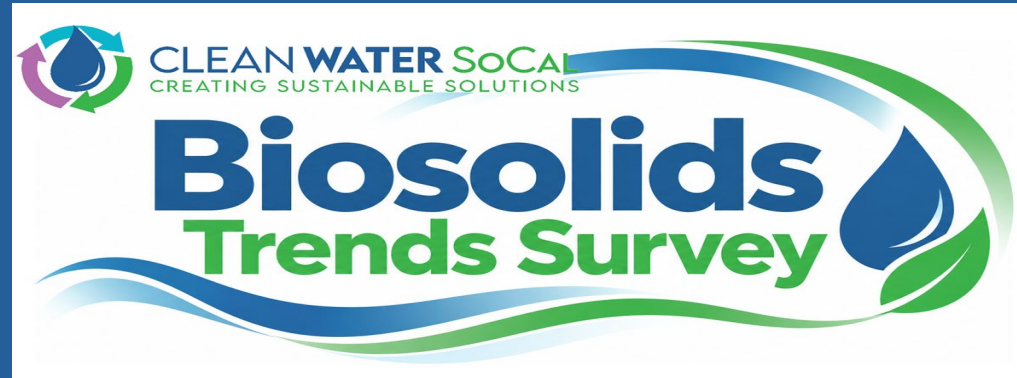




CLEAN WATER SoCAL
CREATING SUSTAINABLE SOLUTIONS

Biosolids Committee Update

October 14, 2026



Biosolids Committee Co-Chairs

Don Nguyen

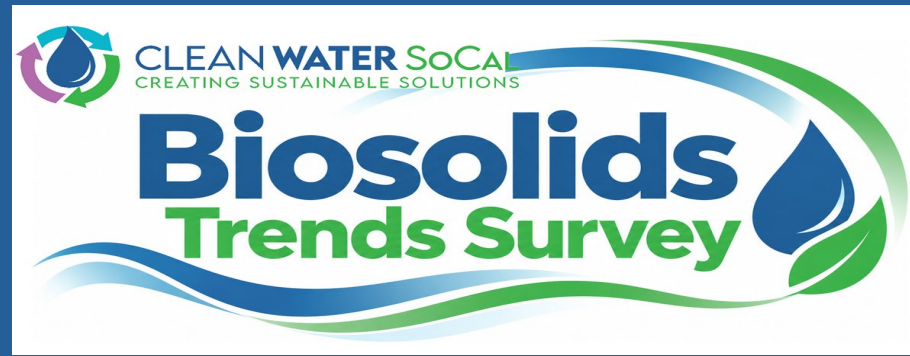
Senior Regulatory Specialist
Orange County Sanitation District
dnguyen@ocsan.gov



Janet Samala

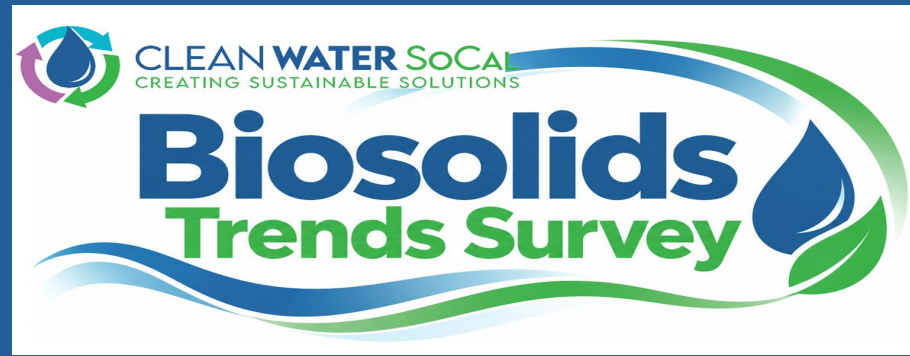
Environmental Engineering Associate IV
Los Angeles Sanitation and Environment
Janet.samala@lacity.org





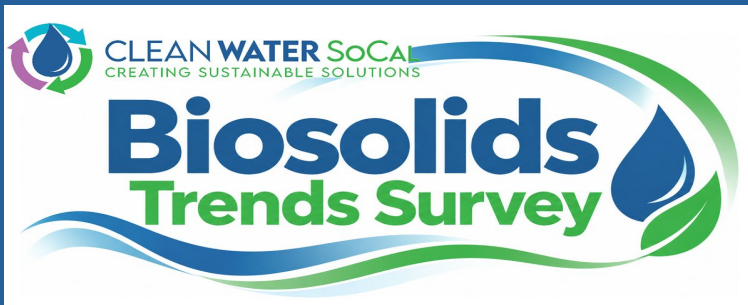
CWSC Biosolids Trend Survey

- ☐ Biennial Review of Southern CA biosolids trends
- ☐ Report helps CWSC members with biosolids management planning
- ☐ Latest CWSC Biosolids Trend Survey released in 2024
- ☐ 22 agencies participated including the top 3 producers of biosolids (LACSD, OCSAN, and LASAN)



CWSC Biosolids Trend Survey

- ❑ Identifies current industry trends for:
 - ❖ Biosolids production
 - ❖ Dewatering technologies
 - ❖ Management Costs
 - ❖ Transportation Rates
 - ❖ Agency challenges
 - ❖ Future Biosolids Management Plans



CWSC Biosolids Trend Survey Snapshot

Hello and thank you for taking time to complete this survey!

Please start all your responses in column E here

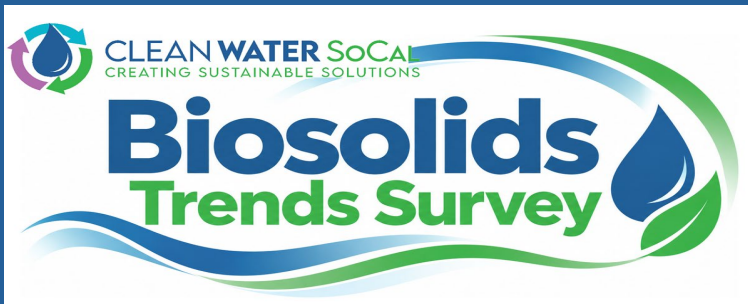
If you have more than 1 response to a question, place that response in the cell to the right.

When typing in your response don't include units/punctuation. Most cells are formatted to do so automatically

Example entry in column C and D are for reference only

		Example				
Respondent Info	Name of Respondent	John Doe		Response requested		
	Position:	Operator		Response requested		
	Email:	JohnDoe@treatmentplant.org		Response requested		
	Phone number:	(999) 999-9999		Response requested		
Agency	Name of Agency	City of Los Angeles		Response requested		
	What was your agency's biosolids management budget in 2024?	\$250,000.00		Response requested		
	Ave. Cost/Ton	\$100 per ton		Number Here		
	What was your agency's biosolids management budget in 2025?	\$300,000.00		Response requested		
	Ave. Cost/Ton	\$200.00 per ton		Number Here		
	Does your agency have dedicated biosolids staff? (If yes enter in the number)	Yes, 2	Jane Doe, Engineer, Janedoe@treatmentplant.org , 9999999999	Response requested		
	Name, title, email and phone number for your agency's designated biosolids contact	John Doe, Operator, JohnDoe@treatmentplant.org , 9999999999		additional contact?		
	Does your agency have a biosolids master plan?	Yes		**Please Select**		
	Does your agency have an overall outreach program?	Yes		**Please Select**		
	What forms of social media does your agency utilize for biosolids outreach/education. (if more than one choose 1 option for each box)	agency managed website		instagram	**Please Select**	
Rate each challenge based on the priority to your agency	Rising Costs (see Column F19 for additional guidelines)	High		**Please Select**		
	Public Perception/Relations	Medium		**Please Select**		
	Finding Low Cost Local Biosolids Management Options	Low		**Please Select**		
	Securing Long-Term Biosolids Management Options	High		**Please Select**		
	Space for Drying Operations	Medium		**Please Select**		
	Regulatory Restrictions & New Regulations	Low		**Please Select**		
	Wet Weather Impeding Drying Operations	Medium		**Please Select**		
	Does your agency have another priority which is not listed above?	yes, we are concerned about hiring staff		Response requested		

**Note: <5% increase in cost is not a priority, 5-



CWSC Biosolids Trend Survey Snapshot

Example

Facility Information														
Agency Name	Facility name	Year material sent (please complete for each year listed)	Total wet tons produced by facility	Solids digestion technology	Biosolids Quality:	Biosolids Quantity (wet tons) produced at quality identified in previous column.	% solids	Dewatering process	Dewatering equipment manufacturer(s)	Any changes planned to this facility and/or solids digestion? (if non, say "continue as is")	Is your agency co-digesting high strength organics with solids to enhance methane production at this facility? (if no, skip next 3 questions)	What type of feedstock for future co-digestion?	Feedstock Contractor(s)	Agency fee (\$/ton received)
City of Los Angeles	Plant 1	2024	100.00 wet tons	Mesophilic anaerobic digestion (single stage)	Class A-EQ	50.00 wet tons	25%	Centrifuge	Alfa Laval	continue as is	No	FOG	Liquid Env Solutions	\$10.00
City of Los Angeles	Plant 1	2025	100.00 wet tons	Mesophilic anaerobic digestion (single stage)	Class B	50.00 wet tons	21%	Filter Press	Ashbrook	continue as is	No	Food waste	Burrtec	\$0.10 p
City of Los Angeles	Plant 2	2024	200.00 wet tons	Thermophilic anaerobic digestion (temperature phased)	Class A-EQ	200.00 wet tons	26%	If other, please type in	FKC	Yes, planning and design stage	Yes	Food waste	SMC	\$3.50 p

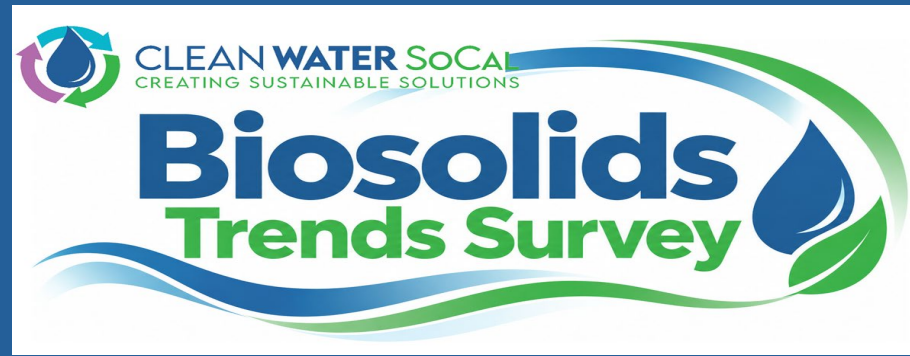
Hello and thank you for taking time to complete this survey!

Please start all your responses in row 16

If you have more than 1 response to a question place that response in the cell below.

When typing in your response please don't include units/punctuation. Most cells are formatted to do so automatically. However if you need to provide some additional details please feel free to include it in the cell with the data we will review and let you know if we have any questions.

Facility Information														
Agency Name	Facility name	Year material sent (please complete for each year listed)	Total wet tons produced by facility	Solids digestion technology	Biosolids Quality:	Biosolids Quantity (wet tons) produced at quality identified in previous column.	% solids	Dewatering process	Dewatering equipment manufacturer(s)	Any changes planned to this facility and/or solids digestion? (if non, say "continue as is")	Is your agency co-digesting high strength organics with solids to enhance methane production at this facility? (if no, skip next 3 questions)	What type of feedstock for future co-digestion?	Feedstock Contractor(s)	Agency fee (\$/ton received)
Response requested	Response requested	**Please Select**	Response requested	**Please Select**	**Please Select**	Response requested	Response requested	**Please Select**	Response requested	Response requested	**Please Select**	**Please Select**	Response requested	Response requested



We want to hear from you!

If you have any questions regarding the survey, please reach out to our team

CWSC Biosolids Team:

Don Nguyen: dnguyen@ocsan.gov

Janet Samala: Janet.Samala@lacity.org

Alec Mackie: amackie@cleanwatersocal.org

Steve Jepsen: sjepsen@cleanwatersocal.org



Biosolids Committee Events

Past Events:

- ☐ **Biosolids Committee Workshop and Tour- LASAN**
- ☐ **CWSC Committee Day- Molton Niguel Water District**

Upcoming Events:

- ☐ **Biosolids Committee Meeting- October 2026**
- ☐ **CWSC Board Meeting- December 2026**