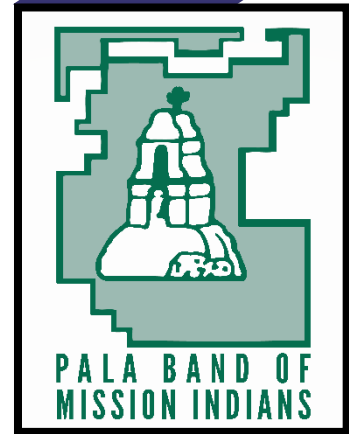


# SANITARY DEFICIENCY LIST

Pala Band of Mission Indians - Pala Annual Water Quality Report 2019  
Pala North PWS# 09-0605153  
Pala South PWS# 09-0600144



## **Significant Deficiencies**

*Sanitary deficiencies are defects in a water system's infrastructure, design, operation, maintenance, or management that cause, or may cause interruptions to the "multiple barrier" protection system and adversely affect the system's ability to produce safe and reliable drinking water in adequate quantities.*

*The following is a listing of significant deficiencies that had yet to be corrected by the end of 2019. Your public water system is still working to correct these deficiencies and interim milestones are shown, as applicable.*

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## Lack of Personal Protective Equipment at Treatment Plants

Date Identified: 4/17/2019    Overall Due Date: 9/26/2019  
System: North & South

**Deficiency Description:** Personal protective equipment (PPE) (i.e. goggles, gloves, aprons) and eyewash stations were not provided to at treatment facilities.

**Corrective Action:** PPE has been purchased and is accessible at all treatment facilities along with newly installed eyewash stations.

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## Unsealed Water Storage Tank Hatches

Date Identified: 4/17/2019    Overall Due Date: 9/26/2019  
System: North & South

**Deficiency Description:** The storage tank roof hatch covers were not sealed. A seal is necessary to prevent insects and other contaminants from entering the tank.

**Corrective Action:** The hatch covers have been repaired.

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## Unsealed Water Storage Tank Cable Guide Openings

Date Identified: 4/17/2019    Overall Due Date: 9/26/2019  
System: North & South

**Deficiency Description:** The target cable guide on the storage tanks were not sealed to prevent insects and other contaminants from entering the tank

**Corrective Action:** The cable guides have been sealed to prevent insects and other contaminants from entering the tank.

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## Inadequate Water Storage Tank Vent Shrouding

Date Identified: 4/17/2019 Overall Due Date: 9/26/2019

System: North

**Deficiency Description:** The storage tank vents were shrouded, but the shrouds did not shield the screens adequately.

**Corrective Action:** The shrouds on all water storage tanks have been extended downward to shield the screens completely.

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## Casing Vents, Casino #2 Well

Date Identified: 4/17/2019 Overall Due Date: 9/26/2019

System: North

**Deficiency Description:** There appeared to be two vents. The vents are screened. One vent is not downturned; the other is partially downturned

**Corrective Action:** One vent needs to have a u-shaped pipe attached and screened. The other vent needs to be oriented downward.

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## Casing Vents, Vista Well

Date Identified: 4/17/2019 Overall Due Date: 9/26/2019

System: North

**Deficiency Description:** Well casing vents were found to be susceptible to contamination from surface runoff and airborne material.

**Corrective Action:** The vents should be extended to about 18 inches above ground level and either shrouded or downturned.

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## Overflow/Drain Pipe, Northwest Storage Tank 3

Date Identified: 4/17/2019 Overall Due Date: 9/26/2019

System: North

**Deficiency Description:** The storage tank overflow drainpipe was not fitted with a screen or flap gate.

**Corrective Action:** The storage tank overflow drainpipe has been fitted with a flap gate.

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## Overflow, Northeast Storage Tank 2

Date Identified: 4/17/2019 Overall Due Date: 9/26/2019

System: North

**Deficiency Description:** The storage tank overflow drainpipe was plugged with debris.

**Corrective Action:** The storage tank overflow drainpipe has been cleared of debris and re-fitted with a properly sized screen.

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## Lack of Cross-Connection Control Program

Date Identified: 4/17/2019 Overall Due Date: 9/26/2019

System: North & South

**Deficiency Description:** The water system does not currently have a written cross-connection control program (CCCP).

**Corrective Action:** A CCCP has been developed and forwarded to US EPA for review and approval.

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## Lubrication Oil, Oaks-Lilac and Catalina Wells

Date Identified: 4/17/2019 Overall Due Date: 9/26/2019

System: North

**Deficiency Description:** The well pump oil is not certified as food grade or meeting NSF Standard 60 for use in drinking water applications.

**Corrective Action:** NSF 60 certified lubrication oil for potable drinking water applications has been purchased and is in use.

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## Lack of Raw Water Sampling Taps on Wells

Date Identified: 4/17/2019 Overall Due Date: 9/26/2019

System: North & South

**Deficiency Description:** There are no raw water sample taps on the well discharge headers prior to treatment for the Casino #1 Well, Casino #2 Well, Highway (North) Well, Vista Well, and Oaks-Lilac Well.

**Corrective Action:** Raw water sample taps have been installed on all wells near the wellhead prior to any treatment.

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## Water Loading Station at Vista Well

Date Identified: 4/17/2019 Overall Due Date: 9/26/2019

System: North

**Deficiency Description:** There is no air-gap device or backflow prevention assembly on the fill line on the water loading station at the Vista Well site.

**Corrective Action Plan:** The loading station fill hose has been shortened to provide an air gap as a backflow prevention measure.