

Meter reads - Edgewood WWTP DP- 1654

Oct	Utility water	Truck pum	Lagoon	Effleunt	Perm meter	Infleunt	meter
1	2	0	3501	3503	1185785	3174	914445
2	29	0	6985	7014	1192799	6486	920931
3	294	0	12117	12411	1198196	11099	925544
4	6	0	7698	7704	1205900	7010	932554
5	235	0	3291	3526	1209426	3040	935594
6	3	0	4726	4729	1214155	4358	939952
7	344	0	5450	5794	1219949	5085	945037
8	6	0	6073	6079	1226028	5635	950672
9	64	0	12709	12773	1238801	12923	963595
10	971	0	13124	14095	1252896	12912	976507
11	8	0	12919	12927	1265823	12028	988535
12	2960	0	13938	16898	1282721	19092	1007627
13	636	0	11456	12092	1294813	10737	1018364
14	200	0	12984	13184	1307997	11892	1030256
15	148	0	12337	12485	1320482	10401	1040657
16	277	0	13407	13684	1334166	12729	1053386
17	283	0	13661	13944	1348110	12844	1066230
18	42	0	15891	15933	1364043	16745	1082975
19	68	0	8806	8874	1372917	7829	1090804
20	2046	0	8508	10554	1383471	15546	1106350
21	226	0	10029	10295	1393766	9284	1115634
22	0	0	13699	13699	1407465	12694	1128328
23	55	0	14726	14781	1422246	14011	1142339
24	282	0	12546	12828	1435074	10735	1153516
25	0	0	11310	11310	1446384	10177	1163693
26	247	0	13442	13689	1460073	11181	1174874
27	9	0	12226	12235	1472308	12041	1186915
28	133	0	10543	10676	1483985	10676	1197591
29	78	0	16823	16901	1500886	12714	1210305
30	295	0	14700	14995	1515881	13694	1223999
31	173	0	13544	13717	1529598	12468	1236467
Totals	10160	0	343169	353329		331240	
D. Aver	327.74	0	11069.96	11397.7		10685.16	

On 10/11/10 we got dumped on by septic company working for Smiths
 On 10/09/10 new hook up complete for Smiths



Meter reads - Edgewood WWTP DP- 1654

	Utility water	Truck pump	Lagoon	Effeunt	Perm mete	Infleunt	meter
Nov							
1	34	0	13919	13953	1543551	13065	1249532
2	3	0	12673	12676	1556227	11608	1261140
3	280	0	14647	14927	1571154	11409	1272549
4	248	0	15882	16130	1587284	15773	1288322
5	4	0	14105	14109	1601393	12464	1300786
6	4	0	14158	14162	1615555	12401	1313187
7	350	0	14932	15282	1630837	13749	1326936
8	11	0	14650	14661	1645498	13557	1340493
9	266	0	11572	11838	1657336	10634	1351127
10	7	0	11450	11457	1669672	11457	1362584
11	201	0	11408	11609	1681281	11663	1374247
12	88	0	15809	15897	1697178	13969	1388216
13	46	0	12640	12686	1709864	11539	1399755
14	246	0	13590	13836	1723700	12459	1412214
15	12	0	13672	13684	1737384	12889	1425103
16	345	0	14576	14921	1752305	13347	1438450
17	13	0	14716	14729	1767034	13657	1452107
18	11	0	17341	17352	1784386	17095	1469202
19	80	0	13920	14000	1798386	12519	1481721
20	330	0	12864	13194	1811580	11966	1493687
21	158	0	13385	13543	1825123	12764	1506451
22	5	0	14076	14081	1839204	12871	1519322
23	120	0	12281	12401	1851605	11693	1531015
24	97	0	14560	14657	1866262	14143	1545158
25	382	0	15359	15741	1882003	13727	1558885
26	6	0	8867	8873	1890876	8815	1567700
27	41	0	12436	12537	1903413	11374	1579074
28	257	0	14805	15062	1918475	14022	1593096
29	12	0	14641	14653	1933128	14157	1607253
30	8994	0	10419	19413	1952541	11650	1618903
Total	12651	0	409353	422064		382436	
D. Aver	421.7	0	13645.1	14068.8		12747.86	

On 11/30 Turned on belt press first time.



Meter reads - Edgewood WWTP DP- 1654

	Utility water	Truck pump	Lagoon	Effluent	Perm mete	Influent	meter
Dec							
1	3132	0	13819	16951	1969492	11507	1630410
2	269	0	13681	13950	1983442	12991	1643401
3	17	0	15027	15044	1998486	13775	1657176
4	215	0	11426	11641	2010127	12427	1669603
5	22	0	14306	14328	2024455	12357	1681960
6	1	0	12994	12995	2037450	11586	1693546
7	514	0	10924	11438	2048888	11356	1704902
8	2506	0	14161	16667	2065555	11981	1716883
9	329	0	12455	12784	2078339	11789	1728669
10	0	0	13689	13689	2092028	12694	1741363
11	298	0	14382	14680	2106708	13413	1754776
12	157	0	20072	20229	2121937	14169	1768945
13	8	0	10936	10944	2132881	10073	1779018
14	259	0	13987	14246	2147122	12888	1791916
15	447	0	11036	11483	2158605	9851	1801767
16	1632	0	12397	14029	2172634	11983	1813750
17	13	0	17525	17538	2190172	15309	1829059
18	322	0	14764	15086	2205258	14094	1843153
19	274	0	12850	13124	2218382	12080	1855233
20	0	0	13869	13869	2232251	13533	1868766
21	220	0	14147	14367	2246618	12865	1881631
22	3928	0	12547	16475	2263093	12519	1894150
23	374	0	14376	14750	2277843	13058	1907208
24	66	0	15078	15144	2292987	14126	1921334
25	NA	NA	NA	NA	NA	NA	NA
26	336	0	13424	13760	2306747	12603	1933937
27	1047	0	9918	10965	2317712	10227	1944164
28	3881	0	12645	16526	2334238	11775	1955939
29	4551	0	14744	19295	2353533	14027	1969962
30	59	0	13810	13869	2367402	13053	1983015
31	13	0	12375	12388	2379790	11568	1994583
Total	24890	0	407364	432254		375677	
D. Aver.	802.9	0	13140.77	13943.67		12118.61	
QT Total	47701	0	1159886	1207647		1089353	
QT Aver	518.48	0	12607.45	13126.59		11840.79	



Solids removal - Edgewood WWTP DP - 1654

2010

February	0
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March	0
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April	0
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May	0
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June	0
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July	0
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August	0
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September	0
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October	0
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November	0
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December	17327
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✓ This is gallons that have went to Belt Press



UV reads- Edgewood WWTP
DP-1654

	OCT	NOV	DEC
1	0	0	na
2	48.7	0	na
3	45.5	32.7	na
4	37.8	28.2	na
5	36.4	28.4	na
6	0	0	na
7	37.5	18	na
8	0	20	na
9	27.42	15.6	na
10	30	0	na
11	30	10	na
12	30.7	57.16	na
13	73	51.35	na
14	71.1	40.4	na
15	0	52.15	na
16	59.2	37.6	na
17	49.4	0	na
18	42	46.7	na
19	44.5	0	na
20	0	20.2	na
21	50.4	47.8	na
22	0	0	na
23	43.2	UV not working needs bulbs	
24	46	na	na
25	0	na	na
26	37.4	na	na
27	0	na	na
28	0	na	na
29	0	na	na
30	32	na	na
31	32.3		na

Zero is plant not running at time of visit
Ordered bulbs all flow to lagoon



✓ Turbidity reads- Edgewood WWTP

DP-1654

✓ OCT ✓ NOV ✓ DEC

1	0.34		0.25		0.4
2	0.32		0.25		0.4
3	0.9		0.25		0.37
4	0.4		0.21		0.36
5	0.3		0.24		0.36
6	0.33		0.25		0.4
7	0.26		0.25		0.38
8	0.12		0.27		0.38
9	0.35		0.25		0.39
10	0.22		0.23		0.39
11	0.4		0.24		0.39
12	0.6		0.2		0.4
13	0.7		0.14		0.4
14	0.24		0.24		0.3
15	0.26		0.4		0.5
16	0.3		0.33		0.36
17	0.3		0.7		0.38
18	0.24		0.2		0.4
19	0.23		0.8		0.48
20	0.14		0.32		0.44
21	0.11		0.3		0.36
22	0.12		0.3		0.39
23	0.12		0.4		0.4
24	0.12		0.5		0.63
25	0.23		0.33	na	
26	0.23		0.36		0.3
27	0.27		0.37		0.66
28	0.3		0.38		0.31
29	0.27		0.39		0.59
30	0.27		0.4		0.31
31	0.25				0.49
Average	0.29		0.325		0.39



Hall Environmental Analysis Laboratory, Inc.

Date: 31-Oct-10

CLIENT: Rocking V. Water Service
 Lab Order: 1010591
 Project: Edgewood WWTP
 Lab ID: 1010591-01

Client Sample ID: effluent ✓
 / Collection Date: 10/13/2010 1:40:00 PM
 Date Received: 10/13/2010
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Nitrogen, Nitrate (As N)	✓ 1.9	0.10		mg/L	1	10/14/2010 3:00:20 AM
SM 9223B FECAL INDICATOR: E. COLI MPN						Analyst: MAW
E. Coli	✓ <1	1.0		CFU/100ml	1	10/14/2010 5:00:00 PM
SM 4500 NORG C: TKN						Analyst: TAF
Nitrogen, Kjeldahl, Total	✓ ND	1.0		mg/L	1	10/25/2010 1:45:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Inorganic non-metals

Client: Hall Environmental Analysis Laboratory Description: 1010591-01B Date Sampled: 10/13/2010 1340 Date Received: 10/14/2010	Laboratory ID: LJ14008-001 Matrix: Aqueous
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Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(BOD, 5 day) SM 5210B	1	10/19/2010 1225	SAM	10/14/2010 1255	5968

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
BOD, 5 day		SM 5210B	ND		2.0	0.18	mg/L	1

PQL = Practical quantitation limit
 ND = Not detected at or above the MDL
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
 J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
 P = The RPD between two GC columns exceeds 40%
 N = Recovery is out of criteria
 H = Out of holding time

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Hall Environmental Analysis Laboratory, Inc.

Date: 31-Oct-10

CLIENT: Rocking V Water Service
Lab Order: 1010591
Project: Edgewood WWTP
Lab ID: 1010591-03

Client Sample ID: membrane
/ **Collection Date:** 10/13/2010 1:40:00 PM
Date Received: 10/13/2010
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SM 2540D: TSS Suspended Solids	/ 9900	500		mg/L	1	Analyst: KS 10/15/2010 9:16:00 AM

Qualifiers:

* Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
NC Non-Chlorinated
PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits



Inorganic non-metals

Client: Hall Environmental Analysis Laboratory

Laboratory ID: LJ14006-002

Description: 1010591-02A

Matrix: Aqueous

Date Sampled: 10/13/2010 1340 ✓

Date Received: 10/14/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(BOD, 5 day) SM 5210B	1	10/19/2010 1225	SAM	10/14/2010 1255	5968

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
BOD, 5 day		SM 5210B	>210	5	2.0	0.18	mg/L	1

Footnote(s): 5-Final D.O. < 1.00 mg/L

PQL = Practical quantitation limit

ND = Not detected at or above the MDL

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank

J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

H = Out of holding time

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rocking V Water Service

Lab Order: 1010A55

Facility: Edgewood WWTP

Lab ID: 1010A55-01B

WSS ID:

Location:

Client Sample ID: effluent ✓

Collection Date: 10/25/2010 11:05:00 AM

Matrix: AQUEOUS

Compliance Safe:

Date Received: 10/25/2010

Prep Date: 10/25/2010 2:30:00 PM

Analyses	Result	Qual	RL	MCL	Units	Dil	Fac
SDWIS Code SM 9223B FECAL INDICATOR: E. COLI MPN	Date Analyzed: 10/28/2010 4:00:00 PM	Analyst: MAW					
3014 E. Coll	✓ <1		1		CFU/100ml		1

Qualifiers:
* Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
NC Non-Chlorinated
PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

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Inorganic non-metals

Client: Hall Environmental Analysis Laboratory Description: 1010A55-01A/Effluent ✓ Date Sampled: 10/26/2010 1105 ✓ Date Received: 10/26/2010	Laboratory ID: LJ26017-001 Matrix: Aqueous
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Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1		(BOD, 5 day) SM 5210B	1	11/01/2010 0954	SAS	10/27/2010 0607	5988			

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
BOD, 5 day		SM 5210B	✓ ND		2.0	0.18	mg/L	1

PQL = Practical quantitation limit ND = Not detected at or above the MDL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"	B = Detected in the method blank J = Estimated result < PQL and ≥ MDL	E = Quantitation of compound exceeded the calibration range P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria H = Out of holding time
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Inorganic non-metals

Client: Hall Environmental Analysis Laboratory

Laboratory ID: LJ26017-002

Description: 1010A66-02A/Influent ✓

Matrix: Aqueous

Date Sampled: 10/26/2010 1105 ✓

Date Received: 10/26/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(BOD, 5 day) SM 5210B	1	11/01/2010 0954	SAS	10/27/2010 0807	5988

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
BOD, 5 day		SM 5210B	>460	5	2.0	0.18	mg/L	1

Footnote(s): 5-Final D.O. < 1.00 mg/L

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

H = Out of holding time

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Hall Environmental Analysis Laboratory, Inc.

Date: 11-Nov-10

CLIENT: Rocking V Water Service
Lab Order: 1011021
Project: Edgewood WWTP
Lab ID: 1011021-01

Client Sample ID: Effluent ✓
Collection Date: 11/1/2010 10:30:00 AM
Date Received: 11/1/2010
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SM 9223B FECAL INDICATOR: E. COLI MPN						Analyst: MAW
E. Coli	21.6 ✓	1.0		CFU/100ml	1	11/2/2010 5:00:00 PM

Qualifiers:

* Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
NC Non-Chlorinated
PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits



Hall Environmental Analysis Laboratory, Inc.

Date: 11-Nov-10

CLIENT: Rocking V Water Service	Client Sample ID: Membrane
Lab Order: 1011021	Collection Date: 11/1/2010 10:30:00 AM
Project: Edgewood WWTP	Date Received: 11/1/2010
Lab ID: 1011021-03	Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SM 2540D: TSS						Analyst: KS
Suspended Solids	10000 ✓	500		mg/L	1	11/2/2010 2:34:00 PM

Qualifiers:

* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
E Estimated value	H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits	MCL Maximum Contaminant Level
NC Non-Chlorinated	ND Not Detected at the Reporting Limit
PQL Practical Quantitation Limit	S Spike recovery outside accepted recovery limits



Inorganic non-metals

Client: Hall Environmental Analysis Laboratory Description: 1011021-01A/Effluent ✓ Date Sampled: 11/01/2010 1030 ✓ Date Received: 11/02/2010	Laboratory ID: LK02004-001 Matrix: Aqueous
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Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(BOD, 5 day) SM 5210B	1	11/08/2010 0944	SAS	11/03/2010 0800	6001

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
BOD, 5 day		SM 5210B	ND		2.0	0.18	mg/L	1

PQL = Practical quantitation limit	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL	J = Estimated result < PQL and ≥ MDL	P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"		N = Recovery is out of criteria
		H = Out of holding time



Inorganic non-metals

Client: Hall Environmental Analysis Laboratory

Laboratory ID: LK02004-002

Description: 1011021-02A/Influent

Matrix: Aqueous

Date Sampled: 11/01/2010 1030

Date Received: 11/02/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1		(BOD, 5 day) SM 5210B	1	11/08/2010 0944	SAS	11/03/2010 0800	6001			

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
BOD, 5 day		SM 5210B	✓ >440	5	2.0	0.18	mg/L	1

Footnote(s): 5-Final D.O. < 1.00 mg/L

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

H = Out of holding time

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rocking V Water Service
Lab Order: 1011337
Facility: Edgewood WWTP **WSS ID:**
Lab ID: 1011337-01B **Location:**

✓ **Client Sample ID:** effluent
 ✓ **Collection Date:** 11/8/2010 2:30:00 PM
Matrix: AQUEOUS
Compliance Safe:
Date Received: 11/8/2010
Prep Date: 11/9/2010 11:00:00 AM

Analyses	Result	Qual	RL	MCL	Units	Dil	Fac
SDWIS Code SM 9223B FECAL INDICATOR: E. COLI MPN 3014 E. Coli	✓ <1		1		CFU/100ml		1

Date Analyzed: 11/10/2010 11:15:00 A **Analyst:** MAW

- | | | |
|---|---|-------------|
| Modifiers:
* Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
NC Non-Chlorinated
PQL Practical Quantitation Limit | B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits | Page 1 of 1 |
|---|---|-------------|



Inorganic non-metals

Client: Hall Environmental Analysis Laboratory

Laboratory ID: LK09010-001

Description: 1011337-01A/Effluent ✓

Matrix: Aqueous

Date Sampled: 11/08/2010 1430 ✓

Date Received: 11/09/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(BOD, 5 day) SM 5210B	1	11/15/2010 0843	MML	11/10/2010 0756	6018

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
BOD, 5 day		SM 5210B	✓ 2.9		2.0	mg/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

H = Out of holding time

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Inorganic non-metals

Client: Hall Environmental Analysis Laboratory

Laboratory ID: LK09010-002

Description: 1011337-02A/Influent ✓

Matrix: Aqueous

Date Sampled: 11/08/2010 1430 ✓

Date Received: 11/09/2010

Run	Prep Method	Analytical Method (BOD, 5 day) SM 5210B	Dilution	Analysis Date	Analyst	Prep Date	Batch
1			1	11/15/2010 0843	MML	11/10/2010 0756	6018

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
BOD, 5 day		SM 5210B	✓ 360		2.0	mg/L	1

PQL = Practical quantitation limit
 ND = Not detected at or above the PQL
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
 J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
 P = The RPD between two GC columns exceeds 40%
 N = Recovery is out of criteria
 H = Out of holding time



Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rocking V Water Service

Lab Order: 1010755

Facility: Edgewood WWTP

Lab ID: 1010755-01A

WSS ID:

Location:

Client Sample ID: effluent ✓

Collection Date: 10/18/2010 2:25:00 PM

Matrix: AQUEOUS

Compliance Safe:

Date Received: 10/18/2010

Prep Date: 10/18/2010 5:30:00 PM

	Analyses	Result	Qual	RL	MCL	Units	DI Fac
SDWIS Code	SM 9229B	FECAL INDICATOR: E. COLI MPN					
3014	E. Coli	✓ <1		1		CFU/100ml	1
		Date Analyzed: 10/19/2010 5:30:00 PM		Analyst: MAW			

- Modifiers:**
- * Value exceeds Maximum Contaminant Level
 - E Estimated value
 - J Analyte detected below quantitation limits
 - NC Non-Chlorinated
 - PQL Practical Quantitation Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Hall Environmental Analysis Laboratory, Inc.

Date: 30-Nov-10

CLIENT: Rocking V Water Service
Lab Order: 1011667
Project: Edgewood WWTP
Lab ID: 1011667-01

Client Sample ID: Effluent
✓ Collection Date: 11/16/2010 2:00:00 PM
Date Received: 11/16/2010
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SM 9223B FECAL INDICATOR: E. COLI MPN						Analyst: MAW
E. Coli	1.0	1.0		CFU/100ml	1	11/17/2010 5:15:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Inorganic non-metals

Client: Hall Environmental Analysis Laboratory Description: 1011667-01B/Effluent ✓ Date Sampled: 11/16/2010 1400 ✓ Date Received: 11/17/2010	Laboratory ID: LK17014-001 Matrix: Aqueous
---	---

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(BOD, 5 day) SM 5210B	1	11/22/2010 1438	MML	11/17/2010 1800	6033

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
BOD, 5 day		SM 5210B	✓ 3.9		2.0	mg/L	1

PQL = Practical quantitation limit
 ND = Not detected at or above the PQL
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
 J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
 P = The RPD between two GC columns exceeds 40%
 N = Recovery is out of criteria
 H = Out of holding time



Inorganic non-metals

Client: Hall Environmental Analysis Laboratory Description: 1011667-02A/Influent ✓ Date Sampled: 11/16/2010 1400 ✓ Date Received: 11/17/2010	Laboratory ID: LK17014-002 Matrix: Aqueous
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Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(BOD, 5 day) SM 5210B	1	11/22/2010 1438	MML	11/17/2010 1600	6033

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
BOD, 5 day		SM 5210B	✓ 350		2.0	mg/L	1

PQL = Practical quantitation limit ND = Not detected at or above the PQL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"	B = Detected in the method blank J = Estimated result < PQL and ≥ MDL	E = Quantitation of compound exceeded the calibration range P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria H = Out of holding time
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Hall Environmental Analysis Laboratory, Inc.

Date: 09-Dec-10

CLIENT: Rocking V Water Service
Lab Order: 1011A45
Project: Edgewood WWTP
Lab ID: 1011A45-01

Client Sample ID: Effluent ✓
Collection Date: 11/30/2010 2:50:00 PM
Date Received: 11/30/2010
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SM 9223B FECAL INDICATOR: E. COLI MPN						
E. Coli	> 2419.6 ✓	1.0		CFU/100ml	1	Analyst: MAW 12/1/2010 5:30:00 PM

UV unit down
and found some broken tubes on
membranes.
Repaired and next sample better

Dave

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Inorganic non-metals

Client: Hall Environmental Analysis Laboratory

Laboratory ID: LL01010-001

Description: 1011A45-01B/Effluent ✓

Matrix: Aqueous

Date Sampled: 11/30/2010 1450 ✓

Date Received: 12/01/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(BOD, 5 day) SM 5210B	1	12/07/2010 0842	ARW	12/02/2010 0830	6058

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
BOD, 5 day		SM 5210B	✓ 330		2.0	mg/L	1

PQL = Practical quantitation limit
 ND = Not detected at or above the PQL
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
 J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
 P = The RPD between two GC columns exceeds 40%
 N = Recovery is out of criteria
 H = Out of holding time



Inorganic non-metals

Client: Hall Environmental Analysis Laboratory	Laboratory ID: LL01010-002
Description: 1011A45-02A/Influent ✓	Matrix: Aqueous
Date Sampled: 11/30/2010 1450 ✓	
Date Received: 12/01/2010	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(BOD, 5 day) SM 5210B	1	12/07/2010 0842	ARW	12/02/2010 0830	6058

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
BOD, 5 day		SM 5210B	360 ✓		2.0	mg/L	1

PQL = Practical quantitation limit

ND = Not detected at or above the PQL

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank

J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

H = Out of holding time

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QA/QC SUMMARY REPORT

Client: Rocking V Water Service
 Project: Edgewood WWTP

Work Order: 1011A45

Analyte	Result	Units	PQL	SPK Val	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: SM 9223B Fecal Indicator: E. coli MPN

Sample ID: MB-24706

E. Coli < 1 MBLK CFU/100 1.0

Batch ID: 24706 Analysis Date: 12/1/2010 5:30:00 PM

- Qualifiers:**
- E Estimated value
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - H Holding times for preparation or analysis exceeded
 - NC Non-Chlorinated
 - R RPD outside accepted recovery limits



Hall Environmental Analysis Laboratory, Inc.

Date: 20-Dec-10

CLIENT: Rocking V Water Service
Lab Order: 1012387
Project: Edgewood WWTP
Lab ID: 1012387-01

Client Sample ID: Effluent ✓
 ✓ **Collection Date:** 12/9/2010 10:25:00 AM
Date Received: 12/9/2010
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS Nitrogen, Nkrate (As N)	/ 1.1	0.10		mg/L	1	Analyst: LJB 12/10/2010 3:21:09 PM
SM 9223B FECAL INDICATOR: E. COLI MPN E. Coli	/120.1	1.0		CFU/100ml	1	Analyst: MAW 12/10/2010 5:30:00 PM
SM 4500 NORG C: TKN Nitrogen, Kjeldahl, Total	/ 4.2	1.0		mg/L	1	Analyst: TAF 12/13/2010 3:26:00 PM

Qualifiers:

* Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 NC Non-Chlorinated
 PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



Inorganic non-metals

Client: Hall Environmental Analysis Laboratory Description: 1012387-01A/Effluent Date Sampled: 12/09/2010 1025 Date Received: 12/10/2010	Laboratory ID: LL10007-001 Matrix: Aqueous
---	---

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(BOD, 5 day) SM 5210B	1		N/A	12/10/2010 1610	6078

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
BOD, 5 day		SM 5210B	16	6	2.0	mg/L	1

Footnote(s): 6-D.O. depletion < 2.00 mg/L

PQL = Practical quantitation limit	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL	J = Estimated result < PQL and ≥ MDL	P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"	N = Recovery is out of criteria	H = Out of holding time



Inorganic non-metals

Client: **Hall Environmental Analysis Laboratory**

Laboratory ID: **LL10007-002**

Description: **1012387-02A/Influent**

Matrix: **Aqueous**

Date Sampled: **12/09/2010 1025**

Date Received: **12/10/2010**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(BOD, 5 day) SM 5210B	1		N/A	12/10/2010 1610	6078

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
BOD, 5 day		SM 5210B	750	✓	2.0	mg/L	1

PQL = Practical quantitation limit

ND = Not detected at or above the PQL

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank

J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

H = Out of holding time

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rocking V Water Service

Client Sample ID: Effluent ✓

Lab Order: 1012714

✓ **Collection Date:** 12/20/2010 10:30:00 AM

Facility: Edgewood WWTP

WSS ID:

Matrix: AQUEOUS

Lab ID: 1012714-01A

Location:

Compliance Safe:

Date Received: 12/20/2010

Prep Date: 12/20/2010 4:00:00 PM

	Analyses	Result	Qual	RL	MCL	Units	Dil Fac
SDWIS Code	SM 9223B FECAL INDICATOR: E. COLI MPN	Date Analyzed: 12/21/2010 7:30:00 PM		Analyst: JB			
3014	E. Coli	✓ 36.5		1		CFU/100ml	1

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Inorganic non-metals

Client: Hall Environmental Analysis Laboratory Description: 1012714-01B/Effluent ✓ Date Sampled: 12/20/2010 1030 ✓ Date Received: 12/21/2010	Laboratory ID: LL21025-001 Matrix: Aqueous
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Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(BOD, 5 day) SM 5210B	1		SNM	12/22/2010 0803	6097

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
BOD, 5 day		SM 5210B	2.5		2.0	mg/L	1

PQL = Practical quantitation limit

ND = Not detected at or above the PQL

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank

J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

H = Out of holding time

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Inorganic non-metals

Client: Hall Environmental Analysis Laboratory Description: 1012714-02A/Influent Date Sampled: 12/20/2010 1030 Date Received: 12/21/2010	Laboratory ID: LL21025-002 Matrix: Aqueous
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Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(BOD, 5 day) SM 5210B	1		SNM	12/22/2010 0803	6097

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
BOD, 5 day		SM 5210B	360		2.0	mg/L	1

PQL = Practical quantitation limit	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL	J = Estimated result < PQL and ≥ MDL	P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"		N = Recovery is out of criteria
		H = Out of holding time



