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Marsh Trip Memo

Purpose

The purpose of this memo is to debrief what I've learned while on the trip to the wastewater treatment plant. We got an inside look at an operational wastewater treatment plant and got to see the different phases the wastewater went through during the treatment process.

Discussion

This wastewater treatment plant has been operational for about 30 years, and over these years it has been poorly maintained. Poor maintenance of the wastewater treatment plant has resulted in sludge buildup at the bottom of the marshes. This imposes safety hazards on the environment as well the surrounding animals. The wastewater plant managers have implemented "blue frogs" in the marshes, in hopes to combat this sludge build up. The blue frogs are intended to disperse the sludge throughout the marsh. These have never before been used in a marsh and the effects of the blue frogs in a marsh are unprecedented. Exploring new horizons is how the employees at the Arcata wastewater treatment plant hope to keep their plant alive.

Conclusion

Many people are oblivious to the importance of the wastewater treatment plants and the amount of pollution that is avoided because of them. These plants are essential in helping humans reduce their impact on the environment. It's important that these plants receive proper funding in order to stay operational.