



## California WDR Assisted by LinkoFOG V9

The state of California has issued Statewide General Wastewater Discharge Requirements (WDR) for Sanitary Sewer Systems. Broadly speaking this order is designed to provide a consistent approach within the state to reduce sanitary sewer overflow discharges. All municipalities and authorities containing more than 1 mile of sewer lines are affected.

One of the provisions within the order is to implement and maintain a FOG control program. This is where LinkoFOG V9 and LinkoHW Hauled Waste tracking software will play a valuable role within your organization.

Outlined below are the Wastewater Discharge Requirements for a FOG control program followed by a description of how Linko software and services will assist you in meeting it.

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**WDR Order States:** (a) *An implementation plan and schedule for a public education outreach program that promotes proper disposal of FOG.*

**Linko's Response** – Each program will have to develop a mechanism to schedule, produce and deliver educational outreach material to Food Service Establishments (FSE) within their service area.

LinkoFOG v9 is perfectly tailored to be your educational outreach management tool by helping you:

- 1) Implement and maintain a current list of FSE in your service area
- 2) Schedule outreach milestones
- 3) Track outreach campaign completion dates
- 4) Generate custom educational outreach documents for FSE
- 5) Identify FSE who have or have not received outreach material
- 6) Maintain a history of outreach program documents and letters

**WDR Order States:** (b) *A plan and schedule for the disposal of FOG generated within the sanitary sewer system service area. This may include a list of acceptable disposal facilities and/or additional facilities needed to adequately dispose of FOG generated within a sanitary sewer system service area.*

**Linko's Response** – Meeting the increased FOG disposal demand generated from an effective FOG control program may require multiple disposal sites. However, ensuring FOG pumped out of FSE grease traps is properly disposed of when multiple disposals sites are available, can be a difficult task.

LinkoFOG and LinkoHW simplify the process by managing all available disposal site permits and by tracing FOG disposals back to the FOG generator. This provides a Cradle-to-Grave tracking mechanism from generator to proper disposal.

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**WDR Order States:** (c) *The legal authority to prohibit discharges to the system and identify measures to prevent SSOs and blockages caused by FOG.*

**Linko's Response** – While Linko Software will not help your organization draft an ordinance, it will help you to implement the requirements set forth within it. Additionally if your organization will be permitting FSE, Linko provides an automated permit writing process to build custom permits based on your program requirements.

**WDR Order States:** (d) *Requirements to install grease removal devices (such as traps or interceptors), design standards for the removal devices, maintenance requirements, BMP requirements, record keeping and reporting requirements.*

**Linko's Response** – The combination of effective BMP requirements and a properly maintained grease removal device provide your best opportunity to reduce the amount of grease entering your sewers from commercial sources. LinkoFOG will help your organization in each of the specific items listed above.

- 1) Once the grease trap installation requirements are in place, LinkoFOG will help by producing a list of FSE who don't have a grease removal device installed. From here you can easily target these FSE with educational materials, grease trap installation milestone letters and inspections.

By putting this information at your fingertips, your organization will save many hours of searching files and records, typing letters and scheduling inspections.

- 2) LinkoFOG will generate pumping/maintenance activities based on the frequency set on a FSE level. This provides a great deal of flexibility in assigning and monitoring maintenance schedules for each facility. If it is identified that the maintenance frequency is inadequate for a particular FSE, it can simply be updated. The next maintenance activity scheduled by LinkoFOG will take the increased frequency into account.

Many LinkoFOG users adjust/fine-tune maintenance requirements within a given FSE several times prior to getting it right.

- 3) Requiring FSE to maintain a grease trap maintenance log is a common FOG Control practice. Within the standard inspection process, users can assess maintenance log completeness and issue violation/warning letters to those not meeting the requirements. Additionally, LinkoFOG may be utilized to generate an FSE maintenance log sheet.
- 4) Similar to the maintenance schedule tracking, the maintenance reporting requirements may be scheduled and tracked with ease within the LinkoFOG system.

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**WDR Order States:** *(e) Authority to inspect grease producing facilities, enforcement authorities, and whether the Enrollee has sufficient staff to inspect and enforce the FOG ordinance.*

**Linko's Response** – FSE inspection, the teeth to enforce requirements, and the staff to accomplish both of these tasks are staples of effective FOG programs. Linko has invested more than 10 years of software development to provide the inspection and enforcement capabilities of LinkoFOG v9.

Linko will help address these requirements by:

- 1) LinkoFOG offers the most comprehensive yet configurable FOG inspection tool available. This includes:
  - a. Quantitative measurements of grease and solid layers are tracked within the inspection process. Once measurements are entered, LinkoFOG will calculate percent grease and compare it to the user defined limit – usually 25%. Custom compliance calculations may also be employed at this time. If an exceedance is detected, friendly prompts walk the user through the violation/warning and enforcement process.
  - b. The scheduling of inspections also becomes an important task when several hundred or more FSE exist in your service area. LinkoFOG streamlines this process by utilizing an inspection frequency set within each FSE and an Auto Scheduling tool. The result is a complete inspection schedule ensuring the accurate number of inspections for each individual FSE, with limited effort and time.
  - c. As inspections are completed, users track the results and review compliance, while LinkoFOG schedules the next inspection.
- 2) Program requirements must be enforced to produce the desired effect. LinkoFOG provides a flexible enforcement process. Linko customers are able to implement the same terminology, and steps within their existing violation/warning escalation process, while Linko utilizes friendly prompts to complete the process.

Compliance Plans may also be tailored to meet your default program requirements and easily modified to meet the specific requirements of the violation/warning at hand. Unlimited custom violation/warning letters may be implemented within LinkoFOG thereby providing the user with a complete set of letters to be quickly and consistently generated.

- 3) Staffing a FOG program is most likely your greatest ongoing expenditure. There is no way to eliminate all staffing requirements for your FOG program. However by automating routine activities, scheduling inspections for FSE in close proximity and instantly generating letters and reports, LinkoFOG will make the most of the resources you have in place.

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**WDR Order States:** *(f) An identification of sanitary sewer system sections subject to FOG blockages and establishment of a cleaning maintenance schedule for each section; and (g) Development and implementation of source control measures for all sources of FOG discharged to the sanitary sewer system for each section identified in (f) above.*

**Linko's Response** – In the description identified above, the WDR requires source control measures within sewer sections subject to FOG blockages.

Close communication between sewer maintenance crews and FOG control staff helps to identify FOG hot spots. Utilizing LinkoFOG, FOG control staff can quickly list all FSE in the hot spot area, and Auto Schedule inspections for each. Newly generated inspection lists will now contain the FSE within the hot spot.

Scheduling more frequent inspections and maintenance requirements for FSE in your troublesome areas is addressed with LinkoFOG. First, users can easily focus on a list of FSE in a hot spot as identified above. Secondly, each FSE may have a different inspection frequency and maintenance frequency. Users can easily update this information and as the Auto Scheduling process continues, these requirements will be displayed in task lists more frequently as desired.