



## Project Summary

### Organization:

County of San Luis Obispo

### Construction Manager:

HDR

### Design Firm:

Carollo Engineers

### General Contractor:

Auburn Constructors

### Location:

Los Osos, California, United States

### Project Objective:

Construction of a new water recycling facility to service a new wastewater collection system

### Products Used:

EADOC

## Fast Facts

- The City of Los Osos, Calif., needed a new water recycling facility to service the city's new wastewater collection system.
- The new facility's challenging program requirements generated a large volume of submittals and RFIs.
- The EADOC system helped keep the complex project on track by providing 24/7, cloud-based access to all project documents and communications.

## ROI

- Turn-around time of submittals and RFIs was significantly reduced—keeping crews working.
- Sending submittals, RFIs, and changes electronically saved administration costs—eliminating the need for printing, filing, faxing, and shipping documents.
- Ease of use allowed all team members to collaborate—keeping all stakeholders informed with real-time project data.

# Los Osos Water Recycling Facility Manages High Volume of RFIs and Submittals

EADOC Reduced the Turn-around Time of RFIs and Submittals, and Eliminated the Need to Print, File and Ship Paper Copies of Documents

## A New Wastewater System from the Ground Up

The Los Osos Water Recycling Facility is the final phase of the Los Osos Wastewater Project (LOWWP). The new 13-acre, USD 48 million facility will service the city of Los Osos' new wastewater collection system, which includes sewer and recycled water lines, sewer laterals, pump stations, and leach fields. Prior to the new collection system and recycling facility, the entire city relied on a septic system. When completed, the new recycling facility and wastewater system will be operated and maintained by the County of San Luis Obispo, Calif.

## A Large Volume of RFIs and Submittals

The recycling facility's challenging program requirements called for many interconnected structural, electrical, and mechanical components. To handle the project's expected high volume of RFIs and submittals, the team, comprising HDR, Carollo Engineers, and Auburn Constructors, needed a robust project management system—and they chose the EADOC for the job.

EADOC significantly reduced the turn-around time of submittals and RFIs by allowing the entire project team to electronically submit and track submittals, RFIs, and changes.

"I was first exposed to EADOC as the office engineer on the Los Osos Collection System project, and it is the most

user-friendly project tracking system I've ever used," said Richard Huffman, resident project representative, HDR.

## Going Paperless Saves Time and Money

EADOC enabled the project team to implement a paperless workflow on the Los Osos Water Recycling Facility. "The HDR team believes that EADOC is revolutionary," said HDR Project Construction Manager Steve Mimiaga, P.E. "In the past, we devoted so much time to preparing, copying, and filing submittal transmittals and RFIs. EADOC is the paperless solution that has been talked about for decades. On this project, the client and HDR have decided to finally stop printing and filing submittals, RFIs, and other communication documents unless we need them in the field, need wet-ink signatures, or need for posting as-builts."

*"EADOC is the paperless solution that has been talked about for decades."*

— Steve Mimiaga, P.E., Project Construction Manager, HDR

According to Huffman, the paperless workflow has saved the project significant time and money. "Some of our documents have up to 1,000 pages. In the old days, we would have to make seven or eight copies of documents like these, and then physically ship them around for project team members to mark-up by hand. So, take this example and multiply it by a hundred and you can get a sense of time and paper we are saving by collaborating electronically with EADOC."

## Attaching Photos to RFIs in the Field

One of the EADOC features that the team really likes is the ability to attach photos to RFIs when submitting them electronically. "Our contractors in the field can attach a photo to an RFI, which can really help convey the nature of the issue to the engineer and speed up the turn-around time," explained Huffman.



EADOC's submittal module with an open rfi item.

*“Since we used EADOC on the previous three Los Osos projects, I still have immediate, Web-based access to all those project documents in case there are any questions or issues relating to the current recycling facility project.”*

*— Richard Huffman, resident project representative, HDR*

**Find out about EADOC at: [eadocsoftware.com](http://eadocsoftware.com)**

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### A Searchable Project Archive after Completion

Another benefit of EADOC is the archiving functionality once the project is completed. “Since we used EADOC on the previous three Los Osos projects, I still have immediate, Web-based access to all those project documents in case there are any questions or issues relating to the current recycling facility project.”

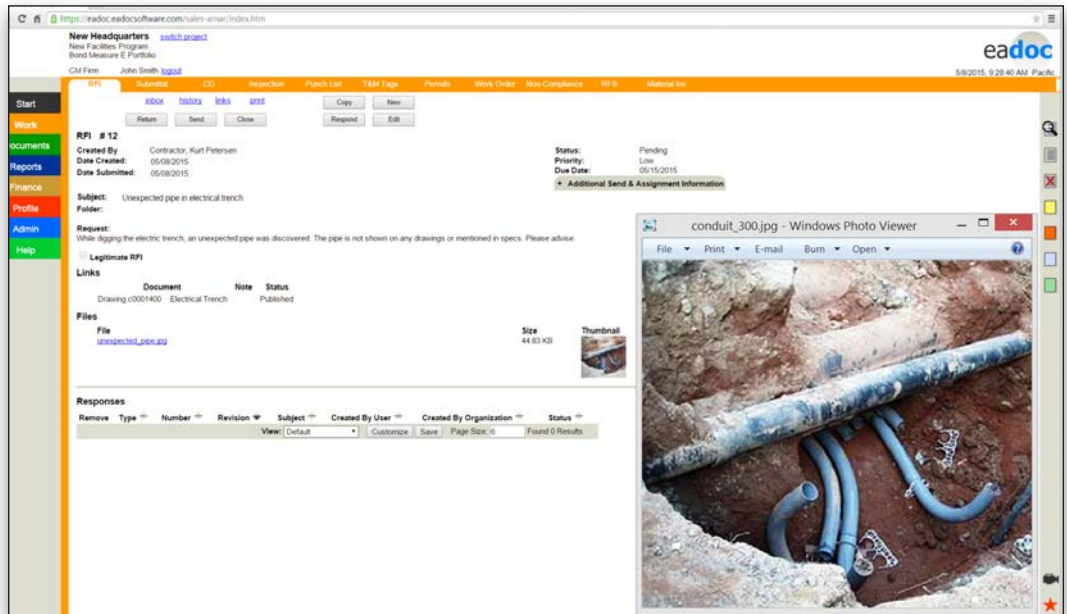
### Time and Expense Minimized

The cloud-based EADOC system allowed the Los Osos team to efficiently manage the project’s RFIs, submittals, change orders, and approvals. The solution also allowed the project to

significantly minimize the time and expense of handling physical documents. “After using EADOC, I can’t imagine using any other tracking system on future projects,” said Huffman.

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*— Richard Huffman, Resident Project Representative, HDR*



Attaching a photo to an RFI.



Construction of the new 13-acre, USD 48 million water recycling facility in Los Osos, California.

