1			P

STREAM / RIVER
Down stream
of Pond overflow

Color Before: BROWN Clarity Before: _____ Texture: COARSE

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RS-SE-4

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1241

Matrix (soil/water): SOIL Lab Sample ID: R1241-4

Level (low/med): LOW Date Received: 04/15/00

% Solids: 63.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5490		*	P
7440-36-0	Antimony	0.80	B		P
7440-38-2	Arsenic	10.1			P
7440-39-3	Barium	104		*	P
7440-41-7	Beryllium	0.64	B	E	P
7440-43-9	Cadmium	0.76		*	P
7440-70-2	Calcium	9670		*	P
7440-47-3	Chromium	7.4		E	P
7440-48-4	Cobalt	5.8		*	P
7440-50-8	Copper	26.3			P
7439-89-6	Iron	16900			P
7439-92-1	Lead	41.6		*	P
7439-95-4	Magnesium	4250		*	P
7439-96-5	Manganese	830		*	P
7439-97-6	Mercury	0.05	B		CV
7440-02-0	Nickel	11.8		*	P
7440-09-7	Potassium	1080			P
7782-49-2	Selenium	0.33	U	N	P
7440-22-4	Silver	0.62	B	N	P
7440-23-5	Sodium	216	B		P
7440-28-0	Thallium	1.4	B		P
7440-62-2	Vanadium	14.9		E	P
7440-66-6	Zinc	157			P

UP Stream of Pond over flow

Color Before: BROWN Clarity Before: _____ Texture: COARSE

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RS-SE-5

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1241

Matrix (soil/water): SOIL Lab Sample ID: R1241-5

Level (low/med): LOW Date Received: 04/15/00

% Solids: 19.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12100		*	P
7440-36-0	Antimony	4.5	B		P
7440-38-2	Arsenic	35.1			P
7440-39-3	Barium	200		*	P
7440-41-7	Beryllium	4.3		E	P
7440-43-9	Cadmium	51.4		*	P
7440-70-2	Calcium	7790		*	P
7440-47-3	Chromium	15.7		E	P
7440-48-4	Cobalt	56.9		*	P
7440-50-8	Copper	722			P
7439-89-6	Iron	80200			P
7439-92-1	Lead	796		*	P
7439-95-4	Magnesium	7040		*	P
7439-96-5	Manganese	19000		*	P
7439-97-6	Mercury	0.11	B		CV
7440-02-0	Nickel	40.8		*	P
7440-09-7	Potassium	1730			P
7782-49-2	Selenium	3.4		N	P
7440-22-4	Silver	17.0		N	P
7440-23-5	Sodium	1400			P
7440-28-0	Thallium	6.7			P
7440-62-2	Vanadium	18.0		E	P
7440-66-6	Zinc	7760			P

NPDES Discharge Pond

Color Before: BROWN Clarity Before: _____ Texture: FINE

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RS-SE-6

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1241_

Matrix (soil/water): SOIL_ Lab Sample ID: R1241-6

Level (low/med): LOW__ Date Received: 04/15/00

% Solids: _14.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG__

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13800		*	P
7440-36-0	Antimony	2.5	B		P
7440-38-2	Arsenic	12.6			P
7440-39-3	Barium	54.3		*	P
7440-41-7	Beryllium	8.6		E	P
7440-43-9	Cadmium	113		*	P
7440-70-2	Calcium	88300		*	P
7440-47-3	Chromium	10.1		E	P
7440-48-4	Cobalt	14.2		*	P
7440-50-8	Copper	2370			P
7439-89-6	Iron	120000			P
7439-92-1	Lead	276		*	P
7439-95-4	Magnesium	4160		*	P
7439-96-5	Manganese	5330		*	P
7439-97-6	Mercury	0.15	B		CV
7440-02-0	Nickel	24.2		*	P
7440-09-7	Potassium	459	B		P
7782-49-2	Selenium	1.5	U	N	P
7440-22-4	Silver	2.1	B	N	P
7440-23-5	Sodium	1990	U		P
7440-28-0	Thallium	11.7			P
7440-62-2	Vanadium	8.4	B	E	P
7440-66-6	Zinc	25300			P

Dup of #2

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RS-SW-1

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: Q1241

Matrix (soil/water): WATER Lab Sample ID: Q1241-1

Level (low/med): LOW Date Received: 04/15/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	339			P
7440-36-0	Antimony	2.1	U		P
7440-38-2	Arsenic	2.3	U		P
7440-39-3	Barium	25.2			P
7440-41-7	Beryllium	0.88	B		P
7440-43-9	Cadmium	21.5			P
7440-70-2	Calcium	250000			P
7440-47-3	Chromium	0.40	U		P
7440-48-4	Cobalt	4.0	B		P
7440-50-8	Copper	42.7			P
7439-89-6	Iron	6080			P
7439-92-1	Lead	4.8			P
7439-95-4	Magnesium	20600			P
7439-96-5	Manganese	2100			P
7439-97-6	Mercury	0.13	B		CV
7440-02-0	Nickel	7.3			P
7440-09-7	Potassium	1810			P
7782-49-2	Selenium	2.2	U	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	13000			P
7440-28-0	Thallium	3.2	U		P
7440-62-2	Vanadium	0.81	B		P
7440-66-6	Zinc	4490			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RS-SW-2

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: Q1241

Matrix (soil/water): WATER Lab Sample ID: Q1241-2

Level (low/med): LOW Date Received: 04/15/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	264			P
7440-36-0	Antimony	2.1	U		P
7440-38-2	Arsenic	2.3	U		P
7440-39-3	Barium	24.1			P
7440-41-7	Beryllium	0.58	B		P
7440-43-9	Cadmium	17.4			P
7440-70-2	Calcium	245000			P
7440-47-3	Chromium	0.40	U		P
7440-48-4	Cobalt	3.2	B		P
7440-50-8	Copper	27.0			P
7439-89-6	Iron	2600			P
7439-92-1	Lead	10.7			P
7439-95-4	Magnesium	20900			P
7439-96-5	Manganese	1900			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.5			P
7440-09-7	Potassium	1810			P
7782-49-2	Selenium	2.2	U	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	11800			P
7440-28-0	Thallium	3.2	U		P
7440-62-2	Vanadium	0.40	U		P
7440-66-6	Zinc	3570			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RS-SW-3

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: Q1241

Matrix (soil/water): WATER Lab Sample ID: Q1241-3

Level (low/med): LOW Date Received: 04/15/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	300			P
7440-36-0	Antimony	2.1	U		P
7440-38-2	Arsenic	2.3	U		P
7440-39-3	Barium	71.1			P
7440-41-7	Beryllium	0.24	B		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	33100			P
7440-47-3	Chromium	0.40	U		P
7440-48-4	Cobalt	0.50	U		P
7440-50-8	Copper	0.60	U		P
7439-89-6	Iron	277			P
7439-92-1	Lead	1.3	U		P
7439-95-4	Magnesium	5180			P
7439-96-5	Manganese	46.4			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.1	B		P
7440-09-7	Potassium	792	B		P
7782-49-2	Selenium	2.2	U	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	2480			P
7440-28-0	Thallium	3.2	U		P
7440-62-2	Vanadium	0.64	B		P
7440-66-6	Zinc	2.6	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RS-SW-4

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: Q1241

Matrix (soil/water): WATER Lab Sample ID: Q1241-4

Level (low/med): LOW Date Received: 04/15/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	334			P
7440-36-0	Antimony	2.1	U		P
7440-38-2	Arsenic	2.3	U		P
7440-39-3	Barium	72.8			P
7440-41-7	Beryllium	0.28	B		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	32000			P
7440-47-3	Chromium	0.40	U		P
7440-48-4	Cobalt	0.50	U		P
7440-50-8	Copper	0.60	U		P
7439-89-6	Iron	276			P
7439-92-1	Lead	1.3	U		P
7439-95-4	Magnesium	5110			P
7439-96-5	Manganese	27.9			P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	0.75	B		P
7440-09-7	Potassium	801	B		P
7782-49-2	Selenium	2.2	U	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	2470			P
7440-28-0	Thallium	3.2	U		P
7440-62-2	Vanadium	0.67	B		P
7440-66-6	Zinc	1.4	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RS-SW-5

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: Q1241

Matrix (soil/water): WATER Lab Sample ID: Q1241-5

Level (low/med): LOW Date Received: 04/15/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	46.6	B		P
7440-36-0	Antimony	2.1	U		P
7440-38-2	Arsenic	2.3	U		P
7440-39-3	Barium	20.9			P
7440-41-7	Beryllium	0.32	B		P
7440-43-9	Cadmium	5.7			P
7440-70-2	Calcium	236000			P
7440-47-3	Chromium	0.40	U		P
7440-48-4	Cobalt	1.8	B		P
7440-50-8	Copper	2.5	B		P
7439-89-6	Iron	717			P
7439-92-1	Lead	2.8	B		P
7439-95-4	Magnesium	21300			P
7439-96-5	Manganese	1540			P
7439-97-6	Mercury	0.11	B		CV
7440-02-0	Nickel	3.5	B		P
7440-09-7	Potassium	2600			P
7782-49-2	Selenium	2.2	U	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	12600			P
7440-28-0	Thallium	3.2	U		P
7440-62-2	Vanadium	0.40	U		P
7440-66-6	Zinc	1320			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RS-SW-6

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: Q1241

Matrix (soil/water): WATER Lab Sample ID: Q1241-6

Level (low/med): LOW Date Received: 04/15/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	274			P
7440-36-0	Antimony	2.1	U		P
7440-38-2	Arsenic	2.3	U		P
7440-39-3	Barium	23.3			P
7440-41-7	Beryllium	0.60	B		P
7440-43-9	Cadmium	16.8			P
7440-70-2	Calcium	236000			P
7440-47-3	Chromium	0.56	B		P
7440-48-4	Cobalt	3.1	B		P
7440-50-8	Copper	21.7			P
7439-89-6	Iron	2280			P
7439-92-1	Lead	9.5			P
7439-95-4	Magnesium	20200			P
7439-96-5	Manganese	1830			P
7439-97-6	Mercury	0.11	B		CV
7440-02-0	Nickel	5.9			P
7440-09-7	Potassium	1740			P
7782-49-2	Selenium	2.2	U	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	11300			P
7440-28-0	Thallium	3.2	U		P
7440-62-2	Vanadium	0.40	U		P
7440-66-6	Zinc	3400			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments: