## SAINT PAUL REGIONAL WATER SERVICES

## PHYSICAL AND CHEMICAL ANALYSIS OF WATER

## AUG 2020

All results are in parts per million & Samples Measured are Dissolved Ions. Analytes with Nelac Lab Cert No. are Nelac Accredited analytes

Calor (Color Units)     4     -4     Hach Method 8025       Song Ingtition (ppm)     84     140     SM 2540 E     Importance       Toral Balls (ppm)     84     140     SM 2540 E     Importance       Toral Dissolved Solids (ppm)     140     180     SM 2540 C-97     1731662       Torabidity (NTU)     0.020     0.031     SM 2130 B-94     1791662       ChEMICAL WATER QUALITY     Reporting Limit     EFFLUEINT     Method Reference     Nelac Lab Cert. No       Mikalnity-Total (ppm as CaCO <sub>2</sub> )     0.40     63     SM 2340 C     SM 2340 C       Disolved Oxygen (ppm)     12     6.9     SM 4500-H b-96     1191662       VenC-Carbonate Hardness (ppm as CaCO <sub>2</sub> )-EDTA method     0.40     84     SM 2340 C     1791662       Total Hardness (ppm as CaCO <sub>2</sub> )-EDTA method # 40     2.00     4.27     SM 3230 B (Online)     1791662       Total Inderdes (ppm as CACO <sub>2</sub> )-EDTA method # 40     2.00     4.27     SM 3230 C     1791766       Total Inderdes (ppm as SA)     0.050     -0.056     EFFLUEINT     Method Reference     Nelac Lab Cert. No       Maro	PHYSICAL WATER QUALITY				
costs grintion (ppm)     B4       SM 2540 E       Foral Dissolved Solids (ppm)     140     SM 2540 C-93     1791662       Total Dissolved Solids (ppm)     140     180     SM 2540 C-93     1791662       Trobidity (NTU)     0.020     0.031     SM 2130 B-94     1791662       CHEMICAL WATER OUALITY     0.020     0.031     SM 2300 B     1791662       Stabonate Hardness (ppm as CaCO <sub>3</sub> )     0.40     63     SM 2300 B     1791662       Stabonate Hardness (ppm as CaCO <sub>3</sub> )     0.40     63     SM 2300 C     1791662       Stabonate Hardness (ppm as CaCO <sub>3</sub> )     0.40     21     SM 2300 C     1791662       Total Graphic Carbon (ppm as C)     2.00     4.21     SM 2340 C     1791662       Total Ardness (ppm as CaCO <sub>3</sub> )     0.40     21     SM 2340 C     1791662       Total Ardness (ppm as CaCO <sub>3</sub> )     0.40     21     SM 2340 C     17917662       Total Ardness (ppm as CaCO <sub>3</sub> )     0.40     21     SM 2340 C     1791766       Total Ardness (pam as N)     0.020     1.026     Hach 10205     17917766		Reporting Limit	EFFLUENT	Method Reference	Nelac Lab Cert. No.
Non-Valaile Salts (ppm)     84     140     SM 2550 E       Temperature (°C)     0.02     26     SM 2550 B-83     1791662       Orab Dissolved Solids (ppm)     140     180     SM 2540 C-97     1791662       Turbisity (NTU)     0.020     0.031     SM 2100 B-94     1791662       Chell/CAL WATER QUALITY     Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No       Kelainity-Total (ppm as CaCO <sub>2</sub> )     0.40     63     SM 2300 C     200       Carbonate Hardness (ppm)     1.2     6.9     SM 4500-0 G (20th)     1791662       Viprogen Ion-PH     0.04     9.05     SM 4500-0 G (20th)     1791662       Vior-Carbonate Hardness (ppm)     0.40     84     SM 2300 C     1791662       Total Hardness (ppm as CCO <sub>2</sub> )=EDTA method     0.40     84     SM 2340 C     1791662       Total Hardness (ppm as CO)     2.00     4.27     SM 5310 B (Online)     1791662       Total Hardness (ppm as C)     0.020     1.026     Hach 10205     1791786       CHEMICAL WATER QUALITY - INORGANIC NONMETALS     SM 5300 C     FEPA 300.0<	Color (Color Units)	4	<4	Hach Method 8025	
Imperature (°C)     0.02     26     SM 2560 B-33     1791662       Total Dissolved Solids (ppm)     140     180     SM 2540 C-97     1791662       Tubidity (NTU)     0.020     0.031     SM 2540 C-97     1791662       CHEMICAL WATER QUALITY     Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No       Vision Carbonate Hardness (ppm as CaCO <sub>2</sub> )     0.40     63     SM 2340 C     50000     50000     50000     50000     50000     50000     50000     50000     50000     50000     50000     500000     50000     50000     50000     50000     50000     50000     50000     50000     50000     50000     50000     50000     500000     50000     500000     50000     50000     50000     50000     500000     500000     500000     500000     500000     50000000     5000000000     5000000000000000000000000000000000000	Loss Ignition (ppm)	84	<84	SM 2540 E	
Total Disolved Solids (ppm)     140     180     SM 2540 C-97     1791662       CHEMICAL WATER QUALITY     0.020     0.031     SM 2130 B-94     1791662       CHEMICAL WATER QUALITY     Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No       Kalanity-Total (ppm as CaCO <sub>3</sub> )     0.40     63     SM 23208     Nelac Lab Cert. No       Sisolved Oxygen (ppm)     1.2     6.9     SM 4500-H xe B-96     1791662       Sisolved Oxygen (ppm)     0.40     84     SM 2340 C     1791662       Vion-Carbonate Hardness (ppm as CaCO <sub>3</sub> )-EDTA method     0.40     84     SM 2340 C     1791662       Vion-Carbonate Gravin (ppm as CaCO <sub>3</sub> )-EDTA method     0.40     84     SM 2340 C     1791662       Total Hardness (ppm as CaCO <sub>3</sub> )-EDTA method     0.40     84     SM 5310 B (Online)     1791662       Chell Actiones (paint Carbon (ppm as C)     2.00     4.27     SM 5310 B (Online)     1791662       Chell Actiones (ppm as S)     0.020     1.026     Hach 10205     1791786       Chell Actiones (ppm as S)     0.020     1.026     Hach 10205     1791786	Non-Volatile Salts (ppm)	84	140	SM 2540 E	
Durbidity (NTU)     0.020     0.031     SM 2130 B-94     1731662       CHEMICAL WATER QUALITY     Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No       Kkalinity-Total (ppm as CaCO <sub>3</sub> )     0.40     63     SM 2340 C     SM 2340 C       Zarbonate Hardness (ppm as CaCO <sub>3</sub> )     0.40     9.05     SM 4500-04 B-96     1791662       Von-Carbonate Hardness (ppm as CaCO <sub>3</sub> )-EDTA method     0.40     21     SM 2340 C     1791662       Otal Argenic Carbon (ppm as CaCO <sub>3</sub> )-EDTA method     0.40     84     SM 2340 C     1791662       Total Hardness (pmix Gat as CaCO <sub>3</sub> )-EDTA method     0.40     84     SM 2340 C     1791662       Total Argenic Carbon (ppm as CaCO <sub>3</sub> )-EDTA method     0.40     84     SM 2340 C     1791662       Total Argenic Carbon (ppm as N)     0.020     1.026     Hach 10205     1791786       Ammonia Nitrogen (ppm as N)     0.020     1.026     Hach 10205     17917862       Subtorninceiter Das Cr <sup>1</sup> )     8     36     SM 4500-CLB 20th)     Analysteal       Subtorninceiter Das Sr     0.025     -0.05     EPA 300.0     Analysteal <td>Temperature (<sup>0</sup>C)</td> <td>0.02</td> <td>26</td> <td>SM 2550 B-93</td> <td>1791662</td>	Temperature ( <sup>0</sup> C)	0.02	26	SM 2550 B-93	1791662
CHEMICAL WATER QUALITY     Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No       Alkalinity-Total (ppm as CaCO <sub>3</sub> )     0.40     63     SM 23208     International Control (ppm as CaCO <sub>3</sub> )     0.40     63     SM 4500-O G (20th)     International Control (ppm as CaCO <sub>3</sub> )     0.40     63     SM 4500-O G (20th)     International Control (ppm as CaCO <sub>3</sub> )     0.40     84     SM 2340 C     International Control (ppm as CaCO <sub>3</sub> )     10.40     84     SM 2340 C     International Control (ppm as CaCO <sub>3</sub> )     10.40     84     SM 2340 C     International Control (ppm as CaCO <sub>3</sub> )     10.40     84     SM 2340 C     International Control (ppm as CaCO <sub>3</sub> )     10.40     84     SM 2340 C     International Control (ppm as CaCO <sub>3</sub> )     1791662     International Control (ppm as CaCO <sub>3</sub> )     10.20     1.026     Hach 1020     International Control (ppm as CaCO <sub>3</sub> )     International Control (ppm as CaCO <sub>3</sub> )     10.050     <0.05	Total Dissolved Solids (ppm)	140	180		1791662
Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No       Alkalinity-Total (ppm as CaCO <sub>3</sub> )     0.40     63     SM 2340 C       Dissolved Oxygen (ppm)     1.2     6.9     SM 4500 O (20th)       hydrogen lon-pH     0.04     9.05     SM 4500 O (20th)       hydrogen lon-pH     0.40     21     SM 2340 C       Total Argenic Carbon (ppm as CaCO <sub>3</sub> )-EDTA method     0.40     84     SM 2340 C       Total Argenic Carbon (ppm as CaCO <sub>3</sub> )-EDTA method     0.40     84     SM 2340 C       Total Argenic Carbon (ppm as CaCO <sub>3</sub> )-EDTA method     1791662     SM 4500 CH     1791662       Total Argenic Carbon (ppm as CaCO <sub>3</sub> )-EDTA method     8.491     SM 2340 C     1791786       CHEMICAL WATER QUALITY - INORGANIC NOMMETALS     Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No       Armonia Nitrogen (ppm as Br-1)     0.050     <0.05	Turbidity (NTU)	0.020	0.031	SM 2130 B-94	1791662
Alkalini/Total (ppm as CaCO <sub>3</sub> )     0.40     63     SM 2340 C       Carbonate Hardness (ppm as CaCO <sub>3</sub> )     0.40     63     SM 4500-O G (20th)       Sisolved Oxygen (ppm)     1.2     6.9     SM 4500-O G (20th)       VonCarbonate Hardness (ppm)     0.40     9.05     SM 4500-O G (20th)       VonCarbonate Hardness (ppm)     0.40     2.1     SM 2340 C       Total Hardness (ppm as CaCO <sub>2</sub> )-EDTA method is 4.91     Total Hardness (ppm as CaCO <sub>2</sub> )-EDTA method is 4.91     Total Hardness (ppm as CaCO <sub>2</sub> )-EDTA method is 4.91       CHEMICAL WATER QUALITY - INORGANIC NONMETALS     EFFLUENT     Method Reference     Netac Lab Cart. No       Ammonia Nitrogen (ppm as N)     0.020     1.026     Hach 10205     T791786       Simonide (ppm as Br-1)     0.050     <0.05	CHEMICAL WATER QUALITY				
Carbonate Hardness (ppm as CaCO <sub>3</sub> )     0.40     63     SM 240 C       Dissolved Oxgen (ppm)     1.2     6.9     SM 4500-0 G (20th)       Vigrogen (norp,H     0.04     9.05     SM 4500-H-B-96     1791662       Von-Carbonate Hardness (ppm as CQ-)-EDTA method     0.40     84     SM 2340 C     1791662       Total Darganic Carbon (ppm as C)     2.00     4.27     SM 5310 B (Online)     1791662       Total Variences (genia/Cal & CaCO)-EDTA method is 491     CHEMICAL WATER OUALITY - INORGANIC NOMMETALS     Nethod Reference     Netac Lab Cert. No       Ammonia Nitrogen (ppm as N)     0.020     1.026     Harch 10205     1791786       Subcontracted to Pace     Amytical     Amytical     Amytical     Amytical       Stronder Cl (ppm as Br-1)     0.055     <0.05		Reporting Limit	EFFLUENT	Method Reference	Nelac Lab Cert. No.
Dissolved Oxygen (ppm)     1.2     6.9     SM 4500-O G (20th)       fydrogen lon-pH     0.04     9.05     SM 4500-O G (20th)       rotal Bardness (ppm as CaCO_)-EDTA method     0.40     84     SM 2340 C       Total Hardness (ppm as CaCO_)-EDTA method is 491     2.00     4.27     SM 5310 B (Online)     1791662       Total Handness (grains/Cait & CaCO_)-EDTA method is 491     EFFLUENT     Method Reference     Nelac Lab Cert. No       Ammonia Nitrogen (ppm as N)     0.020     1.026     Hach 10205     1791786       Stromide (ppm as Br-1)     0.050     <0.05	Alkalinity-Total (ppm as CaCO <sub>3</sub> )	0.40	63	SM 2320B	
Dissolved Oxygen (ppm)     1.2     6.9     SM 4500-O G (20th)       Hydrogen lon-pH     0.04     9.05     SM 4500-H 8-96     1791662       Non-Carbonate Hardness (ppm as CaCO <sub>2</sub> )-EDTA method     0.40     84     SM 2340 C     Interfaces (prima SCaCO <sub>2</sub> )-EDTA method is 491       Total Indendes (grains/Gat a CaCO <sub>2</sub> )-EDTA method is 491     EFFLUENT     Method Reference     Nelac Lab Cert. No       Ammonia Nitrogen (ppm as N)     0.020     1.026     Hach 10205     1791786       Subcontracted to Pace     SM 4500-CLe (20th)     Subcontracted to Pace     Analytical       Chindle-Cl (ppm as Br-1)     0.050     <0.05	Carbonate Hardness (ppm as CaCO <sub>3</sub> )	0.40	63	SM 2340 C	
tydrogen Ion-pH     0.04     9.05     SM 4500-H+ B-96     1791662       Von-Carbonate Hardness (ppm as CaCO <sub>3</sub> )-EDTA method     0.40     21     SM 2340 C     Intervention		1.2	6.9	SM 4500-O G (20th)	
Non-Carbonate Hardness (ppm)     0.40     21     M 2340 C       Total Hardness (ppm as CaCO <sub>2</sub> )-EDTA method     0.40     84     SM 2340 C       Total Indraness (primix/Cal as CaCO <sub>2</sub> )-EDTA method is 4.91     2.00     4.27     SM 5310 B (Online)     1791662       Total Indraness (primix/Cal as CaCO <sub>2</sub> )-EDTA method is 4.91     EFFLUENT     Method Reference     Nelac Lab Cert. No       CHEMICAL WATER QUALITY - INORGANIC NONMETALS     Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No       Armonia Nitrogen (ppm as N)     0.020     1.026     Hach 10205     1791786       Subcontracted to Pace Arrange (ppm as Cl <sup>-1</sup> )     8     36     SM 4500-CL-B (20th)     Arrange (ppm as Cl <sup>-1</sup> )     8     36     SM 4500-CL-B (20th)     1791786       Subtrontracted to Pace Arrange (ppm as Cl <sup>-1</sup> )     0.085     3.39     Hach 10101     1791786       Subtros (ppm as S <sup>-1</sup> )     0.085     3.39     Hach 10101     1791786       Subtros (ppm as S <sup>-1</sup> )     0.08     0.70     EPA 353.2     1791662       Sulfurs (ppm as S <sup>-1</sup> )     0.020     <0.250		0.04			1791662
Total Hardness (ppm as CaCO <sub>3</sub> )-BDTA method     0.40     84     SM 2340 C       Total Organic Carbon (ppm as C)     2.00     4.27     SM 6310 B (Online)     1791662       Total Markness (graix/Ga ac CoC)-EDTA method is 4.91     EFFLUENT     Method Reference     Nelac Lab Cert. No       Ammonia Nitrogen (ppm as N)     0.020     1.026     Hach 10205     1791766       Ammonia Nitrogen (ppm as S)     0.050     <.0.05					
Total Organic Carbon (ppm as C)     2.00     4.27     SM 5310 B (Online)     1731662       Total Hardness (grains/Gal as CaCO p)-EDTA method is 4.91     Control Contend Control Control Control Cont Control Contend Co		0.40	84		
Total Hardness (grains/Gal as CaCO.)-EDTA method is 4.91       CHEMICAL WATER QUALITY - INORGANIC NONMETALS       Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No       Ammonia Nitrogen (ppm as N)     0.020     1.026     Hach 10205     1791786       Stromide (ppm as Br-1)     0.050     <0.05					1791662
CHEMICAL WATER QUALITY - INORGANIC NONMETALS     Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No       Ammonia Nitrogen (ppm as N)     0.020     1.026     Hach 10205     1791786       Bromide (ppm as Br-1)     0.050     <0.05					
Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No       Ammonia Nitrogen (ppm as N)     0.020     1.026     Hach 10205     1791786       Bromide (ppm as Br-1)     0.050     <0.05					
Ammonia Nitrogen (ppm as N)     0.020     1.026     Hach 10205       Bromide (ppm as Br-1)     0.050     <0.05				Method Reference	Nelac Lab Cert No
Bit Stress     Stres     Stre	Ammonia Nitrogen (ppm as N)				
Bromide (ppm as Br-1)     0.050     <0.05     EPA 300.0     Analytical       Chloride-C1 (ppm as Cl <sup>1</sup> )     8     36     SM 4500-CL-B (20th)     Chloride-C1 (ppm as Cl <sup>1</sup> )     0.085     3.39     Hach 10101     Image: Cloride-C1 (ppm as Cl <sup>1</sup> )     0.088     0.70     EPA 302.0     EPA 353.2     1791662       Sulfate (ppm as SO <sub>4</sub> )     2.7     13.2     Hach 8051     Image: Cloride-C1 (ppm as SO <sub>4</sub> )     Image: Cloride-C1 (ppm as Cloride-C1 (ppm		0.020	1.020		1791786
Chloride-Cl (ppm as Cl <sup>-1</sup> )     8     36     SM 4500-CL-B (20th)       Chlorine Residual (ppm Cl as Cl <sub>2</sub> )     0.085     3.39     Hach 10101       Chlorine Residual (ppm Cl as Cl <sub>2</sub> )     0.085     3.39     Hach 10101       Strate, Nitrite Nitrogen (ppm as N)     0.250     <0.250					Subcontracted to Pace
Chlorine Residual (ppm Cl as Cl <sub>2</sub> )     0.085     3.39     Hach 10101       Fluoride-F (ppm as F <sup>-1</sup> )     0.08     0.70     EPA 9214       Vitrate, Nitrite Nitrogen (ppm as N)     0.250     <0.250	······································	0.050	<0.05	EPA 300.0	Analytical
Iuoride-F (ppm as F <sup>+</sup> )     0.08     0.70     EPA 9214       Nitrate, Nitrite Nitrogen (ppm as N)     0.250     <0.250	Chloride-Cl (ppm as Cl <sup>-1</sup> )	8	36	SM 4500-CL-B (20th)	
Nitrate, Nitrite Nitrogen (ppm as N)     0.250     <0.250     EPA 353.2     1791662       Sulfate (ppm as S0,4)     2.7     13.2     Hach 8051     Image: Solid S	Chlorine Residual (ppm Cl as Cl <sub>2</sub> )	0.085	3.39	Hach 10101	
Nitrate, Nitrite Nitrogen (ppm as N)     0.250     <0.250     EPA 353.2     1791662       Sulfate (ppm as S0,4)     2.7     13.2     Hach 8051     Image: Solid S	Fluoride-F (ppm as F <sup>-1</sup> )	0.08	0.70	EPA 9214	
Sulfate (ppm as SO <sub>4</sub> )     2.7     13.2     Hach 8051       Sulfur-S (ppm as S)     2.7     4.4     Hach 8051       Sulfue-S <sup>2</sup> (ppm as S <sup>2</sup> )     0.020     <0.02					1791662
Sulfur-S (ppm as S)     2.7     4.4     Hach 8051       Sulfide-S <sup>2-</sup> (ppm as S <sup>2-</sup> )     0.020     <0.02		2.7	13.2	Hach 8051	
Sulfide-S <sup>2*</sup> (ppm as S <sup>2</sup> )     0.020     <0.02     Hach 8131       Total Phosphorus-P (ppm as P)     0.025     <0.025					
Total Phosphorus-P (ppm as P)     0.025     <0.025     EPA 365.1     1791662       Total Nitrogen-N (ppm as N)     0.200     0.66     SM 5310 B - Modified     CHEMICAL WATER QUALITY - METALS       Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No       Aluminum-Al (ppm as Al)     0.0009     0.0097     EPA 200.8     1791662       Cadmium-Cd (ppm as Cd)     0.0001     0.0006     EPA 200.8     1791662       Cadmium-Cd (ppm as Cd)     0.0001     <0.0001					
Total Nitrogen-N (ppm as N)     0.200     0.66     SM 5310 B - Modified       CHEMICAL WATER QUALITY - METALS       Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No       Aluminum-Al (ppm as Al)     0.0009     0.0097     EPA 200.8     1791662       Arsenic-As (ppm as As)     0.0001     0.0006     EPA 200.8     1791662       Cadmium-Cd (ppm as Cd)     0.0001     <0.0001					1791662
CHEMICAL WATER QUALITY - METALS     Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No.       Aluminum-AI (ppm as AI)     0.0009     0.0097     EPA 200.8     1791662       Arsenic-As (ppm as As)     0.0001     0.0006     EPA 200.8     1791662       Cadinum-Cd (ppm as Cd)     0.0001     <0.0001					1101002
Reporting Limit     EFFLUENT     Method Reference     Nelac Lab Cert. No       Aluminum-Al (ppm as Al)     0.0009     0.0097     EPA 200.8     1791662       Arsenic-As (ppm as As)     0.0001     0.0006     EPA 200.8     1791662       Cadmium-Cd (ppm as Cd)     0.0001     <0.0001		0.200	0.00		
Aluminum-Al (ppm as Al)     0.0009     0.0097     EPA 200.8     1791662       Arsenic-As (ppm as As)     0.0001     0.0006     EPA 200.8     1791662       Cadmium-Cd (ppm as Cd)     0.0001     <0.0001		Reporting Limit	<b>FEFLUENT</b>	Method Reference	Nelac Lab Cert, No.
Arsenic-As (ppm as As)     0.0001     0.0006     EPA 200.8     1791662       Cadmium-Cd (ppm as Cd)     0.0001     <0.0001	Aluminum-Al (ppm as Al)				
Cadmium-Cd (ppm as Cd)     0.0001     <0.0001     EPA 200.8     1791662       Calcium-Ca (ppm as Ca)     0.4000     22     SM 2340 C     SM 2340 C       Copper-Cu (ppm as Cu)     0.0008     0.0017     EPA 200.8     1791662       Hexavalent Chromium (ppm as Cr <sup>6+</sup> )     0.0400     <0.04					
Calcium-Ca (ppm as Ca)     0.4000     22     SM 2340 C       Copper-Cu (ppm as Cu)     0.0008     0.0017     EPA 200.8     1791662       Hexavalent Chromium (ppm as Cr <sup>6+</sup> )     0.0400     <0.04					
Copper-Cu (ppm as Cu)     0.0008     0.0017     EPA 200.8     1791662       Hexavalent Chromium (ppm as Cr <sup>6+</sup> )     0.0400     <0.04	<u> </u>				
Hexavalent Chromium (ppm as Cr <sup>6+</sup> )     0.0400     <0.04     Hach 8023       ron-Fe (ppm as Fe)     0.0052     <0.0052					1791662
ron-Fe (ppm as Fe)     0.0052     <0.0052     EPA 200.8       Lead-Pb (ppm as Pb)     0.0001     <0.0001					
Lead-Pb (ppm as Pb)     0.0001     <0.0001     EPA 200.8     1791662       Magnesium-Mg (ppm as Mg)     0.4000     6     SM 2340 C        Manganese-Mn (ppm as Mn)     0.0002     <0.0002					
Magnesium-Mg (ppm as Mg)     0.4000     6     SM 2340 C       Manganese-Mn (ppm as Mn)     0.0002     <0.0002					1791662
Manganese-Mn (ppm as Mn)     0.0002     <0.0002     EPA 200.8     1791662       Silicon-Si (ppm as Si)     NA     NA     EPA 200.8        Sodium-Na (ppm as Na)     0.0007     22.19     EPA 200.8        Strontium-Sr (ppm as Sr)     0.0001     0.0690     EPA 200.8        Zinc-Zn (ppm as Zn)     0.0002     0.0013     EPA 200.8     1791662       MICROBIOLOGY WATER QUALITY        Number of Samples     EFFLUENT     Method Reference     Nelac Lab Cert. No.       Total Coliform Count 35°C/100 ml     240     Absent     SM 9223 B-97 (IDEXX Colilert)     1791662					
Silicon-Si (ppm as Si)     NA     NA     EPA 200.8       Sodium-Na (ppm as Na)     0.0007     22.19     EPA 200.8       Strontium-Sr (ppm as Sr)     0.0001     0.0690     EPA 200.8       Zinc-Zn (ppm as Zn)     0.0002     0.0013     EPA 200.8       MICROBIOLOGY WATER QUALITY     Number of Samples     EFFLUENT     Method Reference     Nelac Lab Cert. No.       Total Coliform Count 35°C/100 ml     240     Absent     SM 9223 B-97 (IDEXX Colilert)     1791662	Manganese-Mn (ppm as Mn)				1791662
Sodium-Na (ppm as Na)     0.0007     22.19     EPA 200.8       Strontium-Sr (ppm as Sr)     0.0001     0.0690     EPA 200.8       Zinc-Zn (ppm as Zn)     0.0002     0.0013     EPA 200.8       MICROBIOLOGY WATER QUALITY     Number of Samples     EFFLUENT     Method Reference     Nelac Lab Cert. No.       Total Coliform Count 35°C/100 ml     240     Absent     SM 9223 B-97 (IDEXX Colilert)     1791662	Silicon-Si (ppm as Si)				
Strontium-Sr (ppm as Sr)     0.0001     0.0690     EPA 200.8       Zinc-Zn (ppm as Zn)     0.0002     0.0013     EPA 200.8     1791662       MICROBIOLOGY WATER QUALITY     Number of Samples     EFFLUENT     Method Reference     Nelac Lab Cert. No.       Total Coliform Count 35°C/100 ml     240     Absent     SM 9223 B-97 (IDEXX Colilert)     1791662	Sodium-Na (ppm as Na)				
Zinc-Zn (ppm as Zn)     0.0002     0.0013     EPA 200.8     1791662       MICROBIOLOGY WATER QUALITY     Number of Samples     EFFLUENT     Method Reference     Nelac Lab Cert. No.       Total Coliform Count 35°C/100 ml     240     Absent     SM 9223 B-97 (IDEXX Colilert)     1791662	Strontium-Sr (ppm as Sr)	0.0001		EPA 200.8	
MICROBIOLOGY WATER QUALITY     Number of Samples     EFFLUENT     Method Reference     Nelac Lab Cert. No.       Total Coliform Count 35°C/100 ml     240     Absent     SM 9223 B-97 (IDEXX Colilert)     1791662	Zinc-Zn (ppm as Zn)	0.0002			1791662
Number of Samples     EFFLUENT     Method Reference     Nelac Lab Cert. No.       Total Coliform Count 35°C/100 ml     240     Absent     SM 9223 B-97 (IDEXX Colilert)     1791662	MICROBIOLOGY WATER QUALITY				
Total Coliform Count 35°C/100 ml     240     Absent     SM 9223 B-97 (IDEXX Colilert)     1791662		Number of Samples	EFFLUENT	Method Reference	Nelac Lab Cert. No.
E. Coli Count 35°C/100 ml 240 Absent SM 9223 B-97 (IDEXX Colilert) 1791662	Total Coliform Count 35°C/100 ml				1791662
	E. Coli Count 35°C/100 ml	240	Absent	SM 9223 B-97 (IDEXX Colilert)	1791662

