



38 Cactus Road  
Edgewood, NM  
87015  
[www.epcor.com](http://www.epcor.com)

P 505 281-3294  
F 505 281-0219

**to:** Kellie Jones @ NMED  
Cc: Town of Edgewood, Dennis Engineering

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

**fax #:** **Kellie Jones**  
NMED – Groundwater  
(505) 827-2965

Town of Edgewood – Town Administrator  
286-4519

Dennis Engineering  
281-3640

**date:** January 13, 2017

**pages:** 3 including this cover sheet



2016

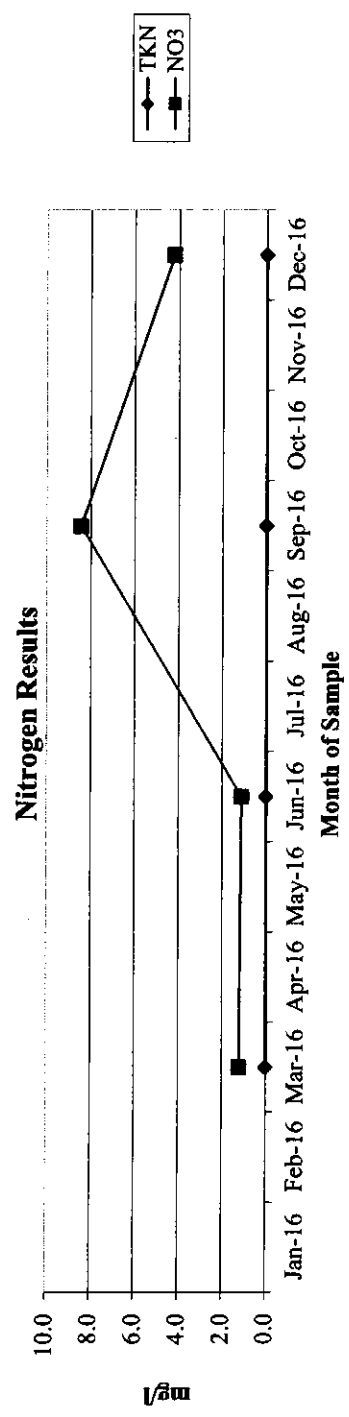
**Edgewood Wastewater Treatment Facility  
Discharge Permit #1654**

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

Date	MBR Discharge					Comments
	TKN	NO3	BOD5 Ave./Max.	NTU Ave./Max.	E. Coli Mean/Max.	
Jan-16			<2.0	0.9/5.0	<1	
Feb-16			<2.0	0.9/5.0	<1	
Mar-16	ND	1.2	<2.0	0.7/1.4	<1	TDS 791 mg/L, 220 mg/L Chlorides
Apr-16			<2.0	1.2/5.0	<1	
May-16			<2.0	1.1/5.0	<1	
Jun-16	ND	1.1	<2.0	3.7/31.1	<1	TDS 1050 mg/L, 260 mg/L Chlorides
Jul-16			<2.0	1.3/5.0	<1	
Aug-16			<2.0	1.3/3.2	<1	
Sep-16	ND	8.4	<2.0	1.6/3.4	<1	TDS 599 mg/L, 49 mg/L Chlorides
Oct-16			<2.0	4.4/8.1	<1	
Nov-16			<2.0	5.6/29.6	<1	
Dec-16	ND	4.2	<2.0	5.2/13.4	<1	TDS 626 mg/L, 150 mg/L Chlorides

**3.7 mg/L TN** running annual average discharged

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

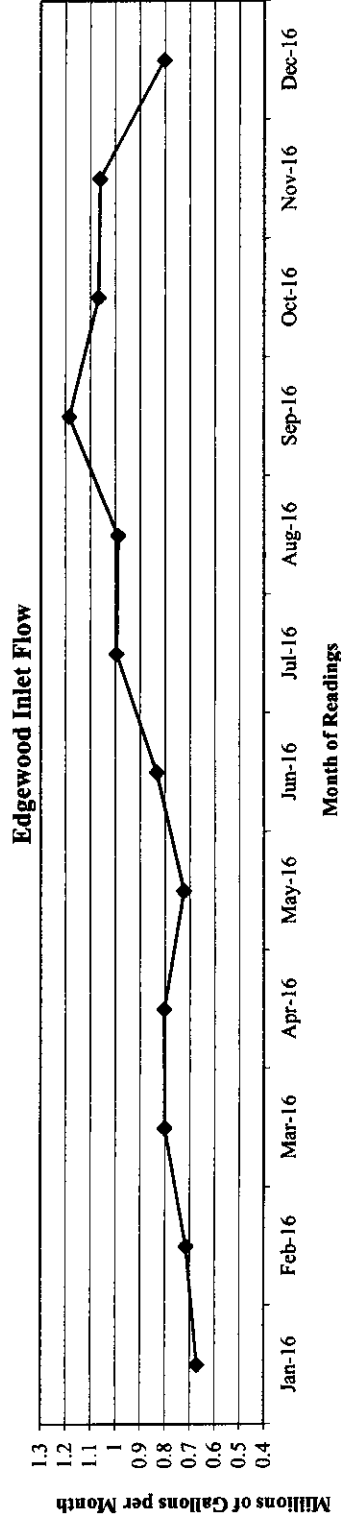


2016



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

Date	Influent Wastewater Meter Reading	Total Inlet Gal. Received & Treated/mo	Average GPD per month	Peak Daily GPD per month	Treated Effluent Q to Lagoon Gal./Mo.*	Treated Effluent Q Re-used <sup>^</sup> Gal./Mo.	Sludge Wasting in Gallons	Comments
1/4/2016	34106161	671525	22384	31598	705712	1767577	28003	
2/3/2016	34821411	715250	23842	30902	750674	1241452	17999	pond discharge irrigation system installed
3/4/2016	35623063	801652	26722	39620	844939	968685	32044	
4/4/2016	36426140	803077	26769	38710	834354	1357789	17014	
5/4/2016	37149690	723550	24118	34678	749707	477552	19338	
6/3/2016	37983177	833487	27783	33438	867723	558982	6735	sludge pump probs., removed 7K gal from MBR
7/5/2016	38978120	994943	33165	41893	1029342	596995	6735	
8/4/2016	39967332	989212	32974	39234	1044578	3345510	14572	
9/6/2016	41151438	1184106	39470	45871	1226606	14233449	45245	
10/4/2016	42217963	1066525	35551	60145	909484	9182217	9992	repairs made to sludge press system
11/4/2016	43277911	1059948	35332	42021	1142272	7373301	10500	
12/5/2016	44080472	802561	26752	39402	866104	207567	7000	



\* To calculate the flow to the Lagoon for reuse: Permeate meter difference minus (Utility meter difference minus UV Recirculation meter difference).  
<sup>^</sup> Quantity based on "Re-Use" meter readings located on discharge of evaporation pond

Broadcast Report

P 1  
 01/13/2017 10:36  
 Serial No. ASC1011026620  
 TC: 31127

Addressee	Start Time	Time	Prints	Result	Note
15058272965	01-13 10:32	00:00:38	003/003	OK	
2864519	01-13 10:33	00:00:40	003/003	OK	
2813640	01-13 10:34	00:01:20	003/003	OK	

**Note** TMR:Timer TX, POL:Polling, ORG:Original Size Setting, FME:Frame Erase TX, DPS:Page Separation TX, MIX:Mix Original TX, CALL:Manual TX, CSAC:CSAC, FWD:Forward, PC:PC-FAX, BND:Double-Sided Binding Direction, SP:Special Original, FCODE:F-code, RTX:RTX-TX, RLY: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, TEL: RX FROM TEL, NG: Other Error, CONT: Continue, No Ans: No Answer, Refuse: Receipt Refused, Busy: Busy, M-Full:Memory Full, LOVR:Receiving length Over, POWR: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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Town of Edgewood - Town Administrator  
 286-4519

Dennis Engineering  
 281-3640

**date:** January 13, 2017

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*Kellie Jones*  
**to:** ~~Alan Garrido~~ @ NMED  
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Edgewood WWTF

**fax #:** ~~Alan Garrido~~ *Kellie Jones*  
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286-4519

Dennis Engineering  
281-3640

**date:** October 28, 2016

**pages:** 3 including this cover sheet

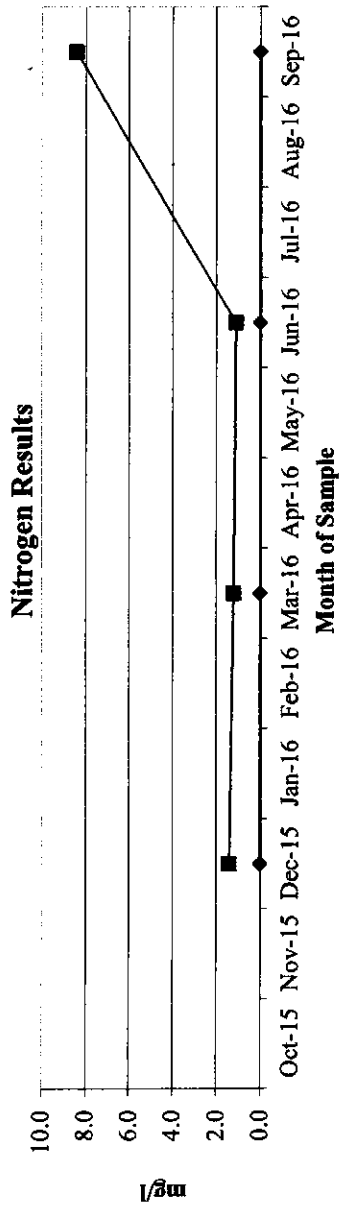
**Edgewood Wastewater Treatment Facility  
Discharge Permit #1654**

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

Date	MBR Discharge					Comments
	TKN	NO3	BOD5 Ave./Max.	NTU Ave./Max.	E. Coli Mean/Max.	
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
Jan-16			<2.0	0.9/5.0	<1	
Feb-16			<2.0	0.9/5.0	<1	
Mar-16	ND	1.2	<2.0	0.7/1.4	<1	TDS 791 mg/L, 220 mg/L Chlorides
Apr-16			<2.0	1.2/5.0	<1	
May-16			<2.0	1.1/5.0	<1	
Jun-16	ND	1.1	<2.0	3.7/31.08	<1	TDS 1050 mg/L, 260 mg/L Chlorides
Jul-16			<2.0	<1	<1	
Aug-16			<2.0	<1	<1	
Sep-16	ND	8.4	<2.0	<1	<1	TDS 599 mg/L, 49 mg/L Chlorides

3.0 mg/L TN running annual average discharged

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



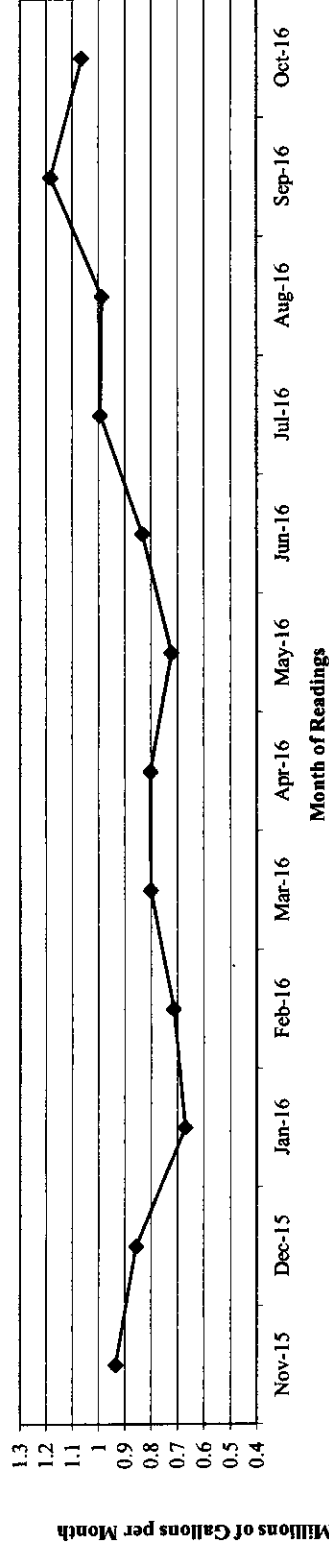
2016



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

Date	Influent Wastewater Meter Reading	Total Inlet Gal. Received & Treated/mo	Average GPD per month	Peak Daily GPD per month	Treated Effluent Q to Lagoon Gal./Mo.*	Treated Effluent Q Re-used <sup>^</sup> Gal./Mo.	Sludge Wasting in Gallons	Comments
11/13/2015	32576659	935746	31192	43549	888562	1764446	22998	
12/10/2015	33434636	857977	28599	34577	775639	1026971	19999	
1/4/2016	34106161	671525	22384	31598	705712	1767577	28003	
2/3/2016	34821411	715250	23842	30902	750674	1241452	17999	pond discharge irrigation system installed
3/4/2016	35623063	801652	26722	39620	844939	968685	32044	
4/4/2016	36426140	803077	26769	38710	834354	1357789	17014	
5/4/2016	37149690	723550	24118	34678	749707	477552	19338	
6/3/2016	37983177	833487	27783	33438	867723	558982	6735	sludge pump probs., removed 7K gal from MBR
7/5/2016	38978120	994943	33165	41893	1029342	596995	6735	
8/4/2016	39967332	989212	32974	39234	1044578	3345510	14572	
9/6/2016	41151438	1184106	39470	45871	1226606	14233449	45245	
10/4/2016	42217963	1066525	35551	60145	909484	9182217	9992	repairs made to sludge press system

**Edgewood Inlet Flow**



\* To calculate the flow to the Lagoon for reuse: Permeate meter difference minus (Utility meter difference minus UV Recirculation meter difference).  
<sup>^</sup> Quantity based on "Re-Use" meter readings located on discharge of evaporation pond



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**re:** DP #1654: Sample Results & Flow Data for  
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**fax #:** Alan Garrido  
NMED – Groundwater  
(505) 827-2965

Town of Edgewood – Town Administrator  
286-4519

Dennis Engineering  
281-3640

**date:** July 28, 2016

**pages:** 3 including this cover sheet





2016

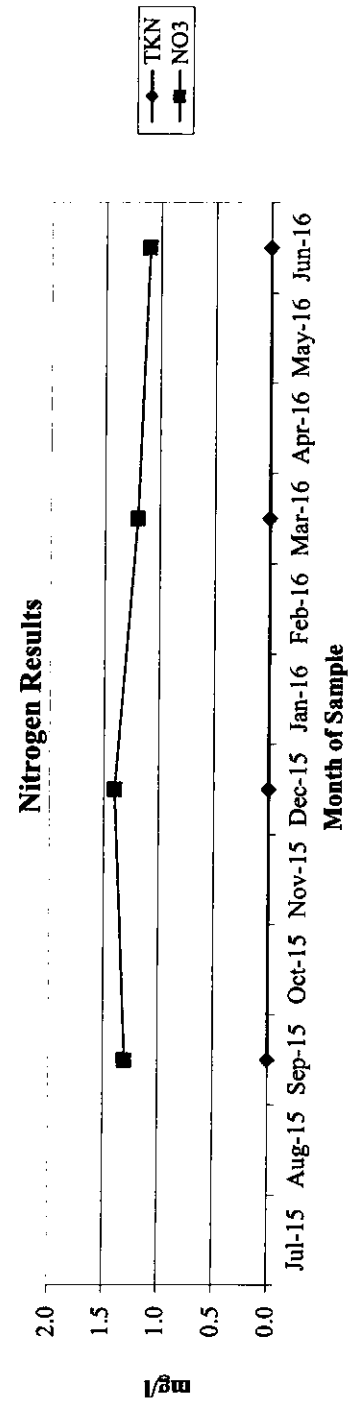
**Edgewood Wastewater Treatment Facility  
Discharge Permit #1654**

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

Date	MBR Discharge						Comments
	TKN	NO3	BOD5 Ave./Max.	NTU Ave./Max.	E. Coli Mean/Max.	% Trans. Range	
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		<b>UV IS OUT-OF-SERVICE</b>
Oct-15			<2.0	0.8/1.8	<1		TDS 1040 mg/L, 240 mg/L Chlorides
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
Jan-16			<2.0	0.9/5.0	<1		
Feb-16			<2.0	0.9/5.0	<1		
Mar-16	ND	1.2	<2.0	0.7/1.4	<1		TDS 791 mg/L, 220 mg/L Chlorides
Apr-16			<2.0	1.2/5.0	<1		
May-16			<2.0	1.1/5.0	<1		
Jun-16	ND	1.1	<2.0	3.7/31.08	<1		TDS 1050 mg/L, 260 mg/L Chlorides

**1.3 mg/L TN running annual average discharged**

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

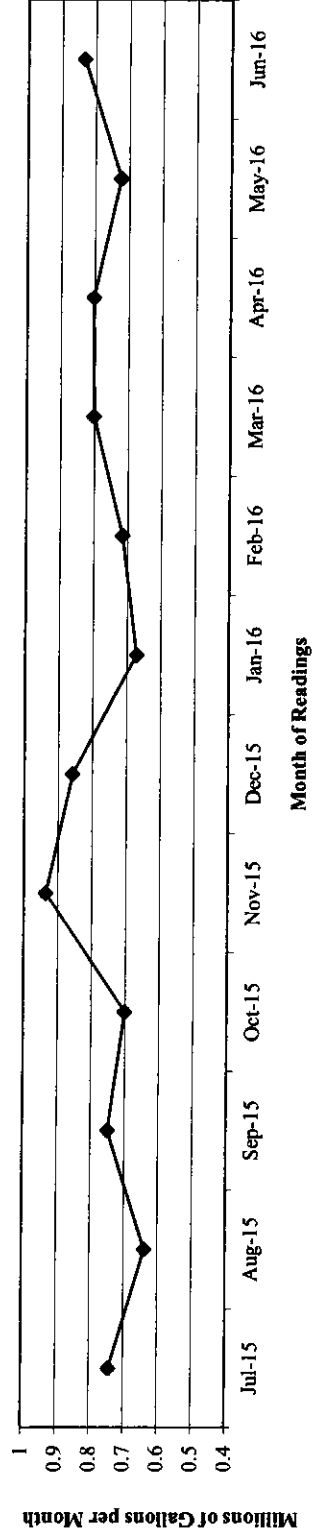




Edgewood Wastewater Treatment Plant DP# 1654  
Monthly Flow Data Report

Date	Influent Wastewater Meter Reading	Total Inlet Gal. Received & Treated/mo	Average GPD per month	Peak Daily GPD per month	Treated Effluent to Lagoon Gal/Mo.*	Treated Effluent Q Re-used^ Gal/Mo.	Sludge Wasting In Gallons	Comments
7/15/2015	29552015	742839	24761	41051	319688	636748	39007	using different meter for re-use
8/15/2015	30190312	638297	21277	30706	338844	639955	32994	
9/10/2015	30939799	749487	24983	28802	474378	1341793	37066	
10/9/2015	31640913	701114	23370	31729	549971	2313616	37931	
11/13/2015	32576659	935746	31192	43549	888562	1764446	22998	
12/10/2015	33434636	857977	28599	34577	775639	1026971	19999	
1/4/2016	34106161	671525	22384	30902	705712	1767577	28003	
2/3/2016	34821411	715250	23842	39620	750674	1241452	17999	pond discharge irrigation system installed
3/4/2016	35623063	801652	26722	38710	844939	968685	32044	
4/4/2016	36426140	803077	26769	34678	834354	1357789	17014	
5/4/2016	37149690	723550	24118	33438	749707	477552	19338	
6/3/2016	37983177	833487	27783	38846	867723	558982	6735	sludge pump probs., removed 7K gal from MBR

Edgewood Inlet Flow



\* To calculate the flow to the Lagoon for reuse: Permeate meter difference minus (Utility meter difference minus UV Recirculation meter difference).  
^ Quantity based on "Re-Use" meter readings located on discharge of evaporation pond

Addressee	Start Time	Time	Prints	Result	Note
15058272965	07-28 14:25	00:02:05	003/003	OK	
2864519	07-28 14:27	00:00:38	003/003	OK	
2813640	07-28 14:28	00:00:48	003/003	OK	

**Note** TMR:Timer TX, POL:Polling, ORG:Original Size Setting, FME:Frame Erase TX,  
 PPS:Page Separation TX, MIX:Mix of Original TX, CALL:Manual TX, CSRC:CSRC,  
 FWD:Forward, PC:PC-FAX, BND:Double-Sided Binding Direction, SP:Special Original,  
 FCODE:F-code, RTX:Re-TX, RLY:Relay, MCI: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, LOVR:Receiving length over,  
 POUV: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.



38 Cactus Road  
Edgewood, NM  
87015  
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P 605 281-3294  
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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:** July 28, 2016

**pages:** 3 including this cover sheet

## **Arnold, Cynthia**

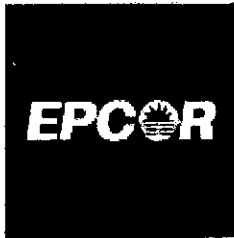
---

**From:** Gwinn, Martina  
**Sent:** Wednesday, June 01, 2016 11:12 AM  
**To:** Butler, Michael; Navarro, Arturo; Maldonado, Manuel  
**Cc:** Arnold, Cynthia  
**Subject:** readings for the Town of Edgewood plus loads and the reading for Enviroworks

Mike, Arturo and Manny. Reading for the Towns meter is 51438.00 and the reading for Enviro works is 1105.00

Cynthia the Town had 82 loads

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



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Town of Edgewood – Town Administrator  
286-4519

Dennis Engineering  
281-3640

**date:** April 18, 2016

**pages:** 3 including this cover sheet

*28 for test results*



2016

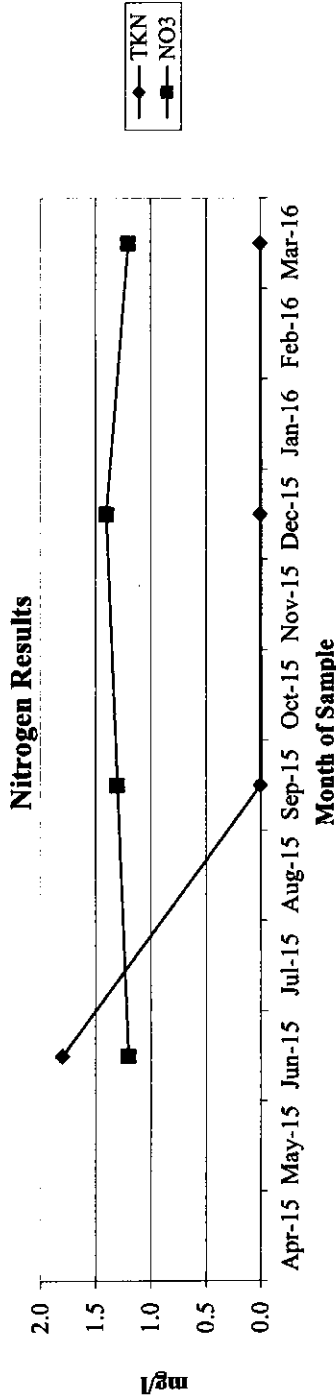
**Edgewood Wastewater Treatment Facility**  
**Discharge Permit #1654**

PO Box 370  
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Date	MBR Discharge						Comments
	TKN	NO3	BOD5 Ave./Max.	NTU Ave./Max.	E.Coli Mean/Max.	UV %Trans. Range	
Apr-15			<2.0	0.4/1.0	<1	21-56	
May-15			2.6	0.4/0.9	<1	4-51	TDS 1290 mg/L
Jun-15	1.8	1.2	<2.0	0.4/0.7	<1	1-79	TDS 1350 mg/L, 350 mg/L Chlorides
Jul-15			<2.0	0.7/1.4	<1	1-88	
Aug-15			<16	1.3/3.1	<1	1-48	<b>UV IS OUT-OF-SERVICE</b>
Sep-15	ND	1.3	<2.0	1.0/4.0	<1		TDS 1040 mg/L, 240 mg/L Chlorides
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
Jan-16			<2.0	0.9/5.0	<1		
Feb-16			<2.0	0.9/5.0	<1		
Mar-16	ND	1.2	<2.0	0.7/1.4	<1		TDS 791 mg/L, 220 mg/L Chlorides

1.7 mg/L TN running annual average discharged

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



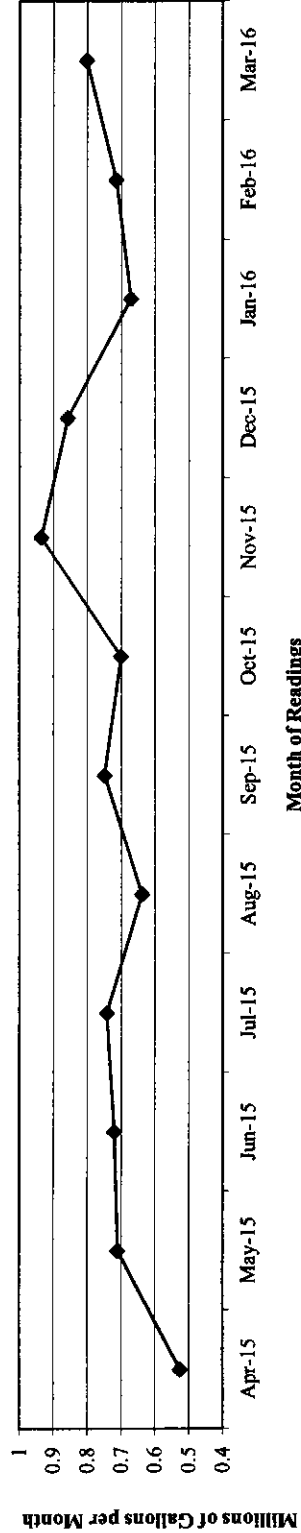
Certified Operators:  
 Cynthia Arnold  
 Mike Butler



Eggedwood Wastewater Treatment Plant DP# 1654  
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
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	29552015	742839	24761	41051	319888	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	
1/4/2016	34106161	671525	22384	30902	705712	127000	28003	
2/3/2016	34821411	715250	23842	39620	750674	217400	17999	pond irrigation system installed
3/4/2016	35623063	801652	26722	38710	844939	385700	32044	

Eggedwood 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.



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Edgewood WWTF

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

**date:** 2/10/16

**pages:** including this cover sheet 40