

PO Box 370
 Edgewood, NM 87015
 (505) 281-3294 ext. 2104

Edgewood Wastewater Treatment Facility
 Discharge Permit #1654

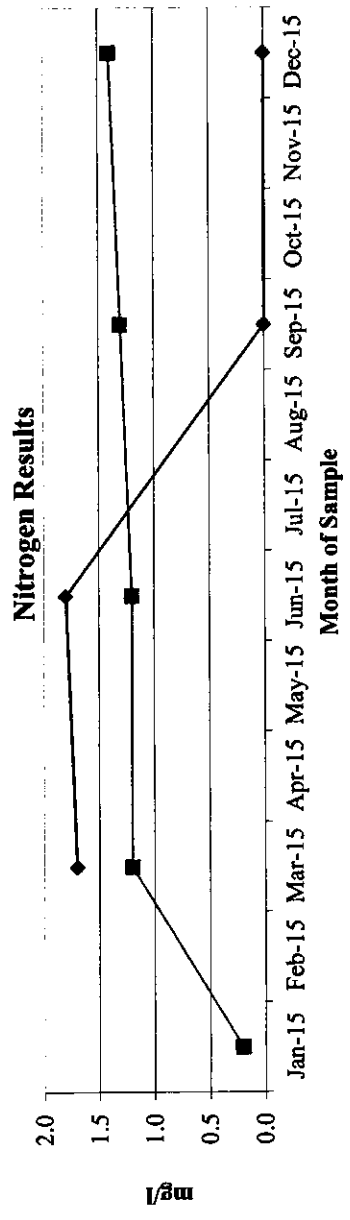
2015



Date	MBR Discharge					Comments
	TKN	NO3	BOD5 Ave./Max.	NTU Ave./Max.	Fecal Mean/Max.	
Jan-15		0.2	<2.0	1.4/8.1	<1	18-64
Feb-15			<2.0	0.4/1.0	<1	19-74
Mar-15	1.7	1.2	<2.0	0.4/1.2	<1	TDS 1620 mg/L, 580 mg/L Chlorides, replaced membranes, removed basin sludges
Apr-15			<2.0	0.4/1.0	<1	TDS 1290 mg/L
May-15			2.6	0.4/0.9	<1	TDS 1350 mg/L, 350 mg/L Chlorides
Jun-15	1.8	1.2	<2.0	0.4/0.7	<1	UV IS OUT-OF-SERVICE
Jul-15			<2.0	0.7/1.4	<1	TDS 1040 mg/L, 240 mg/L Chlorides
Aug-15			<1.6	1.3/3.1	<1	
Sep-15	ND	1.3	<2.0	1.0/4.0	<1	
Oct-15			<2.0	0.8/1.8	<1	
Nov-15			<2.0	0.6/1.1	<1	
Dec-15	ND	1.4	<2.0	0.9/4.6	<1	TDS 424 mg/L, 43 mg/L Chlorides

2.15 mg/L TN average discharged in 2015

Discharge limit: <10 mg/L TN, 5 cfu/100 mg/L Fecal 30 Day Mean (23 cfu/100 mg/L max), 10 mg/L BOD 30 Day Ave (15 mg/L max), 3 NTU 30 Day Ave (5 NTU max), 20.6.2.3013 NMAC sample group annually



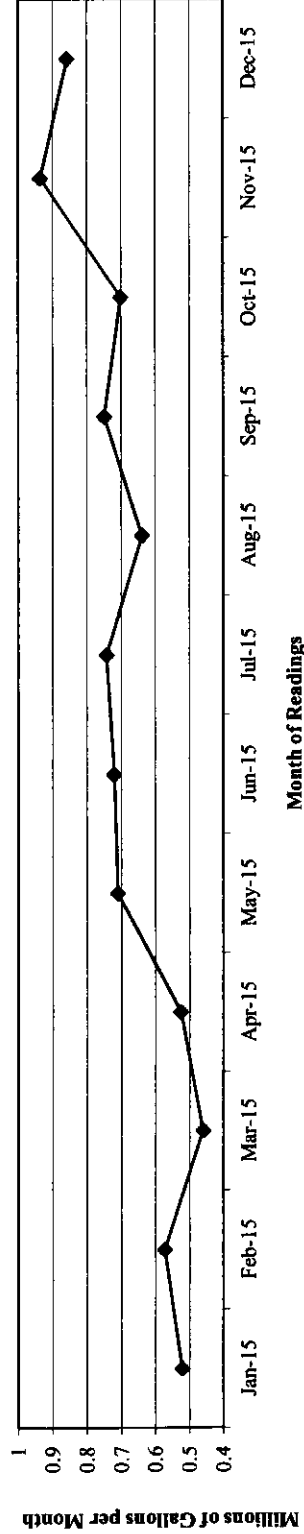
Certified Operators:
 Cynthia Arnold
 Mike Butler



Edgewood Wastewater Treatment Plant DP# 1654
2015 Monthly Flow Data Report

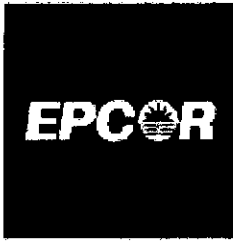
Date	Influent Wastewater Meter Reading	Total Inlet Q Received & Treated/mo	Average GPD per month	Peak Daily Q per month	Treated Effluent Q to Lagoon Gal/Mo.*	Treated Effluent Q Re-used Gal/Mo.	Sludge Wasting In Gallons	Comments
1/9/2015	25820411	520888	17363	21779	-105396	**4000	15015	water recirc to keep UV cooled installed
2/10/2015	26393010	572599	19087	22787	-70816	**68000	4504	massive facility cleaning
3/10/2015	26852866	459856	15329	18765	476892	**140000	1003	replaced membranes, removed basin sludges
4/14/2015	27377959	525093	17503	19964	-1236	**172000	0	frequent chemical cleaning necessary
5/14/2015	28088290	710331	23678	26537	78960		16000	Denny's opened business
6/12/2015	28809176	720886	24030	28105	206659	237188	23497	using different meter for re-use 1/2 month
7/15/2015	2952015	742839	24761	41051	319688	488695	39007	using different meter for re-use
8/15/2015	30190312	638297	21277	30706	338844	977592	32994	
9/10/2015	30939799	749487	24983	28802	474378	1376867	37066	
10/9/2015	31640913	701114	23370	31729	549971	**276000+2429231	37931	
11/13/2015	32576659	935746	31192	43549	888562	1765981	22998	
12/10/2015	33434636	857977	28599	34577	775639	499131	19999	

Edgewood Inlet Flow



* To calculate the flow to the Lagoon for reuse: Permeate meter difference minus (Utility meter difference minus UV Recirculation meter difference). Due to the occasional negative results, we are investigating the accuracy of the Utility meter.

**This quantity is estimated based on the number of Town truck loads and assuming the trucks are to capacity.



38 Cactus Road
Edgewood, NM
87015
www.epcor.com

P 505 281-3294
F 505 281-0219

to: Alan Garrido @ NMED
Cc: Town of Edgewood, Dennis Engineering

re: DP #1654: Sample Results & Flow Data for
Edgewood WWTF

fax #: Alan Garrido
NMED – Groundwater
(505) 827-2965

Town of Edgewood – Town Administrator
286-4519

Dennis Engineering
281-3640

date: February 2, 2016

pages: 3 including this cover sheet

Broadcast Report

P 1
 02/02/2016 15:51
 Serial No. A5C1011026620
 TC: 13835

Addressee	Start Time	Time	Prints	Result	Note
15058272965	02-02 15:48	00:00:39	003/003	OK	
2864519	02-02 15:49	00:00:43	003/003	OK	
2813640	02-02 15:50	00:00:51	003/003	OK	

Note TMR:Timer TX, PDL:Polling, ORG:Original Size Setting, FME:Frame Erase TX, PPS:Page Separation TX, MIX:MixeD Original TX, CALL:Manual TX, CSAC:CSAC, FWD:Forward, PC:PC-FAX, BND:Double-Sided Binding Direction, SO:Special Original, FCODE:IF-code, RTW:Rc-Tx, RLV:Relay, MBX:Confidential, BUL:Bulletin, SIP:SIP Fax, IPADR:IP Address Fax, I-FAX:Internet Fax

Result OK: Communication OK, S-OK: Stop Communication, PW-OFF: Power Switch OFF, TEL: RX from TEL, NG: Other Error, CONT: Continue, No Ans: No Answer, Refuse: Receipt Refused, Busy: Busy, M-Full:Memory Full, LOR:Receiving length Over, PDUR:Receiving page Over, FIL:File Error, DC:Decode Error, MDN:MDN Response Error, DSN:DSN Response Error, PRINT:Compulsory Memory Document Print, DEL:Compulsory Memory Document Delete, SEND:Compulsory Memory Document Send.



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2015

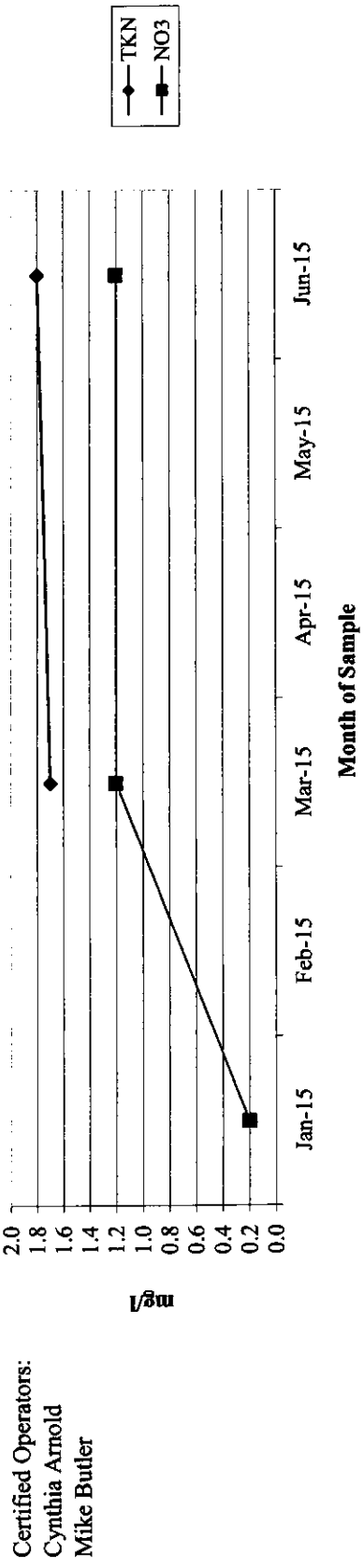
**Edgewood Wastewater Treatment Facility
Discharge Permit #1654**

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(505) 281-3294 ext. 2104

Date	MBR Discharge					Comments
	TKN	NO3	BOD5 Ave./Max.	NTU Ave./Max.	Fecal Mean/Max.	
Oct-14	ND					
Nov-14						sample taken by Rocking V (previous management)
Dec-14	0.57		8.2	1.6/5.0	<1	
Jan-15	0.2		<2.0	1.4/8.1	<1	
Feb-15			<2.0	0.4/1.0	<1	EPCOR Water has taken over operations and maintenance of facility
Mar-15	1.7	1.2	<2.0	0.4/1.2	<1	TDS 1620 mg/L, 580 mg/L Chlorides, replaced membranes, removed basin sludges
Apr-15			<2.0	<1	<1	
May-15			2.6	<1	<1	TDS 1290 mg/L
Jun-15	1.8	1.2	<2.0	<1	<1	TDS 1350 mg/L, 350 mg/L Chlorides

1.48 mg/L TN average discharged 2015

Discharge limit: <10 mg/L TN, 5 cfu/100 mg/L Fecal 30 Day Mean (23 cfu/100 mg/L max), 10 mg/L BOD 30 Day Ave (15 mg/L max), 3 NTU 30 Day Ave (5 NTU max), 20.6.2.3013 NMAC sample group annually



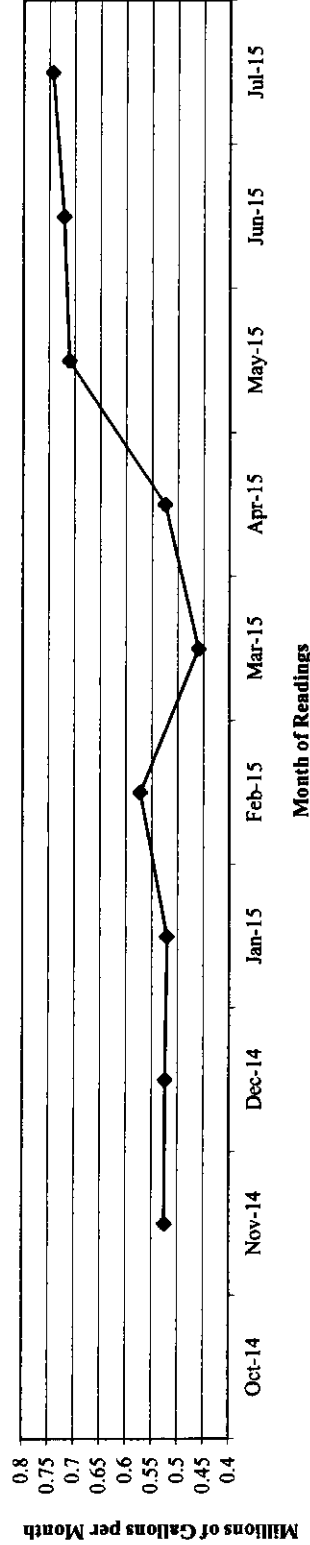
2015



Edgewood Wastewater Treatment Plant DP# 1654
2015 Monthly Flow Data Report

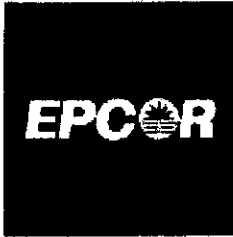
Date	Influent Wastewater Meter Reading	Total Inlet Q Received & Treated/mo	Average GPD per month	Peak Daily Q per month	Treated Effluent Q to Lagoon GAL/Mth*	Treated Effluent Q Re-used GAL/Mo.	Sludge Wasting In Gallons	Comments
10/10/2014	24250751							
11/10/2014	24775358	524607	17487		578266	**88000		
12/10/2014	25299523	524165	17472		462703	**88000	7029	EPCOR has officially taken over operations
1/9/2015	25820411	520888	17363	21779	-105396	**4000	15015	water recirc to keep UV cooled installed
2/10/2015	26393010	572599	19087	22787	-70816	**68000	4504	massive facility cleaning
3/10/2015	26852866	459856	15329	18765	476892	**140000	1003	replaced membranes, removed basin sludges
4/14/2015	27377959	525093	17503	19964	-1236	**172000	0	frequent chemical cleaning necessary
5/14/2015	28088290	710331	23678	26537	78960		16000	
6/12/2015	28809176	720886	24030	28105	206659		23497	using different meter for re-use 1/2 month
7/15/2015	29552015	742839	24761	41051	319688		39007	using different meter for re-use

Edgewood Inlet Flow



* To calculate the flow to the Lagoon for reuse: Permeate meter difference minus (Utility meter difference minus UV Recirculation meter difference). Due to the occasional negative results, we are investigating the accuracy of the Utility meter.

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Town of Edgewood – Town Administrator
286-4519

Dennis Engineering
281-3640

date: July 30, 2015

pages: 3 including this cover sheet

Broadcast Report

P 1
 07/30/2015 15:31
 Serial No. ASC1011026620
 TC: 5655

Addressee	Start Time	Time	Prints	Result	Note
15058272965	07-30 15:26	00:02:07	003/003	OK	
2864519	07-30 15:29	00:00:47	003/003	OK	
2813640	07-30 15:30	00:00:49	003/003	OK	

Note TMR:Timer TX, POL:Polling, ORG:Original Size Setting, FME:Frame Erase TX,
 WPS:Page Separation TX, MIX:Mixed Original TX, CALL:Manual TX, CSAC:CSAC,
 FWD:Forward, PCIDP:Fax, BND:Double-Sided Binding Direction, SP:Special Original,
 FCODE:F-code, RTX:Re-TX, RLV:Relay, MEX:Confidential, BUL:Bulletin, SIP:SIP Fax,
 IPADR:IP Address Fax, I-FAX:Internet Fax

Result OK: Communication OK, S-OK: Stop Communication, PW-OFF: Power Switch OFF,
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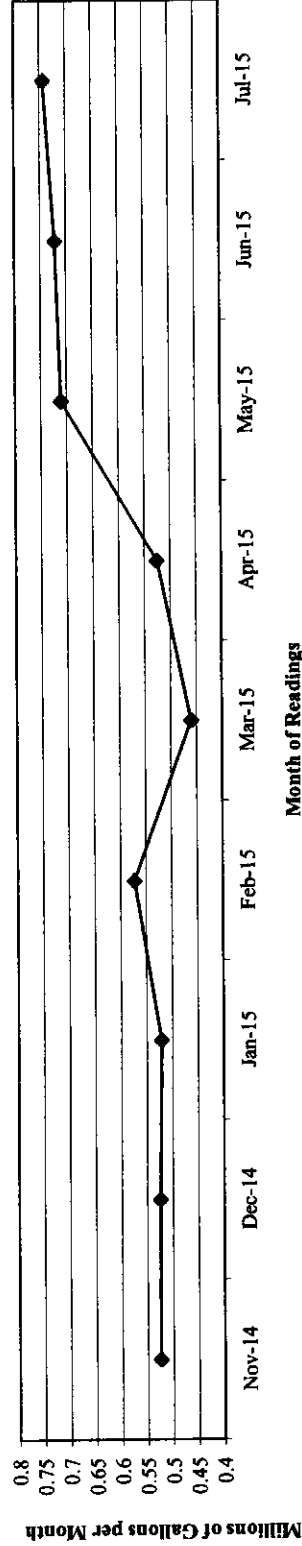
2015



Edgewood Wastewater Treatment Plant DP# 1654
2015 Monthly Flow Data Report

Date	Influent Wastewater Meter Reading	Total Inlet Q Received & Treated/mo	Average GPD per month	Peak Daily Q per month	Treated Effluent Q to Lagoon Gal/Mo	Treated Effluent Q Re-used Gal/Mo	Sludge Wasting in Gallons	Comments
11/10/2014	24775358	524607	17487		578266	**88000		
12/10/2014	25299523	524165	17472		462703	**88000	7029	EPCOR has officially taken over operations
1/9/2015	25820411	520888	17363	21779	-105396	**4000	15015	water recirc to keep UV cooled installed
2/10/2015	26393010	572599	19087	22787	-70816	**68000	4504	massive facility cleaning
3/10/2015	26852866	459856	15329	18765	476892	**140000	1003	replaced membranes, removed basin sludges
4/14/2015	27377959	525093	17503	19964	-1236	**172000	0	frequent chemical cleaning necessary
5/14/2015	28088290	710331	23678	26537	78960		16000	
6/12/2015	28809176	720886	24030	28105	206659	237188	23497	using different meter for re-use 1/2 month
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9/10/2015	30939799	749487	24983	28802	474378	1376867	37066	
10/9/2015	31640913	701114	23370	31729	549971	**276000+2429231	37931	

Edgewood Inlet Flow



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Due to the occasional negative results, we are investigating the accuracy of the Utility meter.

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2015

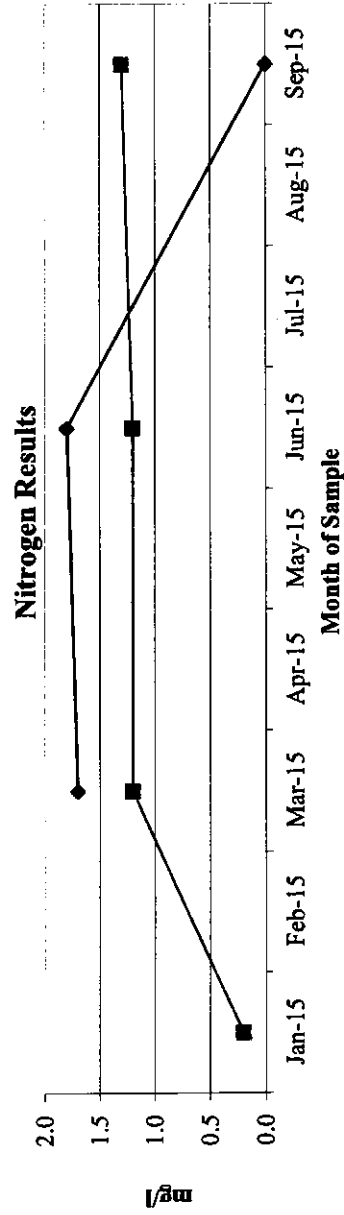
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Discharge Permit #1654

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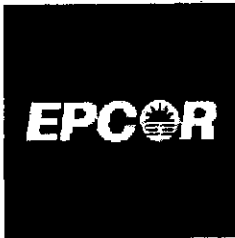
Date	MBR Discharge					Comments
	TKN	NO3	BOD5 Ave./Max.	NTU Ave./Max.	Fecal Mean/Max.	
Oct-14	ND					
Nov-14						sample taken by Rocking V (previous management)
Dec-14		0.57	8.2	1.6/5.0	<1	15-87
Jan-15		0.2	<2.0	1.4/8.1	<1	18-64
Feb-15			<2.0	0.4/1.0	<1	19-74
Mar-15	1.7	1.2	<2.0	0.4/1.2	<1	16-78
Apr-15			<2.0	0.4/1.0	<1	21-56
May-15			2.6	0.4/0.9	<1	4-51
Jun-15	1.8	1.2	<2.0	0.4/0.7	<1	1-79
Jul-15			<2.0	0.7/1.4	<1	1-88
Aug-15			<16	1.3/3.1	<1	1-48
Sep-15	ND	1.3	<2.0	1.0/4.0	<1	

1.44 mg/L TN average discharged in 2015

Discharge limit: <10 mg/L TN, 5 cfu/100 mg/L Fecal 30 Day Mean (23 cfu/100 mg/L max), 10 mg/L BOD 30 Day Ave (15 mg/L max), 3 NTU 30 Day Ave (5 NTU max), 20.6.2.3013 NMAC sample group annually



Certified Operators:
Cynthia Arnold
Mike Butler



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to: Alan Garrido @ NMED
Cc: Town of Edgewood, Dennis Engineering

re: DP #1654: Sample Results & Flow Data for
Edgewood WWTF

fax #: Alan Garrido
NMED – Groundwater
(505) 827-2965

Town of Edgewood – Town Administrator
286-4519

Dennis Engineering
281-3640

date: November 17, 2015

pages: 3 including this cover sheet

Arnold, Cynthia

From: Gwinn, Martina
Sent: Wednesday, July 01, 2015 8:35 AM
To: Arnold, Cynthia
Cc: Navarro, Arturo; Eccleston, Jeffrey
Subject: town readings

Cynthia the Town had 111 loads and a read of 25881.00

Artie the reading for the town meter is 60113.00

Martina Gwinn
Customer Care Specialist
38 Cactus or PO Box 370
Edgewood, NM 87015
505-281-3294 ext 2111

14 loads in May
111 loads in June

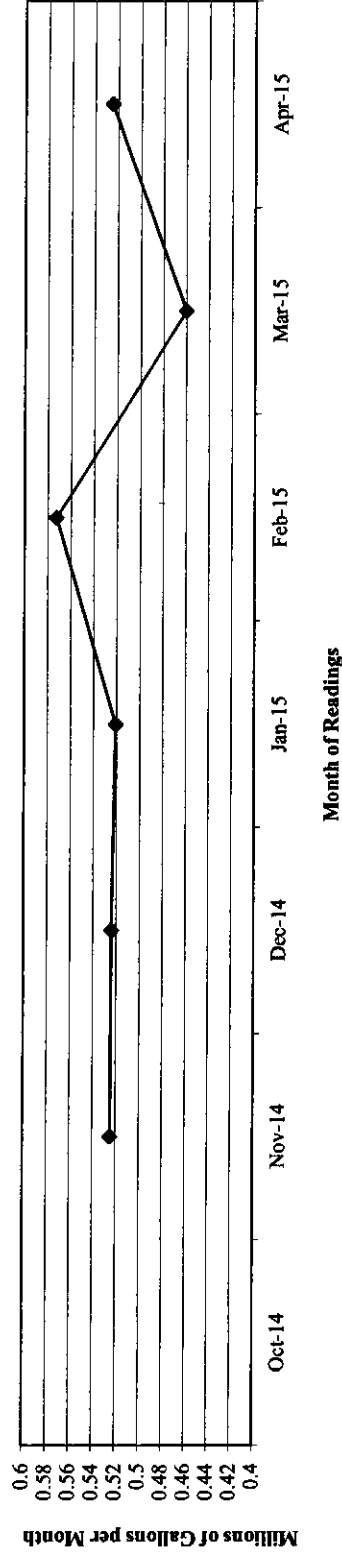
2015



**Edgewood Wastewater Treatment Plant DP# 1654
2014 Monthly Flow Data Report**

Date	Influent Wastewater Meter Reading	Total Inlet Q Received & Treated/mo	Average GPD per month	Peak Daily Q per month	Treated Effluent Q to Lagoon GAL/Mo.**	Treated Effluent Q to Reuse GAL/Mo.**	Sludge-Wasting in Gallons	Comments
10/10/2014	24250751							
11/10/2014	24775358	524607	17487		578266	88000		
12/10/2014	25299523	524165	17472		350647	88000	7029	EPCOR has officially taken over operations
1/9/2015	25820411	520888	17363	21779	-265632	4000	15015	water recirc to keep UV cooled installed
2/10/2015	26393010	572599	19087	22787	-205368	68000	4504	massive facility cleaning
3/10/2015	26852866	459856	15329	18765	471710	140000	1003	replaced membranes, removed basin sludges
4/10/2015	27377959	525093	17503	19964	-136846	172000	0	frequent chemical cleaning necessary

Edgewood Inlet Flow



* To calculate the flow to the Lagoon for reuse: Permeate meter difference minus Utility meter difference minus UV Recirculation meter difference. Due to the occasional negative results, we are investigating the accuracy of the Utility meter.

**This quantity is estimated based on the number of Town truck loads and assuming the trucks are to capacity

Arnold, Cynthia

From: Butler, Michael
Sent: Friday, May 08, 2015 9:08 AM
To: Arnold, Cynthia
Subject: Fwd: DP-1654 Monitoring reports

Sent from my Verizon Wireless 4G LTE smartphone

----- Original message -----

From: "Garrido, Alan, NMENV" <Alan.Garrido@state.nm.us>
Date: 05/08/2015 8:21 AM (GMT-07:00)
To: "Butler, Michael" <mbutler@epcor.com>
Subject: DP-1654 Monitoring reports

Hello Mike,

I have received your monitoring reports and I would like to thank you for submitting them. After I reviewed them, I noticed that some additional information needs to be submitted to fulfill DP-1654 requirements:

- Condition 25: "The permittee shall measure the totalized, daily average and peak volume of wastewater discharged to the treatment facility each month... The totalized, daily average and peak discharge volumes for each month shall be submitted to NMED in the quarterly monitoring reports." Influent wastewater meter readings were submitted but daily average and peak discharge volumes per month need to be estimated.
- Condition 26: "A summary of the log entries and the calculated monthly discharge volumes to reuse applications and the storage pond(s) shall be submitted to NMED in the quarterly monitoring reports." A total effluent treated was provided but is it the same volume discharged to the lagoon? Could you please provide narrative describing what that total effluent treated is?
- Analytical laboratory results were not submitted.

Please let me know if you have any questions or concerns.

Thank you,

ALAN E. GARRIDO - *Geoscientist-O*
GROUND WATER QUALITY BUREAU
Pollution Prevention Section
Harold Runnels Bldg. Office N2350
1190 St. Francis Dr. Santa Fe, NM, 87502
Tel: 505 827 2713

Water loads

NOV 2014	22 loads
DEC 2014	22 Loads
JAN 2015	1 Load
Feb 2015	17 Loads
March 2015	35 loads
April 2015	43 Loads

Santa Fe County
also get soon there
Station
478 ↓ Irbie Ra

Sewer
4000 gal per load

Dewayne - 259-2109



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to: Alan Garrido @ NMED

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fax #: Alan Garrido
NMED – Groundwater
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date: May 1, 2015

pages: 3 including this cover sheet



2015

Edgewood Wastewater Treatment Facility
Discharge Permit #1654

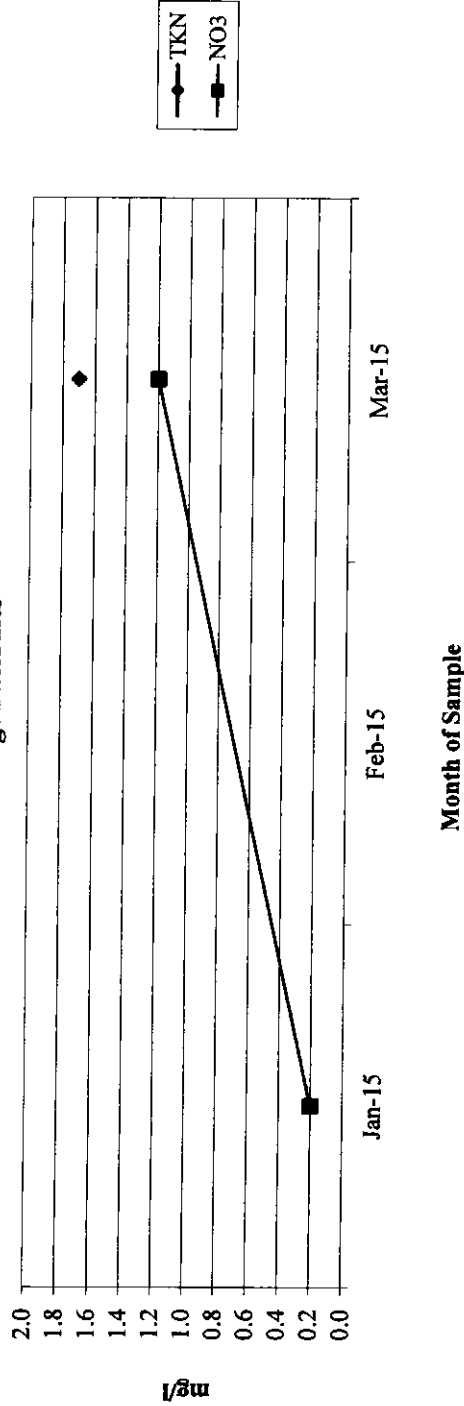
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Jan-15		0.2	<2.0	1.4/8.1	<1	18-64
Feb-15			<2.0	0.4/1.0	<1	19-74
Mar-15	1.7	1.2	<2.0	0.4/1.2	<1	16-78

1.03 mg/L TN average discharged 2015

Discharge limit: <10 mg/L TN, 5 cfu/100 mg/L Fecal 30 Day Mean (23 cfu/100 mg/L max), 10 mg/L BOD 30 Day Ave (15 mg/L max), 3 NTU 30 Day Ave (5 NTU max), 20.6.2.3013 NMAC sample group annually

Nitrogen Results



Certified Operators:
Cynthia Arnold
Mike Butler

Edgewood Wastewater Treatment Plant DP# 1654
2014 Monthly Flow Data Report



Date	Influent Wastewater Meter Reading	Total Effluent Treated/mo	Average GPD per month	Permeate - Utility Meter Gal./Mo.	Discharged to Lagoon over Month	Sludge Washing in Gallons	Comments
10/10/2014	24250751						
11/10/2014	24775358	524607	17487	578226			
12/10/2014	25299523	524165	17472	406675		7029	EPCOR has officially taken over operations
1/9/2015	25820411	520888	17363			15015	water recirc to keep UV cooled installed
2/10/2015	26393010	572599	19087			4504	
3/10/2015	26852866	459856	15329			1003	replaced membranes, removed basin sludges
4/10/2015	27377959	525093	17503			0	

Edgewood Flow Comparison

