TSSD Laboratory TKN **HACH 10242**

Rev 1.0

Date: 8/15 ¢ F/	16	Itah Lake Sa	emples)	Analyst:ws
i.17 mg/L Std ID				photometer ID: DR3900
3.56mg/L HACH Spk ID		(second source)	Зреспо	
		(second source)		Reactor ID: DRB200
Viai Set ID	:	_		
Sample ID	Total N mg/L	NO₃-N + NO₂-N mg/L	TKN mg/L	
Blank	0.142	0.089	0.053	
Std SRM WP162	1.54	0.109	1.43	
#1	1.08	0.169 4	0.908	
2	1,30	0.659	0.645	Spk TV: 2.26
3	1.72	0.200 u	1.52	
4	3,32	0.397	2.92	
5	3.86	0.438	3.42	
6	1.70	0.235	1.46	
7	3.52	0.295	3.22	
8	1.56	0.229	1.33	Preserved Samples:
9	3.82 >3.3	0.368	3.46 > 3.37	
9 dup	3.64	0.353	3.28	Final Inf pH:
9 spk	2,88	0.072	2.34	Final Eff pH:
				NaOH ID:
				Did all samples have an initial pH < 2? YES
				NO
Comments:				
W	Std Range: ±10%			
Acceptable Dup Range: ±10%			Date:	

TSSD Laboratory Ammonia, NH3-N HACH 10205

Analysis Date:AUG 28 201		ev 1.0	Tech: Just
Sample ID# 17 1 8 2 6			Spectrophotometer ID: DR3600
1000mg/L HR Stock Std ID:/ 100 mg/L LR Std ID:/ 10.0 mg/L Std ID:/	1466	HR Vial ID: <u> </u>	
4mg/L HR Spk ID:			
0.4mg/L LR Spk ID:	A CANAL PROPERTY OF THE PARTY O		
Sample ID	LR NH₃ mg/L (0.015-2.00 range)	HR NH₃ mg/L (2.00-47.0 range)	
Blank		-0,079	1
HR Std 10		10.2	1
LR Std 1.0			1
INF Grab		34.4	1
INF Grab Spk		24.0	HR Spk TV: 22 25
INF Grab Spk/Dup		22.9	1
EFF Grab	0.084		1
EFF Grab Spk			LR Spk TV:
EFF Grab Spk/Dup			
W#1 bioreactor			
W#2 bioreactor	0.052		Drace wood Committee
W#3 bioreactor	0,060		Preserved Samples:
W#4 bioreactor	0.046		Raw Inf pH:
E#1 bioreactor			Final Eff pH:
E#2 bioreactor	01/00	-	
E#3 bioreactor			
E#4 bioreactor	0.097		NaOH ID:
Total NH3-N Effluent Comp.			
Comments:			
QC Data Review: Acceptable Std Rang	<u> </u>	ved By:	

Date:_____

Acceptable Dup Range: ± 10%

TSSD Laboratory Total-Phosphorus, ortho-Phosphorus

HACH 10210, 10209 using TNT 843, 844

Rev 1.0 Analysis Date: 8-17-17 Sample ID#___17 08 17 Spectrophotometer ID: DR3900 HR Vial ID: (584 + CP 8-17-17 SRM 1000 mg/L Std ID: 200 0.1685 LR Vial ID: (590 - 45 Total Total Ortho Ortho LR PO4-P mg/L HR PO4-P mg/L LR PO4-P mg/L HR PO4-P mg/L Sample ID (0.005-1.50 range) (0.5-5.0 range) (0.005-1.50 (0.5-5.0 range) DOS Blank HR Std 1.0 D.673 31719 LR Std 1.0 0.698 0.401 0.430 Comments: QC Data Review: Acceptable Std Range: ± 15% Reviewed By:_____ Acceptable Dup Range: ± 10% Date:____

TSSD Laboratory TSS / VSS Method 2540 D & E

	Effluent	Eff Dup	Influent
Dry Filter + Solids gm. #1	0.1086	0.1076	0.4088
Dry Filter + Solids gm. #2	0,1086	0.1076	0.4089
Dry Filter + Solids gm. #3			
Filter (Tare) gm.	0.1067	0.1057	0.3837
Wt. of Solids (Net) gm.			
Sample Vol. mL	250	250	100
TSS mg/L	7.6	7.6	252
Ignited Filter Wt. gm.			0.3890
Residue Wt. gm.			
VSS %			79.0

Oven 104 °C Time In 1003

Time Out 1128

* Time Out 1158

* Time Out

Furnace 550 °C Time In 1255

Time Out 1242

Date AUG 28 2017

Sample ID No. 17 18 28

* Repeat the drying cycle until a constant weight is obtained (weight loss <0.0005 g)

Tech Mass

INTERCEPTORS			
Filter + Solids (Gross) gm.			
Filter (Tare) gm.			
Wt. of Solids (Net) gm.			
Sample Vol. mL			
TSS mg/L			
Ignited Filter Wt. gm.			
Residue Wt. gm.			
VSS %			

BIOREACTORS	W2	W3	W4	E2	E4
Dry Filter + Solids gm. #1	0,4648	0.4667	0.4712	0.4866	0,4676
Dry Filter + Solids gm. #2	0,4650	0.4670	0,4712	0.4866	0.4677
Dry Filter + Solids gm. #3					
Filter (Tare) gm.	0.3866	0.3856	0.3901	0.3916	0,3869
Wt. of Solids (Net) gm.		Scalar (Bull-Mine) (Liberate) - Hecotekide) School (Bara)	311		
Sample Vol. mL	20.0	20.0	20.0	20.0	20.0
TSS mg/L	3920	4070	4055	4750	4040
Ignited Filter Wt. gm.	0.4025	0,4019	04066	0.4115	0.4036
Residue Wt. gm.					
VSS %	79.7	80,0	79.7	79.1	79.3

Reviewed	Ву:	
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