



SUSANA MARTINEZ
Governor
JOHN A. SANCHEZ
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NEW MEXICO ENVIRONMENT DEPARTMENT

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BUTCH TONGATE
Cabinet Secretary
J. C. BORREGO
Deputy Secretary

3/2/2017

Hilda Penhallurick
La Mesa Water Coop, NM3500123
Po Box 53
Placitas, NM 87043

Re: Sanitary Survey for the La Mesa Water Coop Water System

Dear Hilda Penhallurick:

The New Mexico Environment Department Drinking Water Bureau (DWB) will be conducting a site inspection of the La Mesa Water Coop water system on 3/24/17 at 10:30 AM as part of a sanitary survey. The sanitary survey will enable the DWB to conduct a comprehensive and accurate review of the components of a water system, to assess the operating condition and adequacy of the water system, and to determine if past recommendations have been implemented effectively. The purpose of the sanitary survey is to evaluate and document the capabilities of the water system's sources, treatment, storage, distribution network, operation and maintenance, and overall management to ensure the provision of safe water.

The DWB requests the Hilda Penhallurick be available for a short meeting to discuss the overall operations and management of the water system on the day of the site inspection. The DWB also requests the Operator in charge be available to answer questions concerning the water system while conducting the inspection of all water system facilities.

In addition to the site inspection the DWB reviews various operation, managerial, and financial documents as part of a sanitary survey. The DWB requests the La Mesa Water Coop water system provide electronic copies of the following documents to Jeff Pompeo Compliance Officer on or before 3/24/17. These documents can be provided via email, electronic media, or a web link. If unable to submit electronic copies of the documents please have hard copies available for pickup the day of the site inspection.

- System map which is in compliance with Revised Total Coliform Rule
At a minimum the map should be a schematic of the system showing the location of all facilities and the capacity of the facilities. It should also include schematics of all treatment and pump station facilities.
- Copy of certification and certification card for the operator in responsible charge of the water system

- Operator contract
Document only required if system is operated by contract operator.
- Operations and Maintenance Plan
If plan is in excess of 75 pages and not in electronic format please submit only the Table of Contents.
- Emergency Response Plan
The Emergency Response Plan should include information concerning response to floods, fire, well contamination, etc. A drought or conservation plan can be one component of an Emergency Response Plan.

The site inspection will include an inspection of the water system records and correspondence with the DWB. Please have the following documents available on 3/24/17.

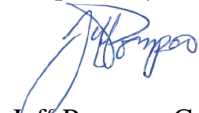
- Sampling plans and/or schedules for:
 - The Revised Total Coliform Rule;
 - The Lead and Copper Rule;
 - The Disinfection Byproduct Rule;
 - Collection of SOC, VOC, IOC, radionuclide, nitrate, samples
- Copy of the DWB approval for representative sampling under the groundwater rule.
- The last years monitoring results for the following:
 - Total coliform samples
 - All chemical samples
 - Disinfectant residuals
 - Monthly Operating Reports
- Most recent three years of correspondence with the DWB

Copies of any permits related to the operation of the water system (e.g. water right declarations, NPDES permits, Ground Water Quality Bureau permits).

Included with this letter are forms from the New Mexico Safe Drinking Water Information System (SDWIS). Please verify the information included on these forms and make any necessary changes or modifications to the information.

For clarifications, questions, or to reschedule the site inspection, please contact Jeff Pompeo Compliance Officer 505-222-9590, e-mail jeff.pompeo@state.nm.us.

Respectfully,



Jeff Pompeo, Compliance Officer
Drinking Water Bureau
Water Protection Division

cc: Area Supervisor (electronic)
La Mesa Water Coop water system Area Office file
Electronic Central File



NMED - Drinking Water Bureau Sanitary Survey Form



System Number: NM3500123

System Name: LA MESA WATER COOP

Date: 3/2/2017

System Info and Contacts

Basic System Information				Additional Basic Information			
Latitude Measure:	35.324994	Longitude Measure:	-106.474972	Owner Type:	P		
County:	SANDOVAL	System Classification:	C				
				Required Certification Level for Operation:	SW		
				Service Area Type:	RESIDENTIAL AREA		
				Seasonal Begin month/day:	1	1	
				Seasonal End month/day:	12	31	

TYPE	NAME	ADDRESS	CITY	STATE	ZIP CODE	PHONE NUMBER	Purpose	email	OPERATOR CLASS	OPERATOR ID
OW	LA MESA WATER COOP	PO Box 53	PLACITAS	NM	87043	505-867-3335	BUS			
OW	LA MESA WATER COOP	PO Box 53	PLACITAS	NM	87043	505-867-9071	FAX			
OW	LA MESA WATER COOP	PO Box 53	PLACITAS	NM	87043		EMAIL	lamesawatercoop@com		
OP	CARTER, PHILLIP	PO Box 10657	ALBUQUERQUE	NM	87184	505-410-3266	BUS		WS3	00363
OP	CARTER, PHILLIP	PO Box 10657	ALBUQUERQUE	NM	87184	505-898-4798	FAX		WS3	00363
OP	CARTER, PHILLIP	PO Box 10657	ALBUQUERQUE	NM	87184		EMAIL	watersysmgtinc@aol.co	WS3	00363
OP	CARTER, PHILLIP	PO Box 10657	ALBUQUERQUE	NM	87184	505-410-3266	MOB		WS3	00363



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Date: 3/2/2017

AC	PENHALLURICK, HILDA	PO Box 53	PLACITAS	NM	87043	505-867-3335	BUS			
AC	PENHALLURICK, HILDA	PO Box 53	PLACITAS	NM	87043	505-867-9071	FAX			
AC	PENHALLURICK, HILDA	PO Box 53	PLACITAS	NM	87043		EMAIL	hildeepa@comcast.net		



NMED - Drinking Water Bureau Sanitary Survey Form



System Number: **NM3500123**

System Name: **LA MESA WATER COOP**

Date: **3/2/2017**

General Information Page

Primary Source Type:	GW	
	% Non Purchased	% Purchased
Surface Water:	0	0
Ground Water:	100	0
Ground Water UDI:	0	0

Basic System Statistics

Population:	650
Population Type:	R
# of Connections:	330
Service Connection Type:	CB
Distribution Meter Type:	ME

Total System Storage Capacity (Gallons):	300000
Asbestos Concrete:	NO



NMED - Drinking Water Bureau Sanitary Survey Form



System Number: NM3500123

System Name: LA MESA WATER COOP

Date: 3/2/2017

Source Page

Facility Name:	WELL #6		Facility ID:	00123011	
Water Type Code:	GW	SEO Well #:	RG49802	Date Well Construted:	4/16/2012
Facility Type Code:	WL	Screen Depth to Top (ft):	493	Casing Diameter (in):	14
Activity Type Code:	A	Screen Depth to Bottom (ft):	983	Casing Height Above Ground (in):	0
Availability Code:	P	Casing Type (pvc, steel, ect):	CEMENT	Casing Bottom Measure (ft):	40
Well Depth (ft):	1200				

Facility Name:	WELL #5		Facility ID:	00123009	
Water Type Code:	GW	SEO Well #:	RG 49802-S4	Date Well Construted:	6/19/2006
Facility Type Code:	WL	Screen Depth to Top (ft):	690	Casing Diameter (in):	6
Activity Type Code:	A	Screen Depth to Bottom (ft):	750	Casing Height Above Ground (in):	18
Availability Code:	P	Casing Type (pvc, steel, ect):	STEEL	Casing Bottom Measure (ft):	560
Well Depth (ft):	755				



NMED - Drinking Water Bureau Sanitary Survey Form



System Number: NM3500123

System Name: LA MESA WATER COOP

Date: 3/2/2017

Source Page

Facility Name:	WELL #5		Facility ID:	00123009	
Water Type Code:	GW	SEO Well #:	RG 49802-S4	Date Well Construted:	6/19/2006
Facility Type Code:	WL	Screen Depth to Top (ft):	320	Casing Diameter (in):	6
Activity Type Code:	A	Screen Depth to Bottom (ft):	650	Casing Height Above Ground (in):	18
Availability Code:	P	Casing Type (pvc, steel, ect):	STEEL	Casing Bottom Measure (ft):	560
Well Depth (ft):	755				



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System Number: NM3500123

System Name: LA MESA WATER COOP

Date: 3/2/2017

NODE SHEET

WSF ID	Facility Name	LATITUDE	LONGITUDE	Collection Date	Accuracy	Reference Code	Datum	Verification Method	Flows To:	Sequence ID:
00123010	WELL #5 TREATMENT	35.328897	-106.4767	8/8/2002	25	025	003	009	DIST	2
00123009	WELL #5	35.328897	-106.4767	8/8/2002	25	026	003	009	WELL #5 TREATMENT	1
00123000	DIST	35.324994	-106.474972	10/13/2009	25	025	003	009	STORAGE TANK #1	3
00123000	DIST	35.324994	-106.474972	10/13/2009	25	025	003	009	STORAGE TANK #2	5
00123012	WELL #6 TREATMENT	35.319333	-106.477811	4/12/2013	25	105	003	009	DIST	2
00123011	WELL #6	35.319333	-106.477811	4/12/2013	25	026	003	009	WELL #6 TREATMENT	1
00123007	STORAGE TANK #2	35.324833	-106.478793	8/8/2002	25	008	003	009	DIST	6
00123006	STORAGE TANK #1	35.324833	-106.478793	8/8/2002	25	008	003	009	DIST	4



NMED - Drinking Water Bureau Sanitary Survey Form



System Number: NM3500123

System Name: LA MESA WATER COOP

Date: 3/2/2017

Storage Tanks

Facility Name: STORAGE TANK #2

Facility ID: 00123007

Local Name:

Activity: A

Construction Material: ST

Type of Tank: GR

Floating or Direct: FLOT

Date Constructed: 12/31/1995

Physical Modification Date:

Design Capacity: 200000

Internal Coating Type: ER

Facility Name: STORAGE TANK #1

Facility ID: 00123006

Local Name:

Activity: A

Construction Material: ST

Type of Tank: GR

Floating or Direct: FLOT

Date Constructed: 12/31/1989

Physical Modification Date:

Design Capacity: 100000

Internal Coating Type: ER



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System Number: NM3500123

System Name: LA MESA WATER COOP

Date: 3/2/2017

Treatment Plants

Facility ID	Facility Name	Treatment Unit Type	Treatment Unit Name	Treatment Objective	Treatment Objective Code	Treatment Proces Code	Associated Analyte Codes	Status
00123012	WELL #6 TREATMENT	DI	POST HYPOCHLOR	DISINFECTION	D	421		A
00123010	WELL #5 TREATMENT	DI	CHLORINATOR	DISINFECTION	D	421		A
00123008	CHLORINATION UNIT WELL #3	DI	DISINFECTION UN	DISINFECTION	D	421		I
00123005	CHLORINATION UNIT WELL #2	DI	DISINFECTION UN	DISINFECTION	D	421		I
00123004	CHLORINATION UNIT WELL #1	DI	DISINFECTION UN	DISINFECTION	D	421		I