

Meter reads - Edgewood WWTP DP- 1654

October	Utility wate	Truck p	Lagoon	Effleunt	Perm meter	Infleunt	meter
1	462	0	17305	17767	13364970	14063	11344553
2	430	0	17023	17453	13382423	15926	11360479
3	27	0	18147	18174	13400597	16363	11376842
4	566	0	16695	17261	13417858	13716	11390558
5	36	0	18659	18695	13436553	15176	11405734
6	373	0	19424	19797	13456350	16743	11422477
7	538	0	16294	16832	13473182	16120	11438597
8	231	0	19099	19330	13492512	15544	11454141
9	513	0	15223	15736	13508248	13946	11468087
10	156	0	20035	20191	13528439	17561	11485648
11	2258	0	16421	18679	13547118	17778	11503426
12	491	0	18864	19355	13566473	18134	11521560
13	633	0	18422	19055	13585528	17603	11539163
14	398	0	16495	16893	13602421	16774	11555937
15	151	0	17978	18129	13620550	17256	11573193
16	680	0	17254	17934	13638484	16939	11590132
17	144	0	17064	18050	13656534	17898	11608030
18	553	0	15026	15578	13672113	15565	11623595
19	618	0	18886	19504	13691617	18007	11641602
20	266	0	16493	16759	13708376	18531	11660133
21	1403	0	11467	12870	13721246	17149	11677282
22	495	0	18018	18513	13739759	19400	11696682
23	1193	0	16888	18081	13757840	16203	11712885
24	88	0	15931	16019	13773859	17588	11730473
25	1045	0	14415	15460	13789319	14422	11744895
26	580	0	15830	16410	13805729	19520	11764415
27	1708	0	25330	27038	13832767	20899	11785314
28	587	0	19708	20295	13853062	16748	11802130
29	14	0	17474	17488	13870550	15987	11818117
30	566	0	19254	19820	13890370	16840	11834957
31	40	0	22017	22057	13912427	19316	11854273
Totals	17243		547139	565223		523715	
D. Aver	556.22		17649.6	18233		16894	



Meter reads - Edgewood WWTP DP- 1654

November	Utility water	Truck p	Lagoon	Effleunt	Perm meter	Infleunt	meter	
1	388	0	16216	16604	13929031	14573	11868846	
2	23	0	23535	23558	13952589	22967	11891813	
3	80	0	18855	18935	13971524	16205	11908018	
4	552	0	16297	16849	13988373	16321	11924339	
5	29	0	18940	18969	14007342	17500	11941839	
6	525	0	17040	17565	14024907	15231	11957110	
7	421	0	18712	19133	14044040	18104	11975214	
8	489	0	16647	17136	14061176	14514	11989728	
9	26	0	19319	19345	14080521	17948	12007676	
10	142	0	23386	23528	14104049	19024	12026700	
11	326	0	20724	21050	14125099	19603	12046303	
12	140	0	17224	17364	14142463	16582	12062885	
13	Did not get reads this day installed the new plates							
14	33	0	39394	39431	14181894	35781	12098666	
15	731	0	17819	18550	14200444	17115	12115781	
16	18	0	18488	18506	14218950	17197	12132978	
17	453	0	17929	18382	14237332	17816	12150794	
18	613	0	19862	20475	14257807	18817	12169611	
19	21	0	19121	19141	14276948	16748	12186359	
20	411	0	18904	19315	14296263	17892	12204251	
21	22	0	22590	22612	14318875	22182	12226433	
22	428	0	20020	20448	14339323	17579	12244012	
23	42	0	14656	14698	14354021	14236	12258248	
24	241	0	18655	18896	14372917	17314	12275562	
25	24	0	21612	21636	14394553	20146	12295708	
26	323	0	14869	15192	14409745	13037	12308745	
27	329	0	18085	18414	14428159	17304	12326049	
28	22	0	18021	18043	14446202	16295	12342344	
29	511	0	18550	19061	14465263	17146	12359490	
30	40	0	16856	16896	14482159	15226	12374716	
Total	7403		562326	569732		520403		
D. Aver	246.76		18744.2	18991		17346.76		



Meter reads - Edgewood WWTP DP- 1654

	Utility water	Truck	Lagoon	Effleunt	Perm meter	Infleunt	meter
<i>Dec?</i>							
1	559	0	16342	16901	14499060	15690	12390406
2	438	0	15256	15694	14514754	13494	12403900
3	38	0	16724	16762	14531516	15675	12419575
4	506	0	14837	15343	14546859	13758	12433333
5	65	0	16969	17034	14563893	16386	12449719
6	637	0	15891	16528	14580421	12698	12462417
7	23	0	16954	16977	14597418	16869	12479286
8	268	0	18097	18365	14615783	15675	12494961
9	218	0	19077	19295	14635078	15848	12510809
10	301	0	16049	16350	14651428	14720	12525529
11	729	0	16496	17225	14668653	12273	12537802
12	426	0	17542	17968	14686621	14945	12552747
13	1097	0	17184	18281	14704902	13012	12565759
14	38	0	17639	17677	14722579	17006	12582765
15	478	0	14419	14897	14737476	12365	12595130
16	417	0	15058	15475	14752951	14659	12609789
17	171	0	16173	16344	14769295	14931	12624720
18	351	0	17007	17358	14786653	14819	12639539
19	28	0	15618	15646	14802299	14269	12653808
20	2382	0	15472	17854	14820153	16366	12670174
21	216	0	20271	20487	14840640	18534	12688708
22	159	0	18885	19044	14859684	17123	12705831
23	34	0	22944	22978	14882662	22265	12728096
24	535	0	14544	15079	14897741	13011	12741107
25	23	0	13795	13818	14911559	12769	12753876
26	216	0	6805	7021	14918580	5684	12759560
27	413	0	16935	17348	14935928	15791	12775351
28	99	0	19080	19179	14955107	18071	12793422
29	993	0	17660	18653	14973760	17158	12810580
30	7	0	20458	20465	14994225	18764	12829344
31	319	0	17281	17600	15011825	15789	12845133
Total	12184		517462	529646		470417	
D. Aver.	393		16692.3	17085.3		15174.7	
QT Total	36830		1626927	1664601		1514535	
QT Aver	400.3		17684	18093.5		16462.3	

2012 Total

6570874

5676465



Solids removal - Edgewood WWTP DP - 1654

2012

January	9312	February	13275
March	12112	April	12398
May	8115	June	20460
July	8839	August	11083
September	4718	October	1003
November	0	December	1058

This is gallons that have went to Belt Press

- 1st quarter- 34699 gallons
- 2nd quarter- 40973 gallons
- 3rd quarter- 24640 gallons
- 4th Quarter- 2061 gallons



Turbidity reads- Edgewood WWTP
 DP-1654

	October	November	December
1	0.6	0.4	0.2
2	0.6	0.4	0.2
3	0.6	0.4	0.2
4	0.6	0.5	0.2
5	0.5	0.5	0.2
6	0.5	0.5	0.2
7	0.5	0.5	0.2
8	0.5	0.5	0.2
9	0.5	0.5	0.2
10	0.3	0.4	0.2
11	0.4	0.4	0.2
12	0.3	0.4	0.2
13	0.3	0.2	0.2
14	0.3	0.2	0.2
15	0.3	0.2	0.2
16	0.4	0.2	0.2
17	0.4	0.2	0.2
18	0.4	0.2	0.2
19	0.4	0.2	0.2
20	0.4	0.2	0.2
21	0.4	0.2	0.2
22	0.4	0.2	0.2
23	0.5	0.2	0.2
24	0.5	0.2	0.2
25	0.5	0.2	0.2
26	0.5	0.2	0.2
27	0.5	0.2	0.2
28	0.5	0.2	0.2
29	0.5	0.2	0.2
30	0.4	0.2	0.2
31	0.4		0.2
Average	✓	✓	



Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1209196

Date Reported: 9/17/2012

CLIENT: Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1209196-002

Client Sample ID: Influent

Collection Date: 9/6/2012 9:40:00 AM

Received Date: 9/6/2012 1:20:00 PM

Matrix: AQUEOUS

Analyses

SM5210B: BOD

Biochemical Oxygen Demand

Result	RL	Qual	Units	DF	Date Analyzed
--------	----	------	-------	----	---------------

310

2.0

mg/L

1

Analyst: JAL
9/12/2012 5:55:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit



Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 120920040
Project Name: 1209570

Analytical Results Report

Sample Number 120920040-001 **Sampling Date** 9/13/2012 **Date/Time Received** 9/20/2012 12:00 PM
Client Sample ID 1209570-001F / COOLER FULL **Sampling Time** 1:00 PM
Matrix Water
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	9/25/2012	CRW	EPA 335.4	

Authorized Signature



John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT: CERT0028; NM: ID00013; OR:ID200001-002; WA:C585
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT: Cert0095

Thursday, September 27, 2012

Page 1 of 1



Hall Environmental Analysis Laboratory, Inc.

Analytical Report
 Lab Order 1209A72
 Date Reported: 10/3/2012

CLIENT: Rocking V Water Service

Client Sample ID: Effluent

Project: Edgewood WWTP

Collection Date: 9/24/2012 11:30:00 AM

Lab ID: 1209A72-001

Matrix: AQUEOUS

Received Date: 9/24/2012 3:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SM5210B: BOD						
Biochemical Oxygen Demand	5.3	2.0		mg/L	1	10/1/2012 5:17:00 AM

Analyst: JAL

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level.
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - P Sample pH greater than 2
 - RL Reporting Detection Limit

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



.

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
 Lab Order 1209A72
 Date Reported: 10/3/2012

CLIENT: Rocking V Water Service
Project: Edgewood WWTP
Lab ID: 1209A72-002
Matrix: AQUEOUS
Client Sample ID: influent
Collection Date: 9/24/2012 11:30:00 AM
Received Date: 9/24/2012 3:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SM5210B: BOD						
Biochemical Oxygen Demand	460	2.0		mg/L	1	10/1/2012 5:17:00 AM

Analyst: JAL

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

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



ANALYTICAL RESULTS

Project: 1209570
Pace Project No.: 3077930

Sample: 1209570-001G Cooler Full Lab ID: 3077930001 Collected: 09/13/12 13:00 Received: 09/21/12 09:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	0.206 ± 0.404 (0.739)	pCi/L	10/01/12 15:51	13982-63-3	
Radium-228	EPA 904.0	0.555 ± 0.469 (0.949)	pCi/L	09/28/12 11:52	15262-20-1	

Date: 10/02/2012 04:35 PM

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..





QUALITY CONTROL DATA

Project: 1209570
Pace Project No.: 3077930

QC Batch: RADC/13287
QC Batch Method: EPA 904.0
Associated Lab Samples: 3077930001

Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228

METHOD BLANK: 490886
Associated Lab Samples: 3077930001

Matrix: Water

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Radium-228	0.0829 ± 0.363 (0.838)	pCi/L	09/28/12 11:51	

Date: 10/02/2012 04:35 PM

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..



Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210764

Date Reported: 10/22/2012

CLIENT: Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1210764-001

Client Sample ID: Effluent

Collection Date: 10/16/2012 9:50:00 AM

Received Date: 10/16/2012 11:15:00 AM

Matrix: AQUEOUS

Analyses

SM5210B: BOD

Biochemical Oxygen Demand

Result	RL	Qual	Units	DF	Date Analyzed
--------	----	------	-------	----	---------------

ND	2.0		mg/L	1	Analyst: JAL 10/22/2012 4:51:00 AM
----	-----	--	------	---	---------------------------------------

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

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



Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210764

Date Reported: 10/22/2012

CLIENT: Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1210764-002

Client Sample ID: Influent

Collection Date: 10/16/2012 9:50:00 AM

Received Date: 10/16/2012 11:15:00 AM

Matrix: AQUEOUS

Analyses

SM5210B: BOD

Biochemical Oxygen Demand

Result	RL	Qual	Units	DF	Date Analyzed
--------	----	------	-------	----	---------------

300

2.0

mg/L

1

Analyst: JAL
10/22/2012 4:51:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

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



Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210B04

Date Reported: 10/31/2012

CLIENT: Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1210B04-001

Client Sample ID: Effluent

Collection Date: 10/24/2012 11:00:00 AM

Received Date: 10/24/2012 1:30:00 PM

Matrix: AQUEOUS

Analyses

SM5210B: BOD

Biochemical Oxygen Demand

Result	RL	Qual	Units	DF	Date Analyzed
--------	----	------	-------	----	---------------

3.6

2.0

mg/L

1

10/30/2012 5:19:00 AM

Analyst: JAL

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level.
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - P Sample pH greater than 2
 - RL Reporting Detection Limit

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



Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210B04

Date Reported: 10/31/2012

CLIENT: Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1210B04-002

Client Sample ID: Influent

Collection Date: 10/24/2012 11:00:00 AM

Received Date: 10/24/2012 1:30:00 PM

Matrix: AQUEOUS

Analyses

SM5210B: BOD

Biochemical Oxygen Demand

Result	RL	Qual	Units	DF	Date Analyzed
--------	----	------	-------	----	---------------

450

2.0

mg/L

1

Analyst: JAL
10/30/2012 5:19:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

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



Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1211348

Date Reported: 11/20/2012

CLIENT: Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1211348-001

Client Sample ID: Effluent

Collection Date: 11/8/2012 8:00:00 AM

Received Date: 11/8/2012 10:45:00 AM

Matrix: AQUEOUS

Analyses

	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						
Chloride	/ 400	25		mg/L	50	Analyst: JRR 11/13/2012 10:57:44 AM
Nitrogen, Nitrate (As N)	/ 4.6	2.0		mg/L	20	11/9/2012 11:13:04 AM
SM5210B: BOD						
Biochemical Oxygen Demand	/ 22	2.0		mg/L	1	Analyst: JAL 11/14/2012 6:07:00 AM
SM 4500 NORG C: TKN						
Nitrogen, Kjeldahl, Total	/ 2.9	1.0		mg/L	1	Analyst: TAF 11/14/2012 5:38:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

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





12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859
Tax I.D. 62-0814289
Est. 1970

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

REPORT OF ANALYSIS

December 24, 2012

Date Received : December 18, 2012
Description :
Sample ID : 1212710-002A INFLUENT
Collected By :
Collection Date : 12/17/12 10:00

ESC Sample # : L611660-02
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
BOD	530.	5.00	mg/l	SM5210B	12/23/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit (PQL)
Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.
Reported: 12/24/12 13:33 Printed: 12/24/12 13:33



Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1211348

Date Reported: 11/20/2012

CLIENT: Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1211348-002

Client Sample ID: Influent

Collection Date: 11/8/2012 8:00:00 AM

Received Date: 11/8/2012 10:45:00 AM

Matrix: AQUEOUS

Analyses

SM5210B: BOD

Biochemical Oxygen Demand

Result	RL	Qual	Units	DF	Date Analyzed
--------	----	------	-------	----	---------------

370	2.0		mg/L	1	Analyst: JAL 11/14/2012 6:07:00 AM
-----	-----	--	------	---	---------------------------------------

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

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



Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1211766

Date Reported: 11/28/2012

CLIENT: Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1211766-001

Client Sample ID: Effluent

Collection Date: 11/19/2012 7:00:00 AM

Received Date: 11/19/2012 12:04:00 PM

Matrix: AQUEOUS

Analyses

SM5210B: BOD

Biochemical Oxygen Demand

Result	RL	Qual	Units	DF	Date Analyzed
--------	----	------	-------	----	---------------

56

2.0

mg/L

1

11/26/2012 4:41:00 AM

Analyst: JAL

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

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



Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1211766

Date Reported: 11/28/2012

CLIENT: Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1211766-002

Client Sample ID: Influent

Collection Date: 11/19/2012 7:00:00 AM

Received Date: 11/19/2012 12:04:00 PM

Matrix: AQUEOUS

Analyses

SM5210B: BOD

Biochemical Oxygen Demand

Result	RL	Qual	Units	DF	Date Analyzed
--------	----	------	-------	----	---------------

/ 470	2.0		mg/L	1	11/28/2012 4:41:00 AM
-------	-----	--	------	---	-----------------------

Analyst: JAL

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

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



Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1212090

Date Reported: 12/10/2012

CLIENT: Rocking V Water Service

Client Sample ID: Effluent

Project: Edgewood WWTP

Collection Date: 12/4/2012 9:00:00 AM

Lab ID: 1212090-001

Matrix: AQUEOUS

Received Date: 12/4/2012 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SM5210B: BOD						
Biochemical Oxygen Demand	22	2.0		mg/L	1	12/10/2012 4:10:00 AM

Analyst: JAL

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

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



Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 1212090
Date Reported: 12/10/2012

CLIENT: Rocking V Water Service

Client Sample ID: Influent

Project: Edgewood WWTP

Collection Date: 12/4/2012 9:00:00 AM

Lab ID: 1212090-002

Matrix: AQUEOUS

Received Date: 12/4/2012 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SM5210B: BOD						Analyst: JAL
Biochemical Oxygen Demand	/ 470	2.0		mg/L	1	12/10/2012 4:10:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

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





12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

December 24, 2012

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

Date Received : December 18, 2012 /
Description :
Sample ID : 1212710-001A EFFLUENT
Collected By :
Collection Date : 12/17/12 10:00

ESC Sample # : L611660-01
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
BOD	10.0	5.00	mg/l	SM5210B	12/23/12	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 12/24/12 13:33 Printed: 12/24/12 13:33







Meter reads - Edgewood WWTP DP- 1654

	Utility water	Truck	Lagoon	Effluent	Perm meter	Influent	meter
July							
1	641	0	17800	18441	11607980	15998	9779454
2	22	0	17369	17391	11625371	16155	9795609
3	881	0	17326	18207	11643578	15584	9811193
4	7206	0	14926	22132	11665710	17094	9828287
5	252	0	18608	18860	11684570	15050	9843337
6	318	0	18199	18523	11703093	18115	9861452
7	2780	0	18582	21362	11724455	16709	9878161
8	638	0	18300	18938	11743393	17462	9895623
9	862	0	18244	19106	11762499	16275	9911898
10	3139	0	15994	19133	11781632	18000	9929898
11	18	0	18396	18414	11800046	15165	9945063
12	2498	0	18120	20618	11820664	18302	9963365
13	255	0	17852	18107	11838771	15279	9978644
14	3696	0	5429	9125	11847896	20986	9999630
15	479	0	22014	22493	11870389	18808	10018438
16	78	0	21986	22064	11892453	17589	10036027
17	550	0	17840	18390	11910843	17692	10053719
18	401	0	19563	23357	11934200	19940	10073659
19	490	0	18983	19473	11953595	17936	10091595
20	26	0	24151	24177	11977850	21185	10112780
21	488	0	20521	21009	11998859	17251	10130031
22	452	0	19076	19528	12018387	20458	10150489
23	377	0	23041	23418	12041805	19095	10169584
24	536	0	20131	20667	12062472	18024	10187608
25	70	0	21408	21478	12083950	19428	10207036
26	1419	0	18937	20356	12104306	17306	10224342
27	1804	0	19222	21026	12125332	18389	10242736
28	2981	0	17674	20655	12145987	17515	10260251
29	647	0	17254	17901	12163888	14366	10274617
30	241	0	19957	20198	12184086	17366	10291983
31	372	0	16064	16436	12200522	16239	10308222
Totals	34617		572967	610983		544761	
D. Aver	1116.6		18483	19709		17573	





Meter reads - Edgewood WWTP DP- 1654

	Utility water	Truck	Lagoon	Effeunt	Perm meter	Infleunt	meter
Sept							
1	2708	0	19498	22206	12823149	19484	10857014
2	95	0	21875	21970	12845119	21905	10878919
3	189	0	19950	20139	12865258	18247	10897166
4	640	0	18420	19060	12884318	15975	10913141
5	103	0	20129	20232	12904550	16803	10929944
6	693	0	16567	17260	12921810	17011	10946955
7	2695	0	19712	22407	12944217	18762	10965717
8	2894	0	18989	21883	12966100	16445	10982162
9	668	0	17896	18564	12984664	16673	10998835
10	2630	0	17567	20197	13004861	18197	11017032
11	526	0	17003	17529	13022390	14855	11031887
12	104	0	5619	5723	13028113	15122	11047009
13	877	0	18375	19252	13047365	16941	11063950
14	79	0	18098	18177	13065542	16906	11080856
15	2007	0	12022	14029	13079571	15569	11096425
16	808	0	15018	15826	13095397	15400	11111825
17	334	0	19735	20069	13115466	15900	11127725
18	340	0	14153	14493	13129959	14368	11142093
19	211	0	18001	18212	13148171	16560	11158653
20	485	0	16541	17026	13165197	13678	11172331
21	289	0	20191	20480	13185677	17152	11189483
22	59	0	17179	17238	13202915	15962	11205445
23	722	0	15718	16440	13219355	16423	11221868
24	121	0	20650	20771	13240126	17998	11239866
25	565	0	18281	18846	13258972	14024	11253890
26	310	0	18659	18969	13277941	16300	11270190
27	566	0	16547	17113	13295054	12703	11282893
28	100	0	17041	17141	13312195	14951	11297844
29	384	0	18251	18635	13330830	17809	11315653
30	482	0	15891	16373	13347203	14837	11330490
Total	22684		523576	546260		492960	
D. Aver.	756		17453	18209		16432	
QT Total	89416		1664394	1757664		1566285	
QT Aver	972		18091.2	19105		17025	



Solids removal - Edgewood WWTP DP - 1654

2012

January	9312	February	13275
March	12112	April	12398
May	8115	June	20460
July	8839	August	11083
September	4718	October	
November		December	

This is gallons that have went to Belt Press

**1st quarter- 34699 gallons
2nd quarter- 40973 gallons
3rd quarter- 24640 gallons**



Turbidity reads- Edgewood WWTP
 DP-1654

	July	August	September
1	0.6	0.4	0.4
2	0.6	0.4	0.4
3	0.6	0.4	0.5
4	0.6	0.5	0.5
5	0.5	0.5	0.4
6	0.5	0.5	0.6
7	0.5	0.5	0.5
8	0.5	0.5	0.5
9	0.5	0.5	0.5
10	0.3	0.4	0.5
11	0.4	0.4	0.5
12	0.3	0.4	0.5
13	0.3	0.4	0.5
14	0.3	0.4	0.6
15	0.3	0.4	0.6
16	0.4	0.4	0.6
17	0.4	0.4	0.6
18	0.4	0.4	0.6
19	0.4	0.4	0.7
20	0.4	0.4	0.7
21	0.4	0.4	0.6
22	0.4	0.4	0.7
23	0.5	0.4	0.7
24	0.5	0.4	0.7
25	0.5	0.3	0.7
26	0.5	0.3	0.6
27	0.5	0.3	0.6
28	0.5	0.4	0.6
29	0.5	0.5	0.7
30	0.4	0.4	0.7
31	0.4	0.4	✓
Average	✓	✓	

