

VILLAGE OF RUIDOSO/CITY OF RUIDOSO DOWNS RWWTP - JOINT USE BOARD

AGENDA INDEX
RESCHEDULED REGULAR MEETING
JANUARY 8, 2020 AT 3:30 P.M.

VILLAGE HALL
313 CREE MEADOWS DRIVE
RUIDOSO, NM 88345

CALL TO ORDER.

ROLL CALL.

APPROVAL OF AGENDA.

REGULAR ITEMS.

PAGE

- | | |
|--|---|
| 1. Discussion and Possible Action on Minutes:
December 18, 2019 Regular Meeting | 1 |
| 2. Monthly Report on Regional Wastewater Treatment Plant. | 7 |

REPORTS FROM BOARD MEMBERS.

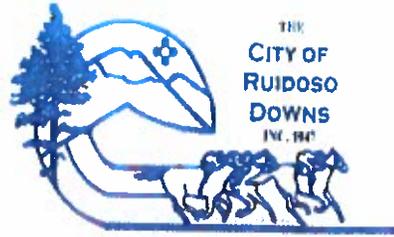
CLOSED SESSION.

- Discussion subject to the attorney-client privilege pertaining to threatened or pending litigation in which the Regional Wastewater Treatment Plant Joint Use Board is or may become a participant. §10-15-1.H.7, NMSA 1978.
 - ▶ Nutrient Effluent Limits in the NPDES Permit for the Wastewater Treatment Plant.

Any action taken as a result of the closed session will be brought back into open session.

ADJOURNMENT.

I certify that notice has been given in compliance with Sections 10-15-1 through 10-15-4 NMSA 1978 and Resolution 2020-01. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing or meeting, please contact the Village Clerk at least one week prior to the meeting or as soon as possible. Public documents, including the agenda and minutes, can be provided in various accessible formats. Please contact the Village Clerk if a summary or other type of accessible format is needed.



AGENDA MEMORANDUM RWWTP – JOINT USE BOARD

To: Joint Use Board Members
Presenter: Bertha De Los Santos, MMC
Deputy Clerk
Meeting Date: January 8, 2020

<input type="checkbox"/>	Consent Item	
<input type="checkbox"/>	Public Hearing	
<input checked="" type="checkbox"/>	Regular Item	7
<input type="checkbox"/>	Board and Commission	
<input type="checkbox"/>	Appointments	
<input type="checkbox"/>	Informational	
<input type="checkbox"/>	Workshop Item	

Re: Approval of Minutes:
December 18, 2019 Regular Meeting Minutes

Item Summary:

Discussion and Possible Action on Approval of December 18, 2019 Regular Meeting Minutes.

Item Discussion:

Discussion and Possible Action on Approval of December 18, 2019 Regular Meeting Minutes.

Recommendations:

To Approve December 18, 2019 Regular Meeting Minutes.

Required Approvals of Agenda Memorandum and Back-Up Documentation:

Bertha De Los Santos, MMC

Deputy Clerk

(Received on: 1/3/20 10:30am)
Date Time

**REGIONAL WASTEWATER TREATMENT PLANT JOINT USE BOARD
REGULAR MEETING
313 CREE MEADOWS DRIVE
RUIDOSO, NM 88345
DECEMBER 18, 2019**

Chairman Lynn D. Crawford, Village of Ruidoso Mayor, called the regular meeting of the Regional Wastewater Treatment Plant Joint Use Board to order at 10:00 a.m. Members John E. Cornelius and Gary Jackson, Village of Ruidoso Councilors; Gary L. Williams, Mayor of the City of Ruidoso Downs; and Joey Jarvis, City of Ruidoso Downs Deputy Public Works Director, were recorded present. Village of Ruidoso employees present were Timothy Dodge, Village Manager; Ronald L. Sena, Deputy Manager; Irma Devine, Village Clerk; Bertha De Los Santos, Deputy Clerk; Karen Gutierrez, Capital Projects Coordinator; Isaac Garcia, RWWTP Director; Giselle "Gigi" Dixon, Administrative Assistant II; Adam Sanchez, Utility Manager; and Ashlie Carabajal, Water Resource Specialist. City of Ruidoso Downs employee present was Carol Virden, Clerk/Administrator. Village of Ruidoso legal counsel present was Zachary J. Cook. City of Ruidoso Downs legal counsel present was H. John Underwood. There were approximately 6 visitors present.

APPROVAL OF AGENDA:

Councilor Jackson moved to approve the agenda as presented. Councilor Cornelius seconded and the motion carried with a roll call vote of all ayes.

REGULAR ITEMS:

Discussion and Possible Action on September 18, 2019 Regular Meeting Minutes.

Councilor Jackson moved to approve September 18, 2019 Regular Meeting Minutes. Mayor Williams seconded and the motion carried with a roll call vote of all ayes.

Discussion and Possible Action on Resolution 2020-01, a Resolution Declaring Reasonable Notice of Public Meetings for the Regional Wastewater Treatment Plant Joint Use Board.

Councilor Cornelius moved to adopt Resolution 2020-01, a Resolution Declaring Reasonable Notice of Public Meetings for the Regional Wastewater Treatment Plan Joint Use Board. Councilor Jackson seconded and the motion carried with a roll call vote of all ayes.

Discussion and Possible Action on First Renewal Agreement with Montgomery & Andrews, P.A. for Legal Services Related to the Regional Wastewater Treatment Plant.

Councilor Jackson moved to approve First Renewal Agreement with Montgomery & Andrews, P.A. for Legal Services Related to the Regional Wastewater Treatment Plant. Joey Jarvis seconded and the motion carried with a roll call vote of all ayes.

Discussion and Possible Action on First Renewal Agreement with Molzen-Corbin & Associates for Professional Engineering Services for Effluent Reuse.

Councilor Jackson moved to approve First Renewal Agreement with Molzen-Corbin &

Associates for Professional Engineering Services for Effluent Reuse. Councilor Cornelius seconded and the motion carried with a roll call vote of all ayes.

Monthly Report on the Regional Wastewater Treatment Plant.

Isaac Garcia reported the following: the treatment plant was running very well; the frigid temperatures at night and the warm temperatures during the day threw the readings off; flows had decreased slightly; there was some influx during the Thanksgiving weekend, but all went well; Ruidoso had not gotten that much snow to create runoff, which could cause difficulties; they were removing 99.5% of everything that came into the facility; and the Fats, Oil, and Grease (FOG) results were the same as usual, but they still wanted to see the Mescalero Tribe's readings below 20.

Councilor Cornelius inquired if limits could be established on the Tribe, along with businesses. Mr. Garcia stated they now had a new employee (Tommy McCarty) who was working with businesses and churches; and they would begin, after the beginning of the year, to work off strategic points in order to improve.

Adam Sanchez stated the following: they verified that the Tribe was pumping out their stations and they were doing it twice a month and after January they would begin doing it once a month; and Ruidoso Septic would send the Village reports.

Mr. Garcia stated the phosphorous requirement was part of the permit and that was being met at the treatment plant, but did not know about each individual business and the legalities in doing so. Joey Jarvis stated the City of Ruidoso Downs had someone who went to businesses and tested for phosphorous, since they had an Ordinance in place.

Quarterly Report on the Regional Wastewater Treatment Plant.

Isaac Garcia reported the following: the treatment plant had not had any exceedances of Total Nitrogen and Total Phosphorus in that quarter; was in compliance with all other TMDLs in the NPDES Permit; between the months of January 2019 to December 2019, 2193.50 cubic yards (58 metric tons) of compost were moved to Bordy Williams field, residents Wx Septic and Gandy Marley; they currently had 192 metric tons of compost at the facility which was well below the 290 metric ton limit; they had cleaned two basins worth of filters in the month of October (64,000 filters) getting the facility ready for the busy winter season flows; would have two more basins in the Spring; had replaced approximately 30% of all high discharge lighting with LED's; the total replacement should be accomplished by the Summer of 2020; had recently ordered another basin's worth of filters placing them at 50% total filter replacement by 2020; those filter replacements were a vital need for the compliance of the NPDES Permit; and most of the filters were lasting approximately 10 years.

Ashlie Carbajal stated the following: as of December 2019, and in accordance with the NPDES Permit, Ruidoso now had 172 confirmed connections from the 200 required as of December 2019; and they were notified that, between VOR and CORD, the requirements had been met.

Joey Jarvis stated the CORD had 88 confirmed connections.

Ratification of Suspension Letter to SAK Construction LLC for the Restoration of

Existing Sewerlines and Manholes Phase of the FEMA 1783-PW155 Sanitary Sewerline Repair & Rehabilitation Project.

Karen Gutierrez stated the VOR and CORD had met to discuss the possibility of suspending the project due to contractual rights, to which they all concurred.

Timothy Dodge stated the following: Sak Construction, LLC was awarded the project back in June; being that the scope of work changed, they were not sure if another Environmental Assessment (EA) was going to be necessary; then there also was a change in FEMA administration and considering how long the EA was in place, it was decided that another one was needed; they did not want to jeopardize any funding, so they decided to suspend the work; and the possibility of the damages moving forward that could have occurred rather than the suspension could have been much greater.

Ms. Gutierrez stated, once they received approval on the EA, then the comment period would begin; therefore, no specific dates could be set.

Adam Sanchez stated he received the final submittal from Molzen-Corbin & Associates this morning and would be reviewing the videos this afternoon.

Councilor Jackson moved to approve Ratification of Suspension Letter to SAK Construction, LLC for the Restoration of Existing Sewerlines and Manholes Phase of the FEMA 1783-PW155 Sanitary Sewerline Repair & Rehabilitation Project. Councilor Cornelius seconded and the motion seconded with a roll call vote of all ayes.

REPORTS FROM BOARD MEMBERS:

There were no Reports from Board Members.

CLOSED SESSION:

Councilor Jackson moved to recess into closed session for:

- Discussion subject to the attorney-client privilege pertaining to threatened or pending litigation in which the Regional Wastewater Treatment Plant Joint Use Board is or may become a participant. §10-15-1.H.7, NMSA 1978.
 - Nutrient Effluent Limits in the NPDES Permit for the Wastewater Treatment Plant.

Any action taken as a result of closed session will be brought back into open session.

Councilor Cornelius seconded and the motion carried with a roll call vote of all ayes.

Chairman Crawford recessed the regular session and convened the closed session at 10:31 a.m.

Present in closed session were members of the Joint Use Board. Others present included Timothy Dodge, Ronald L. Sena, Irma Devine, Bertha De Los Santos, Isaac Garcia, Adam Sanchez, Giselle "Gigi" Dixon, Carol Virden, Zachary J. Cook, and H. John Underwood.

Chairman Crawford recessed the closed session and reconvened the regular session at 11:13 a.m.

Councilor Jackson moved to certify that matters discussed in the closed session were limited

only to those specified in the motion for closure. Councilor Cornelius seconded and the motion carried with a roll call vote of all ayes.

ADJOURNMENT:

There being no further business to come before the Regional Wastewater Treatment Plant Joint Use Board, Chairman Crawford adjourned the regular meeting at 11:15 a.m.

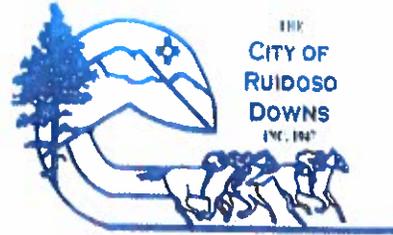
Passed and approved this 8th day of January, 2020.

APPROVED: _____

Lynn D. Crawford, Chairman

ATTEST: _____

Bertha De Los Santos, MMC
Deputy Clerk



AGENDA MEMORANDUM RWWTTP – JOINT USE BOARD

To: Joint Use Board Members
Presenter: Isaac Garcia, RWWTTP Director
Meeting Date: January 8, 2020

<input type="checkbox"/>	Consent Item
<input type="checkbox"/>	Public Hearing
<input checked="" type="checkbox"/>	Regular Item
<input type="checkbox"/>	Board and Commission
<input type="checkbox"/>	Appointments
<input type="checkbox"/>	Informational
<input type="checkbox"/>	Workshop Item

2

Re: Monthly Report on the Regional Wastewater Treatment Plant.

Item Summary:

Monthly Report on the Regional Wastewater Treatment Plant.

Item Discussion:

Report provided by Isaac Garcia for information purposes only.

Recommendations:

N/A.

Required Approvals of Agenda Memorandum and Back-Up Documentation:

Handwritten signature of Bertha De Los Santos in cursive.

Bertha De Los Santos, MMC
Deputy Clerk

(Received on: 1/8/20 10:30am)
Date Time

Manager's Report - RWWTP

Flows - Average: Millions of Gallons per Day

Influent - December Yearly Comparison

2012	1.20
2013	1.42
2014	1.33
2015	1.38
2016	1.31
2017	1.20
2018	1.23
2019	1.30

Influent - December Yearly Comparison



Manager's Report - RWWTP

Flows - Average: Millions of Gallons per Day

Effluent - December Yearly Comparison

2012	1.48
2013	1.54
2014	1.59
2015	1.66
2016	1.33
2017	1.54
2018	1.22
2019	1.49

Effluent - December Yearly Comparison



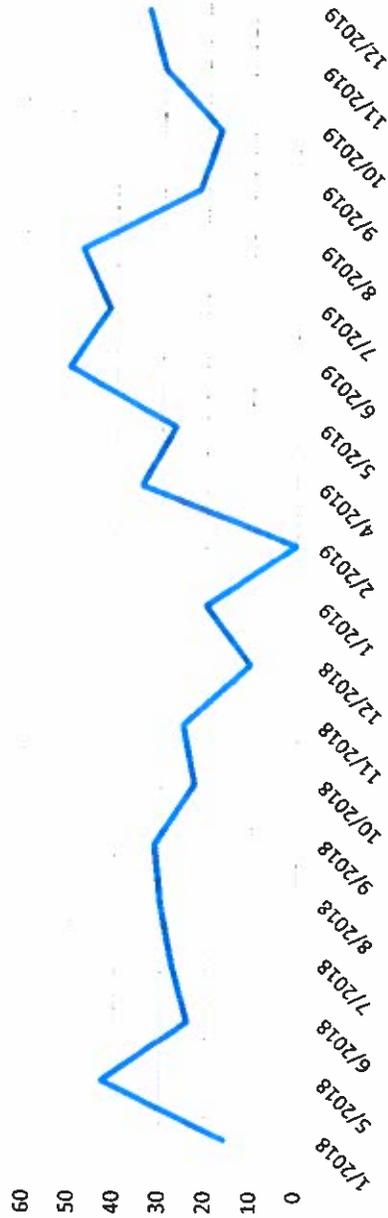
Manager's Report - RWWTP

FOG Results - Palmer Loop

December 2019

Collection Month/Year	Results
1/2018	15.8
5/2018	42.8
6/2018	24.0
7/2018	27.5
8/2018	29.9
9/2018	31.2
10/2018	22.4
11/2018	24.9
12/2018	10.3
1/2019	20.0
2/2019	ND
4/2019	34.2
5/2019	27.0
6/2019	50.5
7/2019	41.6
8/2019	47.6
9/2019	22.0
10/2019	17.3
11/2019	29.7
12/2019	33.4

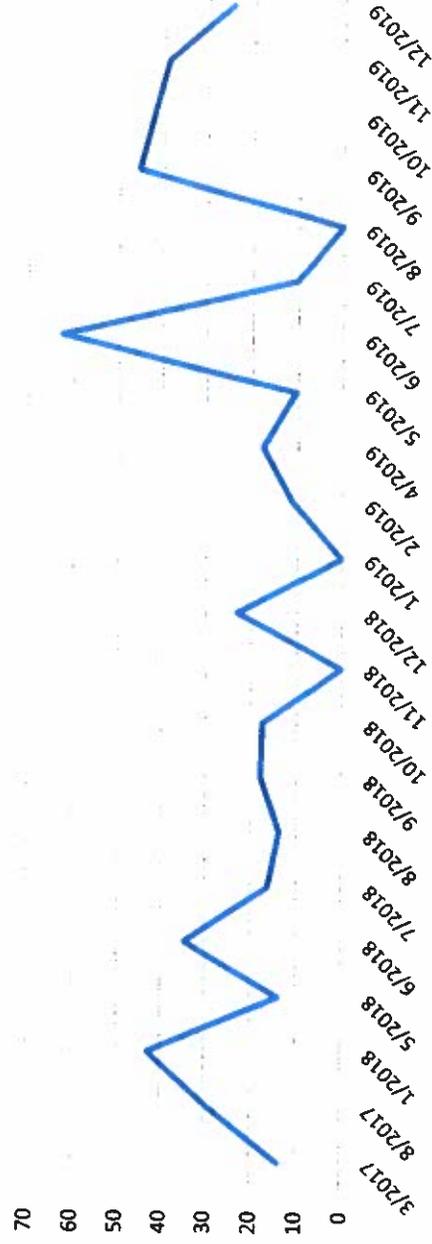
Palmer Loop



Manager's Report - RWWTP
FOG Results - Apache Travel Center
December 2019

Collection Month/Year	Results
3/2017	13.6
8/2017	29.1
1/2018	42.8
5/2018	13.6
6/2018	34.5
7/2018	16.1
8/2018	13.6
9/2018	17.8
10/2018	17.4
11/2018	ND
12/2018	23.0
1/2019	ND
2/2019	10.9
4/2019	17.5
5/2019	10.3
6/2019	62.7
7/2019	10.3
8/2019	0.0
9/2019	45.6
10/2019	42.3
11/2019	38.9
12/2019	24.6

Apache Travel Center



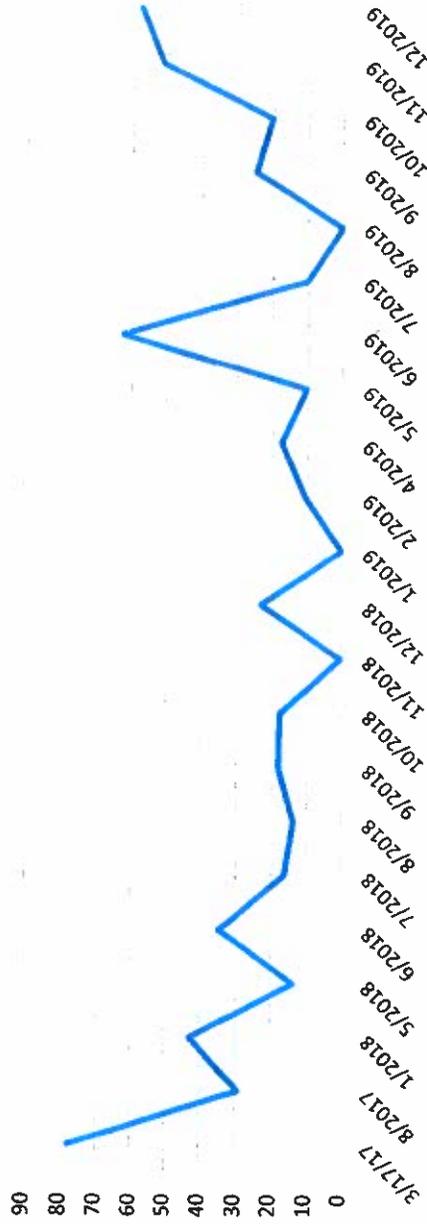
Manager's Report - RWWTP

FOG Results - Inn of The Mountain Gods (IMG)

December 2019

Collection Month/Year	Results
3/17/17	77.8
8/2017	29.1
1/2018	42.8
5/2018	13.6
6/2018	34.5
7/2018	16.1
8/2018	13.6
9/2018	17.8
10/2018	17.4
11/2018	0.0
12/2018	23.0
1/2019	0.0
2/2019	10.9
4/2019	17.5
5/2019	10.3
6/2019	62.7
7/2019	10.3
8/2019	0.0
9/2019	24.9
10/2019	20.3
11/2019	51.1
12/2019	57.6

Inn Of The Mountain Gods



**RUIDOSO - RUIDOSO DOWNS REGIONAL WASTEWATER TREATMENT FACILITY
MONTHLY RECORD FOR INFLUENT AND EFFLUENT**

<u>DATE</u>	<u>DAY</u>	<u>FLOW</u>	<u>TEMP.</u>	<u>pH</u>	<u>EFFLUENT</u>					<u>INF. T.S.S.</u>	<u>INF. BOD5</u>
					<u>D.O.</u>	<u>T.S.S.</u>	<u>BOD5</u>	<u>E. COLI</u>	<u>TRC ug/L</u>		
12/01/19	Sun	1.68	15.5	7.20	6.52					0	
12/02/19	Mon	1.54	15.4	7.14	6.90					0	
12/03/19	Tue	1.59	15.1	7.28	6.66					0	
12/04/19	Wed	1.41	15.0	7.26	6.64					0	
12/05/19	Thu	1.46	15.3	7.30	6.47					1	
12/06/19	Fri	1.44	14.8	7.09	6.90					1	
12/07/19	Sat	1.39	15.2	7.42	6.61					1	
12/08/19	Sun	1.43	15.1	7.92	6.38					0	
12/09/19	Mon	1.44	15.5	7.07	6.59					0	
12/10/19	Tue	1.32	15.4	7.21	6.52			1.0		0	
12/11/19	Wed	1.29	15.3	7.03	6.69	1.40	1.35			0	
12/12/19	Thu	1.23	15.4	7.07	6.59					0	213.4
12/13/19	Fri	1.29	15.5	7.03	6.22					0	208.9
12/14/19	Sat	1.48	15.6	7.02	6.28	1.40	1.35	1.0		0	VSS 190.4
12/15/19	Sun	1.43	14.8	7.33	6.44					0	pH 7.33
12/16/19	Mon	1.43	15.0	6.87	6.92					0	VOL.89.2%
12/17/19	Tue	1.35	14.7	7.01	6.84					0	TEMP. 9.9
12/18/19	Wed	1.24	14.5	7.08	6.94					0	99.3
12/19/19	Thu	1.25	14.1	6.98	6.97					1	99.4
12/20/19	Fri	1.38	14.1	7.12	6.96					0	%removal
12/21/19	Sat	1.41	14.0	7.08	7.08					1	%removal
12/22/19	Sun	1.49	13.7	7.85	6.87					0	
12/23/19	Mon	1.54	14.3	7.18	6.62					2	
12/24/19	Tue	1.66	14.3	7.09	6.41			0.5		0	
12/25/19	Wed	1.67	14.5	7.10	6.45	0.87	1.19			0	280.7
12/26/19	Thu	1.58	14.5	7.06	5.81					1	267.0
12/27/19	Fri	1.64	14.7	7.14	6.11					0	VSS 254.3
12/28/19	Sat	1.71	14.4	7.26	5.95	0.87	1.19	0.5		0	pH 7.44
12/29/19	Sun	1.75	14.1	6.96	6.10					1	VOL.90.6%
12/30/19	Mon	1.84	13.7	6.84	6.01					1	TEMP. 7.7
12/31/19	Tues	1.90	13.9	7.17	5.98					1	99.7
										0	99.6
											%removal
											%removal
MONTHLY AVG.		1.49				1.14	1.27	0.75			

**RUIDOSO - RUIDOSO DOWNS REGIONAL WASTEWATER TREATMENT FACILITY
MONTHLY RECORD FOR FOG RESULTS**

FOG RESULTS

Mescalero, New Mexico

<u>Collection Date</u>	<u>N-Hexane Extractable</u>	<u>Location</u>
12/18/2018	29.6	IMG - Carrizo Canyon
12/18/2018	20.4	Palmer Loop Manhole, Mescalero
12/18/2018	44.3	Apache Travel Center

FOG RESULTS (RWWTP - INFLUENT)

Ruidoso Downs, New Mexico

<u>Collection Date</u>	<u>N-Hexane Extractable</u>	<u>Location</u>
12/4/2018	21.5	Wastewater Treatment Plant

**RUIDOSO - RUIDOSO DOWNS REGIONAL WASTEWATER TREATMENT FACILITY
MONTHLY RECORD FOR FOG RESULTS**

FOG RESULTS

Mescalero, New Mexico

<u>Collection Date</u>	<u>N-Hexane Extractable</u>	<u>Location</u>
2/12/2019	38.2	IMG - Carrizo Canyon
2/12/2019	Non-Detectable	Palmer Loop Manhole, Mescalero
2/12/2019	10.9	Apache Travel Center

**RUIDOSO - RUIDOSO DOWNS REGIONAL WASTEWATER TREATMENT FACILITY
MONTHLY RECORD FOR FOG RESULTS**

FOG RESULTS

Mescalero, New Mexico

<u>Collection Date</u>	<u>N-Hexane Extractable</u>	<u>Location</u>
4/9/2019	28.2	IMG - Carrizo Canyon
4/9/2019	34.2	Palmer Loop Manhole, Mescalero
4/9/2019	17.5	Apache Travel Center

FOG RESULTS (RWWTP - INFLUENT)

Ruidoso Downs, New Mexico

<u>Collection Date</u>	<u>N-Hexane Extractable</u>	<u>Location</u>
4/10/2019	15.3	Influent Before Bar Screen

**RUIDOSO - RUIDOSO DOWNS REGIONAL WASTEWATER TREATMENT FACILITY
MONTHLY RECORD FOR FOG RESULTS**

FOG RESULTS

Mescalero, New Mexico

Collection Date

5/22/2019

5/22/2019

5/22/2019

N-Hexane Extractable

31.5

27.0

10.3

Location

IMG - Carrizo Canyon

Palmer Loop Manhole, Mescalero

Apache Travel Center

**RUIDOSO - RUIDOSO DOWNS REGIONAL WASTEWATER TREATMENT FACILITY
MONTHLY RECORD FOR FOG RESULTS**

FOG RESULTS

Mescalero, New Mexico

<u>Collection Date</u>	<u>N-Hexane Extractable</u>	<u>Location</u>
6/11/2019	31.5	IMG - Carrizo Canyon
6/11/2019	27.0	Palmer Loop Manhole, Mescalero
6/11/2019	10.3	Apache Travel Center

**RUIDOSO - RUIDOSO DOWNS REGIONAL WASTEWATER TREATMENT FACILITY
MONTHLY RECORD FOR FOG RESULTS**

FOG RESULTS

Mescalero, New Mexico

Collection Date

7/10/2019

7/10/2019

7/10/2019

N-Hexane Extractable

45.6

41.6

10.3

Location

IMG - Carrizo Canyon

Palmer Loop Manhole, Mescalero

Apache Travel Center

FOG RESULTS (RWWTP - Influent)

Ruidoso Downs, New Mexico

Collection Date

7/10/2019

N-Hexane Extractable

35.5

Location

Influent Before Bar Screen

**RUIDOSO - RUIDOSO DOWNS REGIONAL WASTEWATER TREATMENT FACILITY
MONTHLY RECORD FOR FOG RESULTS**

FOG RESULTS

Mescalero, New Mexico

Collection Date

8/7/2019

8/7/2019

8/7/2019

N-Hexane Extractable

47.6

21.8

Non-Detectable

Location

IMG - Carrizo Canyon

Palmer Loop Manhole, Mescalero

Apache Travel Center

**RUIDOSO - RUIDOSO DOWNS REGIONAL WASTEWATER TREATMENT FACILITY
MONTHLY RECORD FOR FOG RESULTS**

FOG RESULTS

Mescalero, New Mexico

<u>Collection Date</u>	<u>N-Hexane Extractable</u>	<u>Location</u>
9/11/2019	42.9	IMG - Carrizo Canyon
9/11/2019	22.0	Palmer Loop Manhole, Mescalero
9/11/2019	45.6	Apache Travel Center

FOG RESULTS (RWWTP - Influent)

Ruidoso Downs, New Mexico

<u>Collection Date</u>	<u>N-Hexane Extractable</u>	<u>Location</u>
9/11/2019	24.9	Influent Before Bar Screen

**RUIDOSO - RUIDOSO DOWNS REGIONAL WASTEWATER TREATMENT FACILITY
MONTHLY RECORD FOR FOG RESULTS**

FOG RESULTS

Mescalero, New Mexico

<u>Collection Date</u>	<u>N-Hexane Extractable</u>	<u>Location</u>
10/9/2019	20.3	IMG - Carrizo Canyon
10/9/2019	17.3	Palmer Loop Manhole, Mescalero
10/9/2019	42.3	Apache Travel Center

**RUIDOSO - RUIDOSO DOWNS REGIONAL WASTEWATER TREATMENT FACILITY
MONTHLY RECORD FOR FOG RESULTS**

FOG RESULTS

Mescalero, New Mexico

<u>Collection Date</u>	<u>N-Hexane Extractable</u>	<u>Location</u>
11/6/2019	51.1	IMG - Carrizo Canyon
11/6/2019	29.7	Palmer Loop Manhole, Mescalero
11/6/2019	38.9	Apache Travel Center

**RUIDOSO - RUIDOSO DOWNS REGIONAL WASTEWATER TREATMENT FACILITY
MONTHLY RECORD FOR FOG RESULTS**

FOG RESULTS

Mescalero, New Mexico

<u>Collection Date</u>	<u>N-Hexane Extractable</u>	<u>Location</u>
12/4/2019	57.6	IMG - Carrizo Canyon
12/4/2019	33.4	Palmer Loop Manhole, Mescalero
12/4/2019	24.6	Apache Travel Center

**RUIDOSO - RUIDOSO DOWNS REGIONAL WASTEWATER TREATMENT FACILITY
MONTHLY RECORD FOR INFLUENT AND EFFLUENT**

<u>Name</u>	<u>Limits</u>	<u>Description</u>
Flows (MGD)		Treated Effluent Leaving To The Rio-Ruidoso in Million Gallons per Day (MGD)
TEMP (Celsius) °		Temperature of Effluent Leaving Facility
pH	6.6 - 8.8	pH of Effluent Leaving the Facility
D.O. (mg/l)		Dissolved Oxygen in Effluent Leaving to the Rio-Ruidoso
TSS (mg/l)	0 - 18.6	Total Suspended Solids in Effluent Leaving to the Rio-Ruidoso
BOD5 (mg/l)	0 - 30	Bio-Chemical Oxygen Demand is a 5 Day Test which determines the Food & D.O Leaving to the Rio-Ruidoso
E.COLI (cfu/100 ml)	0 - 126	Concentration of E.Coli Bacteria in Colony Forming Units per 100 mls of Effluent
TRC (ug/L)	0 - 11	Total Residual Chlorine Concentration of Effluent Leaving to the Rio-Ruidoso in Micrograms per Liter (ug/l)
FOG (mg/L)	0 - 40	Fats, Oils and Grease Concentration Sampled from a Designated Area
VSS (mg/L)		Volatile Suspended Solids are Organic (Living) Solids that can be burned off in a 550°C Muffle Furnace
VOL %		Percent Volatile is the amount of Organic (Living) Material in the Influent Stream. The Higher the Better
% Removal	> 85%	TSS Coming into the Facility, Minus TSS Leaving Facility, divided by TSS Coming into the Facility, X 100 = % Removal (Plant Performance)

