

Project

Desalitech ref. #

Project Country

Project Status

City (State)

Quote Date

End-User Name

Ship Date

OEM/EPC Name

Execution Model

Contact

Desalitech Contact

Contact Person

Position

Company Name

Email

City (State)

Phone

Application

Industry

Application

Feed Source

Permeate Quality (ppm)

Design Flow Rate

Permeate

Feed

Cost of Water

Driver 1

Cost of Wastewater

Driver 2

Feed Water Quality (after pretreatment)

Turbidity (NTU)

TDS (ppm)

SDI

Temp. (min/avg/max)

TOC (ppm)

COD (ppm)

Project Notes: Project Goal? Successful Project Looks Like...?

Detailed Water Analysis (required to determine recovery or run projections)

Separate attachment provided: YES NO

Cations	NH ₄	Ammonium	mg/l	
	K	Potassium	mg/l	
	Na	Sodium	mg/l	
	Mg	Magnesium	mg/l	
	Ca	Calcium	mg/l	
	Sr	Strontium	mg/l	pg. 3
	Ba	Barium	mg/l	pg. 4
Anions	HCO ₃	Bicarbonate	mg/l	pg. 5
	NO ₃	Nitrate	mg/l	
	Cl	Chloride	mg/l	
	F	Fluoride	mg/l	
	SO ₄	Sulfate	mg/l	
	O-PO ₄	Ortho-Phosphate	mg/l	
	SiO ₂	Silica (total)	mg/l	
	SiO ₂	Silica (reactive)	mg/l	
	B	Boron	mg/l	Agricultural apps ONLY
	Total	uS/cm	Conductivity	uS/cm
TDS		Total Dissolved Solids	mg/l	
pH		pH	-	Measured in field
Other	As	Arsenic	mg/l	Potable applications ONLY
	Se	Selenium	mg/l	Evap. pond apps. ONLY
	Cr	Chrome VI	mg/l	Potable applications ONLY
Metals	Fe+2	Iron	mg/l	Non-Detect 10 ppb
	Mn	Manganese	mg/l	Non-Detect 10 ppb
	Al	Aluminum	mg/l	
Pre-Treatment	SDI	Silt Density Index		Measured in field
	NTU	Turbidity	NTU	
	BOD	Bio. Oxygen Demand	mg/l	Wastewater app. ONLY
	COD	Chemical Oxy. Demand	mg/l	Wastewater app. ONLY
	TSS	Total Suspended Solids	mg/l	Wastewater app. ONLY
	TOC	Total Organic Carbon	mg/l	
	O&G	Oil & Grease	mg/l	Wastewater app. ONLY

Existing Treatment Train ? Process from feed water source to product tank

New Site

Replace Existing

Expansion

Utilize any existing equip.

Process Details

Current Recovery		Target Recovery		CCRO Recovery	
Feed Pressure	bar	Product Pressure	bar	Avg. Flow Rate	m ³ /h
Target Permeate TDS	mg/l	Target Conductivity	uS/cm	Target pH range	
	YES	NO			

Project/Site Details

Elevation > 1,000 m

Space Constraints

Containerized

Feed Tank

Product Tank

Brine Muni Drain

AS Supplier Pref.

Air details

Plant Air Available

Redundancy required

PFD or Layout dwg

Seismic Req's/specs

Value Calculator Inputs

Plant uptime		Cost of Power	\$/kWh	Current Downtime	hr/year
Cost of Downtime	\$/min.	CIP frequency	/year	Membrane life	years