

Nombre de Aeropuerto: Airport Comodoro Rivadavia

Grupo Aeroportuario: Aeropuertos Argentina

Responsable: Fernando Luis Graña, Environment Manager

Nombre del proyecto: Gray water recovery system

Resumen Ejecutivo

The gray water system is based on separating primary sewage waste (fecal matter and fats) from soapy secondary drains produced by sinks and showers. Condensate drains from the air conditioning equipment are also added to this system as a contribution.

Once filtered and treated, the latter can be reused as non-potable water for cleaning toilets and urinals.

The system has:

1.- Collection and pumping tank

The collected secondary drains flow to a buried tank located in the engine room, which has a capacity of 30,000 liters.

This well will be provided with pumping equipment, which will be given a double function, being part of the filtering process on one side and emptying it.

2.- Gray water filtration and treatment system.

It is basically composed of several filters that retain sediments greater than 20 microns, these work automatically.

The different stages involved in treating the gray water system are the following:

a) Filtration, chlorination and disinfection system (stage a).

b) UV disinfection system (stage b).

c) Backwash system (stage c).

d) Emptying the gray water collection tank.

3.- Treated water reserve tank and pressurization equipment.

In the well that collects the water to be treated, with a capacity of 30.00 liters, two 4 m³/h pumps will be placed.

Resultados y Beneficios del proyecto

The most important result is linked to the benefit in sustainability. Mainly due to the demand for water and the supply flow to be treated. The system covers 60% of the demand.-

Annual water consumption of 5136 m³

Water savings (2054 m³/year)

Crisis Hidrica en Chubut: Cortar el agua para sobrevivir

Desde hoy y por 48 horas, anuncian un nuevo corte de agua para distintos barrios de Comodoro Rivadavia. Esto se da en el marco de la crisis hídrica que sufre la provincia, sumado a lo que vienen denunciando los vecinos de Sarmiento y Comodoro, el lago Musters se está secando. No es sequía es saqueo.

Corresponsal Comodoro Rivadavia

Miércoles 30 de marzo de 2022 | 11:59



Chubut

Resistencia al ajuste. Declaración: Construyamos colectivamente un plan de lucha en CONICET y participemos masivamente de las jornadas de lucha de ATE y la CGT el 15/1 y el 24/1; ¡Paro general ya!



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Chubut. El lago que se volvió desierto para darle agua a Comodoro Rivadavia

