



SMART DATA. SMARTER WORKFLOW.

# SEMS EPA DATABASE CHANGES AND HOW THEY IMPACT YOU

Since the dawn of Superfund Act of 1980, the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), has served as the application that stores information about releases, clean-ups and enforcement activities. In the fall of 2014, EPA announced its plans to retire CERCLIS and replace it with the new, more modern, Superfund Enterprise Management System (SEMS). The switch to SEMS is largely driven by EPA's need to bring its database system in line with current technology. Here's what you need to know:

SEMS is a computer application that EPA has built over the past several years with the purpose of integrating, under one umbrella, the functions that formerly resided in the old CERCLIS application, the SDMS (Superfund Document Management System) and a few other internal-facing EPA applications. Most importantly, SEMS will house the traditional CERCLIS data that environmental consultants are accustomed to seeing in their EDR Reports.

In January 2016, EPA released data once stored in CERCLIS to SEMS. After performing quality control and assurance measures, EDR has made this data available to our reports as of March 20, 2016.

With SEMS, EPA has provided several fields of data: site identification number, EPA identification number, Federal Facility status, NPL Status and non-NPL status. To supplement these fields, EDR includes the corresponding site data from CERCLIS, providing you with all current and retired data fields (see example on reverse page). EPA has also renamed their archive system to SEMS-Archive. Your EDR reports will include both SEMS-Archive and NFRAP data. Over time, EPA may provide more data fields from SEMS as they continue the migration to the new computer system. These may include PDF documents, images, and GIS attributes. EDR will make appropriate updates if and when this data becomes available.

In the simplest terms, you can think of this update as a change in the names of EPA databases.



The site records previously stored in CERCLIS have now been moved over to SEMS, and therefore, EDR is using SEMS in our reports.

[EDRNET.COM/SEMS](http://EDRNET.COM/SEMS)

6 Armstrong Road, Shelton, CT 06484 | 800.352.0050 | [edrnet.com](http://edrnet.com)

One notable fact about this transition is that when EDR acquired SEMS data, we identified about a thousand additional records in SEMS that had not been included in the final update to CERCLIS. These records were added to EPA's systems during the interim between CERCLIS and SEMS availability. We now includes these records in our reports.

Environmental Professionals should also be aware that as of spring 2016, regulations and industry standards have not changed their language to account for the SEMS update. The term CERCLIS will remain within the CERCLA statute. The ASTM E1527-13 standard will also retain the legacy terminology. However, the database updating requirements in the industry standard suggest that it is appropriate to use the updated SEMS data to meet requirements to search CERCLIS.

All EDR government record reports that included CERCLIS will now include SEMS and SEMS-ARCHIVE. You'll find the SEMS acronym used in various sections of the report. Below are a few examples of how the update to SEMS impacts the EDR Radius Map Report. For more information, or to download a full sample with the SEMS update, visit [edrnet.com/sems](http://edrnet.com/sems).

MAPPED SITES SUMMARY					
Target Property Address: 5201-5225 SOUTH CENTRAL AVENUE LOS ANGELES, CA 90011					
Click on Map ID to see full detail.					
MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.)
J40	AFFORDABLE FURNITURE	5800-5814 SOUTH CENTRAL	SEMS-ARCHIVE	Lower	2050, 0.388, South
J41	J&A FURNITURE	6809 S. CENTRAL AVE	SEMS-ARCHIVE	Lower	2099, 0.398, South
42	AMERICAN LABS & RECO	1116 E 58TH ST	HWP	Lower	2105, 0.399, South
43	HOOPER/MIRAMONTE PRI	56TH STREET/HOOPER A	ENVIROSTOR, SCH	Lower	2161, 0.409, SE
44	58TH STREET DRUM SIT	1166-1188 E 58TH STR	SEMS	Lower	2162, 0.409, SSE
J45	J&A FURNITURE	5815 SOUTH CENTRAL A	ENVIROSTOR	Lower	2166, 0.410, South
K48	ADVANCE ALUMINUM & B	1001 E SLAUSON AVE	ENVIROSTOR, EMI	Lower	2374, 0.450, South
K47	ADVANCED ALUMINUM &	1001 EAST SLAUSON AV	SEMS-ARCHIVE	Lower	2374, 0.450, South
L48	INGUEZ CABINETS INC	1140 EAST SLAUSON AV	SEMS-ARCHIVE	Lower	2398, 0.454, South
L49	AMERICAN BUMPER SALE	1150 EAST SLAUSON AV	ENVIROSTOR	Lower	2407, 0.456, South
L50	TZENG LONG USA INC	1160 E SLAUSON AVE	SWRCY, LOS ANGELES CO, HMS, NPDES, PROC, WDS	Lower	2418, 0.458, South
M51	AMERICAN BUMPER SALE	1180 E SLAUSON AVEN	SEMS-ARCHIVE, LEAD SMELTERS	Lower	2444, 0.463, SSE
M52	K. J. WELDING & IRON	1202 EAST SLAUSON AV	SEMS, ENVIROSTOR	Lower	2479, 0.470, SSE
N53	LOS ANGELES MILLWORK	938 EAST SLAUSON AVE	ENVIROSTOR, LA Co. Site Mitigation	Lower	2483, 0.470, SSW
N54	LOS ANGELES MILLWORK	938 E SLAUSON AVE	SEMS-ARCHIVE	Lower	2483, 0.470, SSW
O55	ATLAS PLATING	1209 E. SLAUSON AVEN	SEMS-ARCHIVE	Lower	2486, 0.471, SSE
O56	PUGNETT LUCILLE M T	1209 SLAUSON AVENUE	SEMS-ARCHIVE, LEAD SMELTERS	Lower	2486, 0.471, SSE
O57	PUGNETT LUCILLE M T	1209 SLAUSON AVENUE	ENVIROSTOR	Lower	2489, 0.471, SSE
O58	ATLAS PLATING COMPAN	1209 E SLAUSON AVEN	ENVIROSTOR	Lower	2489, 0.471, SSE
O59	WASHINGTON METAL REC	1212 E SLAUSON AVE	SWRCY	Lower	2498, 0.473, SSE
60	SANTA FE RAILWAY CO.	SLAUSON AVE	SLIC	Lower	2517, 0.477, SSW
61	METAL FAB	616 EAST 56TH STREET	ENVIROSTOR	Lower	2531, 0.479, WSW
N62	UNITED ALLOYS, INC.	900 EAST SLAUSON AVE	ENVIROSTOR, SLIC, VCP, LA Co. Site Mitigation	Lower	2542, 0.481, SSW
N63	UNITED ALLOYS	900 SLAUSON	SLIC	Lower	2542, 0.481, SSW
N64	BAKER METAL SUPPLY C	900 EAST SLAUSON AVE	SEMS-ARCHIVE	Lower	2542, 0.481, SSW
N65	UNITED ALLOYS INC	900 E SLAUSON AV	LUST, SWEEPS UST, CA FID UST, CHMIRS, EMI, HIST...	Lower	2542, 0.481, SSW
66	JEFFERSON MIDDLE SCH	444 56TH	ENVIROSTOR, SLIC, SCH, ENF, HIST CORTESE	Lower	2569, 0.487, SW
P67	EASY SEWING CO. (SEE	5716 MCKINLEY AVENUE	SEMS, ECHO	Lower	2593, 0.491, SSW
P68	EASY SEWING CO.	5716 MCKINLEY AVENUE	ENVIROSTOR	Lower	2593, 0.491, SSW
P69	JADE PRODUCTIONS (UP	5716 MCKINLEY AVENUE	SEMS	Lower	2593, 0.491, SSW
70	CENTRAL REGION ELEME	EAST 45TH STREET AND	ENVIROSTOR, SCH	Higher	2608, 0.494, North
Q71	BIKE SHOP	5201 SOUTH COMPTON A	ENVIROSTOR	Higher	2636, 0.499, East
Q72	BIKE SHOP	5201 SOUTH COMPTON A	SEMS-ARCHIVE, LEAD SMELTERS	Higher	2636, 0.499, East
73	ROUNDTREE PROPERTY	5201 AVALON BOULEVAR	SEMS-ARCHIVE, ENVIROSTOR	Lower	2658, 0.503, West
R74	PLATING SHOP	5816 HOOPER AVENUE	ENVIROSTOR	Lower	2664, 0.505, SSE
S75	HARD CHROME PRODUCTS	6029 HOOPER AVENUE	SEMS, HIST CA-SMS, SWEEPS UST, HIST UST, CA FID...	Lower	2698, 0.509, SW
S76	HARD CHROME PRODUCTS	617 EAST 60TH STREET	RESPONSE, ENVIROSTOR, Cortese	Lower	2689, 0.509, SW
77	SLAUSON-CENTRAL SHOP	SLAUSON, S. CENTRAL,	ENVIROSTOR, VCP, DEED	Lower	2718, 0.515, South

SEMS replaces CERCLIS, while SEMS Archive replaces NFRAP in the highlighted listings in a Mapped Sites Summary of a Radius Map Report.

MAP FINDINGS																																																																			
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Data fields from SEMS are listed at the top of a Map Findings reports (green). Below it you'll find the legacy data from CERCLIS (blue).