

MICROSCOPIC EXAMINATION OF WATER											
Sample from: Village of Tuxedo Park				Jeff Voss (DPW)							
Collection Date: 8/1/17				Examination Date: 8/2/17				Amount Examined: 200 ml.			
Site A : Water Plant Dock #1				Site B: Water Plant Dock #2				Site C: Intake			
BACILLARIOPHYTA (Diatoms)	A	B	C	CHLOROPHYTA (Green Algae)	A	B	C	CYANOPHYTA (Blue-green Algae)	A	B	C
<i>Asterionella</i>				<i>Ankistrodesmus</i>				<i>Anabaena</i>	630	580	
<i>Cyclotella</i>				<i>Chlamydomonas</i>				<i>Anacystis</i>			
<i>Cymbella</i>				<i>Chlorella</i>				<i>Aphanizomenon</i>	150	110	
<i>Diatoma</i>				<i>Chlorococcum</i>				<i>Coelosphaerium</i>			
<i>Fragilaria</i>				<i>Closterium</i>				<i>Gomphosphseria</i>			
<i>Melosira</i>				<i>Coelastrum</i>	120	110		<i>Lyngbya</i>			
<i>Navicula</i>	10			<i>Eudorina</i>		20		<i>Microcystis</i>			
<i>Pinnularia</i>				<i>Mougeotia</i>				<i>Oscillatoria</i>			
<i>Rhizosolenia</i>				<i>Oedogonium</i>				<i>Pseudoanabaena</i>			
<i>Stephanodiscus</i>				<i>Oocystis</i>				<i>Synechocystis</i>			
<i>Synedra</i>		40		<i>Pandorina</i>							
<i>Tabellaria</i>	10			<i>Pediastrum</i>				PROTOZOA			
				<i>Phytoconis</i>				<i>Actinophrys</i>			
				<i>Rhizoclonium</i>							
				<i>Scenedesmus</i>							
CHRYSOPHYTA (Golden Algae)	A	B	C	<i>Spirogyra</i>				EUGLENOPHYTA (Euglenoids)	A	B	C
				<i>Staurastrum</i>	20			<i>Euglena</i>			
<i>Dinobryon</i>				<i>Sphaerocystis</i>				<i>Phacus</i>			
<i>Mallomonas</i>				<i>Ulothrix</i>				<i>Trachelomonas</i>			
<i>Synura</i>				<i>Volvox</i>							
<i>Tribonema</i>				<i>Cosmarium</i>							
<i>Uroglenopsis</i>				<i>Actinastrum</i>							
				<i>Gloeocystis</i>	10	20		PYRRHOPHYTA (Dinoflagellates)	A	B	C
								<i>Ceratium</i>			
								<i>Peridinium</i>			
SITE	A	B	C	NOTES: This is the first sampling event of 2017 at this site. Samples collected by client and dropped off at our office. The algal density at both sites is considered moderate with moderate sample diversity. The assemblage at each site is dominated by nuisance blue-green algae. Blue-green algae accounted for 82% and 78% of the total algal community at sites #1 and #2 respectively. Trace diatoms and some green algae were also observed in each sample. Water clarity data not provided. Treatment will likely be required soon.							
TOTAL GENERA:	7	6									
TRANSPARENCY:	NA	NA									
ORGANISMS PER MILLILITER:	950	880									