

Hit Summary Sheet SW-846

SDG No.: P3847

Order ID: P3847

Client: Chemtech Consulting Group

Project ID: NJ Waste Water PT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PT-TM1-WP								
P3847-02	PT-TM1-WP	Water	Aluminum	2550		1.98	20.0	ug/L
P3847-02	PT-TM1-WP	Water	Antimony	797		0.11	2.00	ug/L
P3847-02	PT-TM1-WP	Water	Arsenic	541		0.090	1.00	ug/L
P3847-02	PT-TM1-WP	Water	Barium	598		0.30	10.0	ug/L
P3847-02	PT-TM1-WP	Water	Beryllium	300		0.16	1.00	ug/L
P3847-02	PT-TM1-WP	Water	Cadmium	403		0.30	1.00	ug/L
P3847-02	PT-TM1-WP	Water	Calcium	89.4	J	62.5	500	ug/L
P3847-02	PT-TM1-WP	Water	Chromium	563		0.40	2.00	ug/L
P3847-02	PT-TM1-WP	Water	Cobalt	181		0.062	1.00	ug/L
P3847-02	PT-TM1-WP	Water	Copper	657		0.40	2.00	ug/L
P3847-02	PT-TM1-WP	Water	Iron	1370		9.60	50.0	ug/L
P3847-02	PT-TM1-WP	Water	Lead	935		0.11	1.00	ug/L
P3847-02	PT-TM1-WP	Water	Manganese	628		0.24	1.00	ug/L
P3847-02	PT-TM1-WP	Water	Nickel	1650	D	0.36	2.00	ug/L
P3847-02	PT-TM1-WP	Water	Tin	0.33	J	0.12	5.00	ug/L
P3847-02	PT-TM1-WP	Water	Molybdenum	528		0.93	5.00	ug/L
P3847-02	PT-TM1-WP	Water	Selenium	484		1.38	5.00	ug/L
P3847-02	PT-TM1-WP	Water	Silver	601		0.077	1.00	ug/L
P3847-02	PT-TM1-WP	Water	Sodium	94.2	J	85.8	500	ug/L
P3847-02	PT-TM1-WP	Water	Thallium	415		0.085	1.00	ug/L
P3847-02	PT-TM1-WP	Water	Vanadium	1060	D	0.14	10.0	ug/L
P3847-02	PT-TM1-WP	Water	Zinc	613		0.56	5.00	ug/L
P3847-02	PT-TM1-WP	Water	Strontium	443		0.35	1.00	ug/L
P3847-02	PT-TM1-WP	Water	Titanium	0.30	J	0.26	5.00	ug/L
Client ID : PT-SNTI-WP								
P3847-04	PT-SNTI-WP	Water	Tin	1300	D	0.24	10.0	ug/L
P3847-04	PT-SNTI-WP	Water	Titanium	97.1		0.26	5.00	ug/L
Client ID : PT-MIN2-WP								
P3847-06	PT-MIN2-WP	Water	Calcium	67600	D	313	2500	ug/L
P3847-06	PT-MIN2-WP	Water	Magnesium	28500	D	133	2500	ug/L
P3847-06	PT-MIN2-WP	Water	Potassium	23000	D	231	2500	ug/L
P3847-06	PT-MIN2-WP	Water	Sodium	84900	D	429	2500	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/03/24
Project:	NJ Waste Water PT	Date Received:	09/05/24
Client Sample ID:	PT-TM1-WP	SDG No.:	P3847
Lab Sample ID:	P3847-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2550		1	1.98	20.0	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-36-0	Antimony	797		1	0.11	2.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-38-2	Arsenic	541		1	0.090	1.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-39-3	Barium	598		1	0.30	10.0	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-41-7	Beryllium	300		1	0.16	1.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-43-9	Cadmium	403		1	0.30	1.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-70-2	Calcium	89.4	J	1	62.5	500	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-47-3	Chromium	563		1	0.40	2.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-48-4	Cobalt	181		1	0.062	1.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-50-8	Copper	657		1	0.40	2.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7439-89-6	Iron	1370		1	9.60	50.0	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7439-92-1	Lead	935		1	0.11	1.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7439-95-4	Magnesium	26.6	U	1	26.6	500	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7439-96-5	Manganese	628		1	0.24	1.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7439-98-7	Molybdenum	528		1	0.93	5.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-02-0	Nickel	1650	D	2	0.36	2.00	ug/L	10/17/24 11:00	10/17/24 18:45	SW6020	3010A
7440-09-7	Potassium	46.1	U	1	46.1	500	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7782-49-2	Selenium	484		1	1.38	5.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-22-4	Silver	601		1	0.077	1.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-23-5	Sodium	94.2	J	1	85.8	500	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-24-6	Strontium	443		1	0.35	1.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-28-0	Thallium	415		1	0.085	1.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-31-5	Tin	0.33	J	1	0.12	5.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-32-6	Titanium	0.30	J	1	0.26	5.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A
7440-62-2	Vanadium	1060	D	2	0.14	10.0	ug/L	10/17/24 11:00	10/17/24 18:45	SW6020	3010A
7440-66-6	Zinc	613		1	0.56	5.00	ug/L	10/17/24 11:00	10/17/24 18:25	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group3			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/03/24
Project:	NJ Waste Water PT	Date Received:	09/05/24
Client Sample ID:	PT-SNTI-WP	SDG No.:	P3847
Lab Sample ID:	P3847-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-31-5	Tin	1300	D	2	0.24	10.0	ug/L	10/17/24 11:00	10/17/24 18:48	SW6020	3010A
7440-32-6	Titanium	97.1		1	0.26	5.00	ug/L	10/17/24 11:00	10/17/24 18:28	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/03/24
Project:	NJ Waste Water PT	Date Received:	09/05/24
Client Sample ID:	PT-MIN2-WP	SDG No.:	P3847
Lab Sample ID:	P3847-06	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-70-2	Calcium	67600	D	5	313	2500	ug/L	10/17/24 11:00	10/17/24 18:51	SW6020	3010A
7439-95-4	Magnesium	28500	D	5	133	2500	ug/L	10/17/24 11:00	10/17/24 18:51	SW6020	3010A
7440-09-7	Potassium	23000	D	5	231	2500	ug/L	10/17/24 11:00	10/17/24 18:51	SW6020	3010A
7440-23-5	Sodium	84900	D	5	429	2500	ug/L	10/17/24 11:00	10/17/24 18:51	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group5			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	P3847	OrderDate:	9/5/2024 2:21:00 PM
Client:	Chemtech Consulting Group	Project:	NJ Waste Water PT
Contact:	QA Officer	Location:	QA Office

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3847-02	PT-TM1-WP	Water	Metals Group3	6020B	09/03/24	10/17/24	10/17/24	09/05/24
P3847-04	PT-SNTI-WP	Water	Metals Group4	6020B	09/03/24	10/17/24	10/17/24	09/05/24
P3847-06	PT-MIN2-WP	Water	Metals Group5	6020B	09/03/24	10/17/24	10/17/24	09/05/24