
State Water Resources Control Board

WATER CODE SECTION 13267 ORDER FOR THE DETERMINATION OF THE PRESENCE OF PER- AND POLYFLUOROALKYL SUBSTANCES

ORDER WQ 2019-0006-DWQ

Pursuant to Water Code section 13267, The State Water Resources Control Board (State Water Board) requires you to submit information as described below. Failure to comply with this Order may subject you to civil liability of up to \$5,000 per day for each day in which the violation occurs.

Your site is identified in **Attachment 1** as a facility that has accepted, stored, or used materials that may contain per- and polyfluoroalkyl substances (PFAS). Therefore, you are required to submit the information in **Attachment 2** to the appropriate Regional Water Quality Control Board (Regional Water Board) identified in the cover letter.

I. BACKGROUND

A. WHAT ARE PFAS?

PFAS is a family of more than 3,000 man-made and mostly unregulated chemicals that have been produced since the mid-1900s. They are mobile, persistent, and bioaccumulative. They are resistant to degradation in the environment and when degradation occurs, it often results in the formation of other PFAS compounds. The PFAS compounds have very different physical and chemical properties. Currently the key classes of concern are perfluoroalkyl sulfonic acids such as the long-chain, more commonly known PFAS, perfluorooctanesulfonate (PFOS) and perfluorooctanoic acid (PFOA).

PFAS are manufactured globally and have been used in the production of a wide range of industrial and household products. PFAS are found in many products such as dental floss, non-stick cookware, food packaging materials, non-stick products (e.g., Teflon™), waterproof and water repellant textiles, water repellant furniture, carpet, polishes, waxes, paints, cleaning products, medical garments, and fire-fighting foams (Aqueous Film-Forming Foams or AFFF). PFAS are used in the Aerospace, Automotive, Chemical, Electronics, Metal Coatings and Plating, and Textiles industries due to their friction-reducing characteristics. Potential firefighting sources of PFAS include airports

and aviation facilities, military bases and training centers, petroleum refineries and terminals, and petrochemical production facilities. Non-industrial PFAS sources include Waste Disposal Facilities, Wastewater Treatment Plant Operations, and Biosolids Application to Agriculture. Secondary sources of PFAS include waste streams such as landfills and wastewater treatment plants. More information on PFAS chemicals can be found at United States Environmental Protection Agency (U.S. EPA) website at: <https://www.epa.gov/pfas>.

PFAS are extremely persistent in the environment and highly mobile in water. People are exposed to PFOS and PFOA through food, food packaging, consumer products, house dust, and drinking water. Since these chemicals have been used in an array of consumer products, scientists have found PFOA and PFOS in the blood of nearly all people tested. Exposure through drinking water has become an increasing concern due to the tendency of PFAS to accumulate in groundwater.

Based on the current available peer-reviewed studies on laboratory animals and epidemiological evidence in human populations, the U.S. EPA released the following statement:

“These studies indicate that exposure to PFOA and PFOS over certain levels may result in adverse health effects, including developmental effects to fetuses during pregnancy or to breastfed infants (e.g., low birth weight, accelerated puberty, skeletal variations), cancer (e.g., testicular, kidney), liver effects (e.g., tissue damage), immune effects (e.g., antibody production and immunity), thyroid effects and other effects (e.g., cholesterol changes).”

Please see U.S. EPA Technical Note for more information:

https://www.epa.gov/sites/production/files/2017-12/documents/ffrrofactsheet_contaminants_pfos_pfoa_11-20-17_508_0.pdf

B. WHICH PFAS?

We are interested in all PFAS that exist in the environment. Due to analytical limitations, the focus of this order is on 39 PFAS analytes including PFOA and PFOS listed in **Attachment 2**. The PFAS analyte list is not exhaustive but is intended to serve as a minimum requirement for sampling pursuant to this Order. Some laboratories may be capable of analyzing additional PFAS that are not included on the list.

C. WHY IS THIS ACTIVITY REQUIRED?

The State Water Board and the Regional Water Boards are charged with the protection of the beneficial uses of water in California, including water used or intended for use as drinking water. If PFAS were used, or materials suspected of containing PFAS were disposed at your facility, technical reports are required to investigate the presence of PFAS. This is part of a statewide effort to determine whether the groundwater is impacted by PFAS and obtain a preliminary understanding of PFAS concentrations at facilities. The State Water Board intends to direct other dischargers identified as potential PFAS sources in the state to perform PFAS testing. The State Water Board and the Regional Water Boards will evaluate the data collected to make informed

decisions in implementing appropriate regulatory action, in anticipation of emerging regulatory standards for PFAS.

In May 2016, the United States Environmental Protection Agency (U.S. EPA) established Health Advisory Levels of 70 parts per trillion (ppt) (0.07 micrograms per liter ($\mu\text{g/L}$)) for PFOA and 70 ppt for PFOS. These concentrations are now considered a screening level. For more information on these advisories see U.S. EPA's website at: <https://www.epa.gov/ground-water-and-drinking-water/drinking-water-health-advisories-pfoa-and-pfos>.

Additionally, in July 2018, the State Water Board's Division of Drinking Water (DDW) issued drinking water notification levels for PFOS and PFOA at 13 ppt and 14 ppt, respectively, per recommendations from California's Office of Environmental Health Hazard Assessment (OEHHA). DDW requires a combined PFOS/PFOA response level of 70 ppt. More information on notification levels for PFAS compounds can be found at: https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/PFOA_PFOS.html.

Water Code section 106.3 indicates it is the policy of the State of California that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes. This Order promotes that policy by directing investigations to determine the presence of PFAS in and near waters that could be used for drinking water purposes.

Additional justification supporting the need for the investigation is included in **Attachment 2**.

II. WATER CODE SECTION 13267 ORDER FOR TECHNICAL REPORTS

Water Code section 13267(b), provides that "a regional board may require any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste within its region... or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region that could affect the quality of water within its region shall furnish, under penalty of perjury, technical or monitoring reports which the regional board requires... In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports and shall identify the evidence that supports requiring that person to provide the reports."

Water Code section 13267(f) authorizes the State Water Board to require this information if it consults with the Regional Water Boards and determines that it will not duplicate the efforts of the Regional Water Boards. The State Water Board has consulted with the Regional Water Boards and made this determination. The release of PFAS into the environment or the disposal of wastes containing PFAS constitutes a discharge of waste as defined in Water Code section 13050(d).

Pursuant to this authority, **you are hereby ordered to submit technical reports identified in Attachment 2.** Additional information regarding requirements for submitting technical reports under Section 13267 of the Water Code is included as **Attachment 3.**

III. COST AND BENEFIT OF TECHNICAL REPORTS

Water Code section 13267(b) specifies that the burden, including costs, of these reports must bear a reasonable relationship to the State Water Board's need for the reports and the benefits to be obtained from the reports.

The cost of the technical reports bears a reasonable relationship to the benefit to be gained because, in terms of public health and environmental harm, contamination of groundwater must be identified before corrective action can be taken, if appropriate.

IV. CALIFORNIA ENVIRONMENTAL QUALITY ACT

The issuance of this Order is an action to protect the environment and is categorically exempt from the provisions of the California Environmental Quality Act pursuant to sections 15304 and 15308, Chapter 3, Title 14 of the California Code of Regulations.

V. PENALTIES

Water Code section 13268 provides that failure to submit the required information by the specified compliance date, or falsifying any information provided therein, is a misdemeanor and may result in civil liability. Noncompliance may subject you to civil liability in the amount of up to \$5,000 for each day of violation. Please be advised that compliance with this Order is not a substitute for compliance with other applicable laws.

Perjury Statement

Pursuant to Water Code section 13267(b)(1), the Water Board requires you to include the following perjury statement, signed by a duly authorized representative, in all reports submitted pursuant to this Order:

"I, [NAME], certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision, and the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant civil penalties for submitting false information."

March 20, 2019



Date

Eileen Sobek
Executive Director

ATTACHMENTS:

Attachment 1 - List of Facilities

Attachment 2 - Technical Report Requirements & Questionnaire

**Attachment 3 - Fact Sheet – Requirements for Submitting Technical Reports
under Section 13267 of the Water Code**

ATTACHMENT 1 LIST OF LANDFILL FACILITIES

WATER CODE SECTION 13267 ORDER FOR THE DETERMINATION OF THE PRESENCE OF PER- AND POLYFLUOROALKYL
SUBSTANCES

REGIONAL WATER QUALITY CONTROL BOARD	GEOTRACKER GLOBAL ID	FACILITY	CITY	COUNTY	ZIP CODE
NORTH COAST	L10004060684	SONOMA COUNTY CENTRAL SWDS	PETALUMA	SONOMA	94952
SAN FRANCISCO	L10004740616	3RD AVE LANDFILL	SAN MATEO	SAN MATEO	94403
SAN FRANCISCO	L10008706352	ACME LANDFILL	MARTINEZ	CONTRA COSTA	94553
SAN FRANCISCO	L10001853784	BRISBANE CLASS II LANDFILL	BRISBANE	SAN MATEO	94005
SAN FRANCISCO	L10009873781	BURLINGAME LANDFILL (SPORTS COMPLEX)	BURLINGAME	SAN MATEO	94010
SAN FRANCISCO	L10007637786	CHEVRON RICHMOND REFINERY LANDFILL	RICHMOND	CONTRA COSTA	94802
SAN FRANCISCO	L10001344067	CLOVER FLAT LANDFILL	CALISTOGA	NAPA	94515
SAN FRANCISCO	L10007582376	GUADALUPE LANDFILL	SAN JOSE	SANTA CLARA	95030
SAN FRANCISCO	L10005750092	HIGHWAY 237 LANDFILL	SAN JOSE	SANTA CLARA	95002
SAN FRANCISCO	L10007138953	HILLTOP WEST PROJECT	RICHMOND	CONTRA COSTA	94806
SAN FRANCISCO	L10008210862	KELLER CANYON LANDFILL	PITTSBURG	CONTRA COSTA	94565
SAN FRANCISCO	L10006120966	KIRBY CANYON LANDFILL	MORGAN HILL	SANTA CLARA	95037
SAN FRANCISCO	L10008021218	MARSH ROAD LANDFILL	MENLO PARK	SAN MATEO	94025
SAN FRANCISCO	T10000000086	MUSSEL ROCK LANDFILL	DALY CITY	SAN MATEO	94015
SAN FRANCISCO	L10002804480	NAPA PIPE, CLASS II WMU, 1	NAPA	NAPA	94559
SAN FRANCISCO	L10002276721	NEWBY ISLAND LANDFILL	MILPITAS	SANTA CLARA	95035
SAN FRANCISCO	T10000000095	OLD PLEASANTON LANDFILL	PLEASANTON	ALAMEDA	94566
SAN FRANCISCO	L10001461904	OX MOUNTAIN LANDFILL	HALF MOON BAY	SAN MATEO	94019
SAN FRANCISCO	L10008699117	PALO ALTO LANDFILL	PALO ALTO	SANTA CLARA	94303
SAN FRANCISCO	L10001581143	PETALUMA LANDFILL - CASA GRANDE	PETALUMA	SONOMA	94954
SAN FRANCISCO	T10000001617	PINOLE POINT BUSINESS PARK	RICHMOND	CONTRA COSTA	94806
SAN FRANCISCO	L10009906356	POTRERO HILLS LANDFILL	SUISUN CITY	SOLANO	94533
SAN FRANCISCO	L10001825915	REDWOOD LANDFILL	NOVATO	MARIN	94947
SAN FRANCISCO	L10006514573	SANTA CLARA ALL PURPOSE LANDFILL	SANTA CLARA	SANTA CLARA	95054
SAN FRANCISCO	L10005407108	SOLANO CLASS III DISPOSAL	FAIRFIELD	SOLANO	94533

REGIONAL WATER QUALITY CONTROL BOARD	GEOTRACKER GLOBAL ID	FACILITY	CITY	COUNTY	ZIP CODE
SAN FRANCISCO	L10001577696	STORY ROAD LANDFILL	SAN JOSE	SANTA CLARA	95127
SAN FRANCISCO	L10007465625	VASCO RD SANITARY LANDFILL	LIVERMORE	ALAMEDA	94550
SAN FRANCISCO	L10007627566	WEST CONTRA COSTA LANDFILL	RICHMOND	CONTRA COSTA	94801
SAN FRANCISCO	L10001617019	WEST WINTON LANDFILL	HAYWARD	ALAMEDA	94545
SAN FRANCISCO	L10002780473	ZANKER ROAD CLASS III LANDFILL	SAN JOSE	SANTA CLARA	95134
CENTRAL COAST	L10008111979	BUENA VISTA LANDFILL	WATSONVILLE	SANTA CRUZ	95076
CENTRAL COAST	L10005543257	CHICAGO GRADE LANDFILL	TEMPLETON	SAN LUIS OBISPO	93465
CENTRAL COAST	L10009479187	COLD CANYON LANDFILL	SAN LUIS OBISPO	SAN LUIS OBISPO	93401
CENTRAL COAST	L10008478954	JOHN SMITH LANDFILL	HOLLISTER	SAN BENITO	95023
CENTRAL COAST	L10004488988	JOHNSON CANYON ROAD LANDFILL	GONZALES	MONTEREY	93900
CENTRAL COAST	L10008948495	LOMPOC LANDFILL	LOMPOC	SANTA BARBARA	93436
CENTRAL COAST	L10005501051	MONTEREY PENINSULA LANDFILL	MARINA	MONTEREY	93933
CENTRAL COAST	L10005965610	PASO ROBLES LANDFILL	PASO ROBLES	SAN LUIS OBISPO	93446
CENTRAL COAST	L10003334990	SANTA CRUZ CLASS III LANDFILL	SANTA CRUZ	SANTA CRUZ	95060
CENTRAL COAST	L10008198797	SANTA MARIA LANDFILL	SANTA MARIA	SANTA BARBARA	93454
CENTRAL COAST	L10005252570	TAJIGUAS LANDFILL	TAJIGUAS	SANTA BARBARA	93117
CENTRAL COAST	L10006622590	WATSONVILLE LANDFILL	WATSONVILLE	SANTA CRUZ	95076
LOS ANGELES	L10005042654	AZUSA - WASTE MANAGEMENT INC.	AZUSA	LOS ANGELES	91702
LOS ANGELES	L10001266944	BAILARD LANDFILL	OXNARD	VENTURA	93030
LOS ANGELES	L10008859354	BISHOP'S CANYON LANDFILL	LOS ANGELES	LOS ANGELES	90012
LOS ANGELES	L10005364254	BKK CLASS III LANDFILL	WEST COVINA	LOS ANGELES	91792
LOS ANGELES	L10002384249	BRADLEY LANDFILL & RECYCLING	SUN VALLEY	LOS ANGELES	91352
LOS ANGELES	L10001359910	BURBANK LANDFILL A.K.A. STOUGH PARK	BURBANK	LOS ANGELES	91510
LOS ANGELES	L10005926913	CALABASAS - LA CO SAN DISTRICT	AGOURA HILLS	LOS ANGELES	91301
LOS ANGELES	L10003464243	CHIQUITA CANYON	VALENCIA	LOS ANGELES	91310
LOS ANGELES	L10009668847	COASTAL / SANTA CLARA LANDFILL	OXNARD	VENTURA	93030
LOS ANGELES	L10001048735	LOPEZ CANYON LANDFILL	LOS ANGELES	LOS ANGELES	91342
LOS ANGELES	L10009967534	PENROSE LANDFILL	LOS ANGELES	LOS ANGELES	91352
LOS ANGELES	L10005092201	PETER PITCHESS LANDFILL	SAUGUS	LOS ANGELES	91350
LOS ANGELES	L10009779056	PUENTE HILLS LANDFILL	WHITTIER	LOS ANGELES	90601
LOS ANGELES	L10006025754	SAVAGE CANYON LANDFILL	WHITTIER	LOS ANGELES	90602
LOS ANGELES	L10009414153	SCHOLL CANYON LANDFILL	GLENDALE	LOS ANGELES	90041

REGIONAL WATER QUALITY CONTROL BOARD	GEOTRACKER GLOBAL ID	FACILITY	CITY	COUNTY	ZIP CODE
LOS ANGELES	L10001396701	SIMI VALLEY LANDFILL	SIMI VALLEY	VENTURA	93065
LOS ANGELES	L10001382782	SPADRA LANDFILL	POMONA	LOS ANGELES	91789
LOS ANGELES	L10006014618	SUNSHINE CANYON LANDFILL	SYLMAR	LOS ANGELES	91342
LOS ANGELES	L10006875092	TOLAND ROAD LANDFILL	SANTA PAULA	VENTURA	93060
CENTRAL VALLEY (FRESNO)	L10006109169	AMERICAN AVENUE LANDFILL	KERMAN	FRESNO	93630
CENTRAL VALLEY (FRESNO)	L10002454014	ARVIN SANITARY LANDFILL	ARVIN	KERN	93203
CENTRAL VALLEY (FRESNO)	L10008359729	AVENAL LANDFILL	AVENAL	KINGS	93204
CENTRAL VALLEY (FRESNO)	L10007860247	BALANCE ROCK SWDS	BALANCE ROCK	TULARE	93265
CENTRAL VALLEY (FRESNO)	T0604700239	BILLY WRIGHT LANDFILL	LOS BANOS	MERCED	93635
CENTRAL VALLEY (FRESNO)	L10009752374	CHEMICAL WASTE MANAGEMENT, BAKERSFIELD FACILITY (II - 1 SWDS)	BAKERSFIELD	KERN	93308
CENTRAL VALLEY (FRESNO)	L10005636166	CHEMICAL WASTE MANAGEMENT, KETTLEMAN HILLS FACILITY	KETTLEMAN CITY	KINGS	93239
CENTRAL VALLEY (FRESNO)	L10002239201	CHINA GRADE SANITARY LANDFILL	BAKERSFIELD	KERN	93301
CENTRAL VALLEY (FRESNO)	L10006221337	CLEAN HARBORS- BUTTONWILLOW LANDFILL	BUTTONWILLOW	KERN	93206
CENTRAL VALLEY (FRESNO)	L10006267841	EARLIMART SWDS	EARLIMART	TULARE	93219
CENTRAL VALLEY (FRESNO)	L10002595927	FAIRMEAD LANDFILL	CHOWCHILLA	MADERA	93610
CENTRAL VALLEY (FRESNO)	L10004418064	HANFORD MUNICIPAL SWDS	HANFORD	KINGS	93230
CENTRAL VALLEY (FRESNO)	L10002455947	HIGHWAY 59 LANDFILL	MERCED	MERCED	95348
CENTRAL VALLEY (FRESNO)	L10001263443	KENNEDY MEADOWS SWDS	TULARE (COUNTY)	TULARE	93238
CENTRAL VALLEY (FRESNO)	L10007929434	BAKERFIELD METRO (BENA) LANDFILL	EDISON	KERN	93307

REGIONAL WATER QUALITY CONTROL BOARD	GEOTRACKER GLOBAL ID	FACILITY	CITY	COUNTY	ZIP CODE
CENTRAL VALLEY (FRESNO)	L10003029180	SHAFTER-WASCO LANDFILL	SHAFTER	KERN	93263
CENTRAL VALLEY (FRESNO)	L10004769772	TAFT SANITARY LANDFILL	TAFT	KERN	93268
CENTRAL VALLEY (FRESNO)	L10001447079	KERN VALLEY SANITARY LANDFILL	KERNVILLE	KERN	93238
CENTRAL VALLEY (FRESNO)	L10002534140	LOST HILLS SANITARY LANDFILL	LOST HILLS	KERN	93249
CENTRAL VALLEY (FRESNO)	L10008183603	MARIPOSA COUNTY LANDFILL	MARIPOSA	MARIPOSA	95338
CENTRAL VALLEY (FRESNO)	L10001759711	TEAPOT DOME SITE	PORTERVILLE	TULARE	93258
CENTRAL VALLEY (FRESNO)	L10008919544	VISALIA LANDFILL	VISALIA	TULARE	93291
CENTRAL VALLEY (REDDING)	L10007590008	ALTURAS LANDFILL	ALTURAS	MODOC	96101
CENTRAL VALLEY (REDDING)	L10001489269	ANDERSON SOLID WASTE INC.	ANDERSON	SHASTA	96007
CENTRAL VALLEY (REDDING)	L10005078943	BIEBER CLASS III LANDFILL	BIEBER	LASSEN	96056
CENTRAL VALLEY (REDDING)	L10005178265	BLACK BUTTE CL III LANDFILL	MOUNT SHASTA	SISKIYOU	96067
CENTRAL VALLEY (REDDING)	L10008268744	BUCKEYE LANDFILL	SHASTA LAKE	SHASTA	96019
CENTRAL VALLEY (REDDING)	L10008688958	CHESTER LANDFILL	CHESTER	PLUMAS	96020
CENTRAL VALLEY (REDDING)	L10008990142	CITY OF REDDING BENTON CLASS III LANDFILL	REDDING	SHASTA	96001
CENTRAL VALLEY (REDDING)	L10002325362	GLENN COUNTY LANDFILL	WILLOWS	GLENN	95988
CENTRAL VALLEY (REDDING)	L10002176933	GOPHER HILL CLASS III LANDFILL	SPANISH RANCH	PLUMAS	95971
CENTRAL VALLEY (REDDING)	L10004557882	INTERMOUNTAIN CLASS III LANDFILL	CASSEL	SHASTA	96040
CENTRAL VALLEY (REDDING)	L10007580959	MCCLLOUD CLASS III LANDFILL	MCCLLOUD	SISKIYOU	96057

REGIONAL WATER QUALITY CONTROL BOARD	GEOTRACKER GLOBAL ID	FACILITY	CITY	COUNTY	ZIP CODE
CENTRAL VALLEY (REDDING)	L10004555712	NEAL ROAD	CHICO	BUTTE	95928
CENTRAL VALLEY (REDDING)	L10008218225	PORTOLA LANDFILL	PORTOLA	PLUMAS	96122
CENTRAL VALLEY (REDDING)	L10004066371	RED BLUFF LANDFILL	RED BLUFF	TEHAMA	96080
CENTRAL VALLEY (REDDING)	L10002145721	WEST CENTRAL LANDFILL	IGO	SHASTA	96047
CENTRAL VALLEY (REDDING)	L10009892061	WESTWOOD LANDFILL	WESTWOOD	LASSEN	96137
CENTRAL VALLEY (SACRAMENTO)	T10000005189	28TH STREET LANDFILL	SACRAMENTO	SACRAMENTO	95627
CENTRAL VALLEY (SACRAMENTO)	L10005834311	ALTAMONT SANITARY LANDFILL	LIVERMORE	ALAMEDA	94550
CENTRAL VALLEY (SACRAMENTO)	T10000006319	CARPENTER ROAD LANDFILL	MODESTO	STANISLAUS	95354
CENTRAL VALLEY (SACRAMENTO)	T10000007791	DELLAR LANDFILL	SACRAMENTO	SACRAMENTO	95816
CENTRAL VALLEY (SACRAMENTO)	L10009540332	EAST LAKE LANDFILL	CLEARLAKE	LAKE	95422
CENTRAL VALLEY (SACRAMENTO)	L10008601447	ELK GROVE CLASS III LANDFILL	ELK GROVE	SACRAMENTO	95624
CENTRAL VALLEY (SACRAMENTO)	T10000007940	ELVAS QUARRY LANDFILL	SACRAMENTO	SACRAMENTO	95630
CENTRAL VALLEY (SACRAMENTO)	L10006134056	FINK ROAD LANDFILL	CROWS LANDING	STANISLAUS	95313
CENTRAL VALLEY (SACRAMENTO)	L10003929056	FOOTHILL SANITARY LANDFILL	SAN JOAQUIN	SAN JOAQUIN	95236
CENTRAL VALLEY (SACRAMENTO)	L10008827999	FORWARD LANDFILL	MANTECA	SAN JOAQUIN	95336
CENTRAL VALLEY (SACRAMENTO)	L10006027844	GRAND ISLAND CLASS III LANDFILL	SACRAMENTO (COUNTY)	SACRAMENTO	95690
CENTRAL VALLEY (SACRAMENTO)	L10008701564	HARNEY LANE CLASS III LANDFILL	STOCKTON	SAN JOAQUIN	95201
CENTRAL VALLEY (SACRAMENTO)	L10007011530	HAY ROAD LANDFILL	VACAVILLE	SOLANO	95687

REGIONAL WATER QUALITY CONTROL BOARD	GEOTRACKER GLOBAL ID	FACILITY	CITY	COUNTY	ZIP CODE
CENTRAL VALLEY (SACRAMENTO)	L10007396297	KIEFER LANDFILL	SLOUGHHOUSE	SACRAMENTO	95683
CENTRAL VALLEY (SACRAMENTO)	L10004137499	L & D LANDFILL	SACRAMENTO	SACRAMENTO	95826
CENTRAL VALLEY (SACRAMENTO)	L10001621439	NORTH COUNTY LANDFILL	LODI	SAN JOAQUIN	95240
CENTRAL VALLEY (SACRAMENTO)	L10001937128	OSTROM ROAD LANDFILL	MARYSVILLE	YUBA	95692
CENTRAL VALLEY (SACRAMENTO)	L10001327064	ROCK CREEK LANDFILL	MILTON	CALAVERAS	95230
CENTRAL VALLEY (SACRAMENTO)	L10007881027	STONYFORD LANDFILL	STONYFORD	COLUSA	95979
CENTRAL VALLEY (SACRAMENTO)	L10007939295	WESTERN REGIONAL LANDFILL	LINCOLN	PLACER	95648
CENTRAL VALLEY (SACRAMENTO)	L10001819539	YOLO COUNTY CENTRAL LANDFILL	WOODLAND	YOLO	95776
LAHONTAN (VICTORVILLE)	L10005089428	ADELANTO CLASS III LANDFILL	ADELANTO	SAN BERNARDINO	92301
LAHONTAN (VICTORVILLE)	T10000007159	ANTELOPE VALLEY LANDFILL	PALMDALE	LOS ANGELES	93551
LAHONTAN (VICTORVILLE)	L10009617682	APPLE VALLEY MUNICIPAL LANDFILL	APPLE VALLEY	SAN BERNARDINO	92307
LAHONTAN (VICTORVILLE)	L10008518142	BAKER CLASS III LANDFILL	BAKER	SAN BERNARDINO	92309
LAHONTAN (VICTORVILLE)	L10001653820	BISHOP LANDFILL	BISHOP	INYO	93526
LAHONTAN (VICTORVILLE)	L10004638786	BORON LANDFILL	BORON	KERN	93516
LAHONTAN (VICTORVILLE)	L10002592521	BRIDGEPORT	BRIDGEPORT	MONO	93517
LAHONTAN (TAHOE)	L10003308528	CEDARVILLE EAST SWDS	CEDARVILLE	MODOC	96104
LAHONTAN (TAHOE)	L10004797027	CEDARVILLE WEST SWDS (OLD)	CEDARVILLE	MODOC	96104
LAHONTAN (VICTORVILLE)	L10007357170	CHALFANT LANDFILL	CHALFANT	MONO	93514

REGIONAL WATER QUALITY CONTROL BOARD	GEOTRACKER GLOBAL ID	FACILITY	CITY	COUNTY	ZIP CODE
LAHONTAN (TAHOE)	L10009864393	EAGLEVILLE SWDS	EAGLEVILLE	MODOC	96110
LAHONTAN (TAHOE)	L10001022155	EASTERN REGIONAL LANDFILL	TRUCKEE	PLACER	96161
LAHONTAN (TAHOE)	L10005084717	FORT BIDWELL SWDS	FORT BIDWELL	MODOC	96112
LAHONTAN (VICTORVILLE)	L10004311928	FURNACE CREEK CLASS III LANDFILL	DEATH VALLEY	INYO	92328
LAHONTAN (VICTORVILLE)	L10001835552	HESPERIA CLASS III LANDFILL	HESPERIA	SAN BERNARDINO	92345
LAHONTAN (VICTORVILLE)	L10002649623	INDEPENDENCE LANDFILL	INDEPENDENCE	INYO	93526
LAHONTAN (TAHOE)	L10008644871	LAKE CITY SWDS OLD	LAKE CITY	MODOC	96115
LAHONTAN (VICTORVILLE)	L10009466231	LANCASTER LANDFILL	LANCASTER	LOS ANGELES	91325
LAHONTAN (VICTORVILLE)	L10001573087	LENWOOD-HINKLEY LANDFILL	HINKLEY	SAN BERNARDINO	92347
LAHONTAN (TAHOE)	L10003238783	MADLINE SWDS	MADLINE	LASSEN	96119
LAHONTAN (VICTORVILLE)	L10001517468	MOJAVE ROSAMOND LANDFILL	MOJAVE	KERN	96150
LAHONTAN (TAHOE)	L10007593280	RAVENDALE SWDS	RAVENDALE	LASSEN	96123
LAHONTAN (VICTORVILLE)	L10005485793	RIDGECREST-INYO KERN LANDFILL	RIDGECREST	KERN	93555
LAHONTAN (VICTORVILLE)	L10004106157	TEHACHAPI LANDFILL	TEHACHAPI	KERN	93561
LAHONTAN (VICTORVILLE)	L10004389991	VICTORVILLE LANDFILL	VICTORVILLE	SAN BERNARDINO	92392
LAHONTAN (VICTORVILLE)	L10003032143	WALKER SANITARY LANDFILL	WALKER	MONO	96107
COLORADO RIVER	L10005391970	ALLIED (REPUBLIC) IMPERIAL LANDFILL	IMPERIAL	IMPERIAL	92251
COLORADO RIVER	L10007155213	BIG BEAR CLS III WMF	BIG BEAR	SAN BERNARDINO	92314
COLORADO RIVER	L10009874093	BLYTHE LANDFILL	BLYTHE	RIVERSIDE	92225

REGIONAL WATER QUALITY CONTROL BOARD	GEOTRACKER GLOBAL ID	FACILITY	CITY	COUNTY	ZIP CODE
COLORADO RIVER	L10003017008	BORREGO SPRINGS LANDFILL	BORREGO SPRINGS	SAN DIEGO	92071
COLORADO RIVER	L10006582911	BRAWLEY CLS III WMF	BRAWLEY	IMPERIAL	92227
COLORADO RIVER	L10006190805	CALEXICO LANDFILL	CALEXICO	IMPERIAL	92243
COLORADO RIVER	L10009957466	DESERT CENTER SANITARY	DESERT CENTER	RIVERSIDE	92239
COLORADO RIVER	L10009373801	EDOM HILL CLS III WMF 01-141	CATHEDRAL CITY	RIVERSIDE	92234
COLORADO RIVER	L10005968736	HOLTVILLE CLS III WMF	HOLTVILLE	IMPERIAL	92243
COLORADO RIVER	L10009821173	HOT SPA LANDFILL	NILAND	IMPERIAL	92257
COLORADO RIVER	L10007284831	IMPERIAL LANDFILL	IMPERIAL	IMPERIAL	92251
COLORADO RIVER	L10003011090	LANDERS LANDFILL	LANDERS	SAN BERNARDINO	92284
COLORADO RIVER	L10006289548	LUCERNE VALLEY CLOSED WMF	LUCERNE VALLEY	SAN BERNARDINO	92356
COLORADO RIVER	L10003086281	NEEDLES WMF 03-046	NEEDLES	SAN BERNARDINO	92363
COLORADO RIVER	L10004403391	NILAND LANDFILL	NILAND	IMPERIAL	92257
COLORADO RIVER	L10003427428	OASIS LANDFILL	OASIS	RIVERSIDE	92274
COLORADO RIVER	L10003033435	OCOTILLO CLASS III WMF	OCOTILLO	IMPERIAL	92259
COLORADO RIVER	L10006866257	PALO VERDE III WMF	PALO VERDE	IMPERIAL	92266
COLORADO RIVER	L10006414912	PICACHO SWDS	WINTERHAVEN	IMPERIAL	92283
COLORADO RIVER	L10005850536	SALTON CITY LANDFILL	SALTON CITY	IMPERIAL	92004
SAN DIEGO	L10005246107	ANZA SANITARY LANDFILL	ANZA	RIVERSIDE	92306
SAN DIEGO	L10006165556	ARIZONA ST/BALBOA PARK LANDFILL	SAN DIEGO	SAN DIEGO	92101
SAN DIEGO	L10007828563	BELL JR HIGH LANDFILL	SAN DIEGO	SAN DIEGO	92139
SAN DIEGO	L10001753716	BONSALL LANDFILL	BONSALL	SAN DIEGO	92003
SAN DIEGO	L10006943141	BRADLEY PARK LANDFILL	SAN MARCOS	SAN DIEGO	92069
SAN DIEGO	L10009131789	DUCK POND LANDFILL	NATIONAL CITY	SAN DIEGO	91950
SAN DIEGO	L10007407136	ENCINITAS II LANDFILL	ENCINITAS	SAN DIEGO	92024
SAN DIEGO	L10003156547	FORMER OMAR RENDERING LANDFILL	CHULA VISTA	SAN DIEGO	91910
SAN DIEGO	L10004423988	FORSTER CANYON LANDFILL	SAN JUAN CAPISTRANO	ORANGE	92675
SAN DIEGO	L10005408290	GILLESPIE LANDFILL	EL CAJON	SAN DIEGO	92020
SAN DIEGO	L10004532342	HILLSBOROUGH LANDFILL	SAN DIEGO	SAN DIEGO	92139
SAN DIEGO	L10004933936	JAMACHA SANITARY LANDFILL	SPRING VALLEY	SAN DIEGO	91978
SAN DIEGO	L10006664190	MAXSON STREET LANDFILL	OCEANSIDE	SAN DIEGO	92054
SAN DIEGO	L10009404819	MISSION AVE LANDFILL	OCEANSIDE	SAN DIEGO	92054
SAN DIEGO	L10005852203	MISSION BAY LANDFILL	SAN DIEGO	SAN DIEGO	92109
SAN DIEGO	L10006986192	NORTH MIRAMAR LANDFILL	SAN DIEGO	SAN DIEGO	92111

REGIONAL WATER QUALITY CONTROL BOARD	GEOTRACKER GLOBAL ID	FACILITY	CITY	COUNTY	ZIP CODE
SAN DIEGO	L10009614226	OTAY ANNEX SANITARY LANDFILL	CHULA VISTA	SAN DIEGO	91910
SAN DIEGO	L10006424767	OTAY CLASS 1 LANDFILL	CHULA VISTA	SAN DIEGO	91911
SAN DIEGO	L10003501496	PALOMAR AIRPORT LANDFILL	CARLSBAD	SAN DIEGO	92008
SAN DIEGO	L10008727762	PARADISE HILLS PARK LANDFILL	SAN DIEGO	SAN DIEGO	92139
SAN DIEGO	L10001254570	POWAY LANDFILL	POWAY	SAN DIEGO	92064
SAN DIEGO	L10003995148	PRIMA DESCHECHA CANADA	SAN JUAN CAPISTRANO	ORANGE	92675
SAN DIEGO	L10002513368	RAMONA SANITARY LANDFILL	RAMONA	SAN DIEGO	92065
SAN DIEGO	L10006325553	SAN MARCOS II SANITARY LANDFILL	SAN MARCOS	SAN DIEGO	92078
SAN DIEGO	L10001927106	SOUTH CHOLLAS LANDFILL	SAN DIEGO	SAN DIEGO	92105
SAN DIEGO	L10003830787	SOUTH MIRAMAR LANDFILL	SAN DIEGO	SAN DIEGO	92111
SAN DIEGO	L10009474974	SYCAMORE CANYON LANDFILL	SANTEE	SAN DIEGO	92145
SAN DIEGO	L10004776747	VALLEY CENTER LANDFILL	VALLEY CENTER	SAN DIEGO	92082
SAN DIEGO	L10005392761	VIEJAS SANITARY LANDFILL	ALPINE	SAN DIEGO	91901
SAN DIEGO	L10004030235	WEST MIRAMAR SANITARY LANDFILL	SAN DIEGO	SAN DIEGO	92111

ATTACHMENT 2
TECHNICAL REPORT REQUIREMENTS AND QUESTIONNAIRE
FOR
MUNICIPAL SOLID WASTE LANDFILLS

WATER CODE SECTION 13267 ORDER FOR THE DETERMINATION OF THE
PRESENCE OF PER- AND POLYFLUOROALKYL SUBSTANCES

Contents:

- A. Justification for the Need for Technical Reports*
- B. Technical Report Requirements*
- C. Landfill Operator Questionnaire*

A. JUSTIFICATION FOR THE NEED FOR TECHNICAL REPORTS

In 2017, PFAS testing was performed on leachate, gas condensate, and groundwater at four (4) active Municipal Solid Waste (MSW) landfills (i.e. Bowerman, Olinda Alpha, El Sobrante, and California Street landfills) within the Santa Ana Region. The testing conducted confirmed the presence of PFAS in all four landfills. PFAS detected at the El Sobrante Landfill exceeded the U.S. EPA Health Advisory Levels for groundwater. PFAS detected in leachate had the highest concentrations as compared to the groundwater and gas condensate. Concentrations of 18 PFAS compounds analyzed at the Bowerman, Olinda Alpha, El Sobrante, and California Street landfills are summarized in **Exhibit A**.

Based on these results, it is reasonable to conclude that PFAS may be present in most MSW landfills. Therefore, an investigation is necessary at MSW landfills statewide to determine the presence of PFAS, their respective levels in leachate and groundwater, and to evaluate the impact of current and historic discharges from these facilities on groundwater quality.

The State Water Board intends to direct other dischargers identified as potential PFAS sources in the state to perform PFAS testing. The State Water Board and the Regional Water Boards will evaluate the data collected to make informed decisions in implementing appropriate regulatory action, in anticipation of emerging regulatory standards for PFAS.

EXHIBIT A
SANTA ANA REGIONAL WATER BOARD - LANDFILL PFAS RESULTS

El Sobrante Landfill

Constituents	Abbreviation	USEPA HAL (ng/l)	Leachate (ng/l) n=3	Condensate (ng/l) n=1	Groundwater (ng/l) n=6
Perfluorooctane sulfonic acid	PFOS	70	ND - 230	4.8	ND - 40
Perfluorooctanoic acid	PFOA	70	630 - 26,000	16	ND - 610
Perfluorobutane sulfonate	PFBS	--	230 - 5,200	ND	ND - 36
Perfluorobutanoic acid	PFBA	--	2,300-18,000	ND	ND - 180
Perfluorohexane sulfonate	PFHxS	--	66 - 770	ND	ND - 16
Perfluorohexanoic acid	PFHxA	--	3,800-51,000	9.3	ND - 340
Perfluoroheptane sulfonate	PFHpS	--	ND	ND	ND - 1.4
Perfluoroheptanoic acid	PFHpA	--	350 - 2,600	3.6	ND - 170
Perfluorononanoic acid	PFNA	--	53 - 180	3.3	ND - 42
Perfluorodecanoic acid	PFDA	--	22 - 270	7.8	ND - 12
Perfluorododecanoic acid	PFDoA	--	ND - 2.4	3.7	ND - 1.8
Perfluorotetradecanoic acid	PFTeA	--	1.0 - 5.4	3.0	1.1 - 2.0
Perfluorotridecanoic acid	PFTriDa	--	ND	1.1	ND
Perfluoroundecanoic acid	PFUnA	--	ND - 11	2.4	ND - 2.7
N-ethyl perfluorooctane sulfonamidoacetic acid	NEtFOSAA	--	ND - 17	ND	ND
N-methyl perfluorooctane sulfonamidoacetic acid	NMeFOSAA	--	ND - 89	ND	ND - 20
6:2 Fluorotelomer sulfonate	6:2 FTS	--	51 - 320	ND	ND
8:2 Fluorotelomer sulfonate	8:2 FTS	--	ND - 29	6.1	ND

California Street Landfill

Constituents	Abbreviation	USEPA HAL (ng/l)	Leachate (ng/l) n=1	Condensate (ng/l) n=1	Groundwater (ng/l) n=3
Perfluorooctane sulfonic acid	PFOS	70	49	12	9.4 - 31
Perfluorooctanoic acid	PFOA	70	490	17	12 - 30
Perfluorobutane sulfonate	PFBS	--	ND	ND	ND
Perfluorobutanoic acid	PFBA	--	ND	ND	ND
Perfluorohexanesulfonic acid	PFHxS	--	99	ND	ND
Perfluorohexanoic acid	PFHxA	--	640	ND	17 - 30
Perfluoroheptane sulfonate	PFHpS	--	ND	ND	ND
Perfluoroheptanoic acid	PFHpA	--	520	3.3	8.1 - 10
Perfluorononanoic acid	PFNA	--	230	ND	ND - 7.4
Perfluorodecanoic acid	PFDA	--	ND	15	ND
Perfluorododecanoic acid	PFDoA	--	ND	19	ND
Perfluorotetradecanoic acid	PFTeA	--	ND	ND	ND
Perfluorotridecanoic acid	PFTriDa	--	ND	ND	ND
Perfluoroundecanoic acid	PFUnA	--	ND	ND	ND
N-ethyl perfluorooctane sulfonamidoacetic acid	NEtFOSAA	--	ND	ND	ND
N-methyl perfluorooctane sulfonamidoacetic acid	NMeFOSAA	--	ND	ND	ND
6:2 Fluorotelomer sulfonate	6:2 FTS	--	100	ND	ND
8:2 Fluorotelomer sulfonate	8:2 FTS	--	ND	110	ND

EXHIBIT A - CONTINUED**SANTA ANA REGIONAL WATER BOARD - LANDFILL PFAS RESULTS****Bowerman Landfill**

Constituents	Abbreviation	USEPA HAL (ng/l)	Leachate (ng/l) n=1	Condensate (ng/l) n=1	Groundwater (ng/l) n=3
Perfluorooctane sulfonic acid	PFOS	70	50	160	1.0 - 50 ¹
Perfluorooctanoic acid	PFOA	70	1,000	1,200	1.0 - 50 ¹
Perfluorobutane sulfonate	PFBS	--	110	1,300	ND - 17
Perfluorobutanoic acid	PFBA	--	4,900	3,100	ND
Perfluorohexanesulfonic acid	PFHxS	--	500	370	ND
Perfluorohexanoic acid	PFHxA	--	1,600	660	ND
Perfluoroheptane sulfonate	PFHpS	--	ND	ND	ND
Perfluoroheptanoic acid	PFHpA	--	530	410	ND
Perfluorononanoic acid	PFNA	--	ND	63	ND
Perfluorodecanoic acid	PFDA	--	60	170	ND
Perfluorododecanoic acid	PFDoA	--	ND	ND	ND
Perfluorotetradecanoic acid	PFTeA	--	ND	ND	ND
Perfluorotridecanoic acid	PFTriDa	--	ND	ND	ND
Perfluoroundecanoic acid	PFUnA	--	ND	ND	ND
N-ethyl perfluorooctane sulfonamidoacetic acid	NEtFOSAA	--	ND	440	ND
N-methyl perfluorooctane sulfonamidoacetic acid	NMeFOSAA	--	ND	730	ND
6:2 Fluorotelomer sulfonate	6:2 FTS	--	190	200	ND
8:2 Fluorotelomer sulfonate	8:2 FTS	--	ND	56	ND

Olinda Alpha Landfill

Constituents	Abbreviation	USEPA HAL (ng/l)	Leachate (ng/l) n=1	Condensate (ng/l) n=1	Groundwater (ng/l) n=3
Perfluorooctane sulfonic acid	PFOS	70	50	160	1.0 - 50 ¹
Perfluorooctanoic acid	PFOA	70	360	1,200	1.0 - 50 ¹
Perfluorobutane sulfonate	PFBS	--	ND	5,200	ND
Perfluorobutanoic acid	PFBA	--	1,100	ND	ND
Perfluorohexanesulfonic acid	PFHxS	--	ND	390	ND
Perfluorohexanoic acid	PFHxA	--	1,300	660	ND
Perfluoroheptane sulfonate	PFHpS	--	ND	ND	ND
Perfluoroheptanoic acid	PFHpA	--	67	460	ND
Perfluorononanoic acid	PFNA	--	ND	94	ND
Perfluorodecanoic acid	PFDA	--	ND	200	ND
Perfluorododecanoic acid	PFDoA	--	ND	95	ND
Perfluorotetradecanoic acid	PFTeA	--	ND	ND	ND
Perfluorotridecanoic acid	PFTriDa	--	ND	ND	ND
Perfluoroundecanoic acid	PFUnA	--	ND	ND	ND
N-ethyl perfluorooctane sulfonamidoacetic acid	NEtFOSAA	--	ND	190	ND
N-methyl perfluorooctane sulfonamidoacetic acid	NMeFOSAA	--	ND	210	ND
6:2 Fluorotelomer sulfonate	6:2 FTS	--	ND	290	ND
8:2 Fluorotelomer sulfonate	8:2 FTS	--	ND	ND	ND

¹ PFOA and PFOS combined

B. TECHNICAL REPORT REQUIREMENTS

Work Plan

You are required to submit a work plan for a one-time leachate and groundwater assessment of PFAS impacts at your facility to the Regional Water Board specified in the Order cover letter **no later than 60 days following the date of this Order**. This attachment provides specific requirements to include in the technical report.

At a minimum, provide the following in your work plan:

1. A map identifying the monitoring locations for collection of groundwater samples and leachate samples for analysis of the PFAS compounds specified in Table 1. It is not necessary to sample all locations, but selected locations must appropriately represent all conditions at your facility and must include groundwater and leachate.
2. A Sampling and Analysis Plan that includes quality assurance and quality control procedures necessary to ensure valid and representative data is obtained and reported. Specify the appropriate sampling procedures, including sampling equipment, sampling containers, the quality of water used for blank preparation and equipment decontamination, sample holding times, and quantities for sampling PFAS compounds. To minimize cross-contamination, all sampling materials, equipment, blanks, containers, and equipment decontamination reagents must be PFAS-free, to the maximum extent practicable. Additional guidance for preventing sample contamination can be found at: https://www.waterboards.ca.gov/water_issues/programs/pfas/
3. Reporting limits for PFAS.
4. If the sampling locations are known to have or suspected to be constructed with materials containing PFAS compounds, include descriptions of the materials.
5. Signature, stamp, and contact information for the California-licensed Professional Geologist or Professional Engineer acting in responsible charge for the content of the Work Plan.

Final Report

A final sampling and analysis report, including at least the following information, must be submitted **no later than 90 days** following the State or Regional Water Board acceptance of the Work Plan. However, if your facility currently operates under an existing Waste Discharger Requirements Order with a Monitoring and Report Program, sampling may be conducted concurrently with the next scheduled monitoring and sampling event.

- a) A description of the sampling activities;
- b) A summary table of analytical results;
- c) A copy of the Chain of Custody;
- d) A copy of the field sampling log;
- e) A copy of the site map showing the sampling locations; and
- f) A copy of laboratory analytical results of the monitored media.

Questionnaire

If you 1) have not accepted, stored, discharged, or used materials that may contain PFAS at your facility, or 2) if you have already conducted sampling for these constituents in compliance with the minimum work plan requirements listed below, please complete the questionnaire with relevant information supporting your response and return to the Regional Water Board specified in the Order cover letter **no later than 30 days following the date of this Order.**

Report Submittal

Reports must be submitted in a searchable electronic format, with transmittal letter, text, tables, figures, laboratory analytical data, and appendices in Portable Document Format (PDF) format (one PDF for the entire report) as well as in electronic data deliverable (EDD) format. The Questionnaire, Work Plan, Final Report, and Analytical Reports and EDD must be uploaded into GeoTracker via the Electronic Submittal of Information (ESI) Portal, as stipulated by California State law. GeoTracker ESI guidance, general information and Help Desk assistance can be on the ESI homepage at:

https://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/

The analytical laboratory must be accredited by the California Environmental Laboratory Accreditation Program (ELAP) to perform the analytical method for PFAS compliant with Department of Defense (DoD) Table B-15 of Quality Systems Manual (QSM), dated 2017, version 5.1 or later. The laboratory must have the capacity to quantify the target PFAS analytes listed in Table 1, and must be capable of achieving the quality control/quality assurance requirements specified in Table B-15 of the DoD QSM, version 5.1 or later. DoD's QSM version 5.1 can be found at:

<https://www.denix.osd.mil/edqw/documents/documents/qsm-version-5-1-final/> as well as on the State Water Board's PFAS informational website:

https://www.waterboards.ca.gov/water_issues/programs/pfas/. A list of laboratories that are accredited by ELAP can be found on the State Water Board ELAP webpage:

https://www.waterboards.ca.gov/drinking_water/certlic/labs/. For the general parameters listed in Table 2, the method of analysis shall be appropriate for the expected concentrations.

TABLE 1. PFAS Analytes Subject to Analysis

Chemical Name	Abbreviation	Chemical Abstracts Service (CAS) No.
2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid	HFPO-DA	13252-13-6*
10:2 Fluorotelomer sulfonic acid	10:2 FTS	120226-60-0*
2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic Acid	HFPA-DA	13252-13-6 *
Perfluorooctadecanoic acid	PFOcDA	16517-11-6*
N-Ethyl perfluorooctane sulfonamidoethanol	EtFOSE	1691-99-2*
Perfluorooctane sulfonic acid	PFOS	1763-23-1
Perfluoroundecanoic acid	PFUnDA	2058-94-8
N-Methyl perfluorooctane sulfonamidoacetic acid	NMeFOSAA	2355-31-9
N-Methyl perfluorooctane sulfonamidoethanol	MeFOSE	24448-09-7*
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluoropentane sulfonic acid	PFPeS	2706-91-4
6:2 Fluorotelomer sulfonic acid	6:2 FTS	27619-97-2
N-Ethyl perfluorooctane sulfonamidoacetic acid	NEtFOSAA	2991-50-6
Perfluorohexanoic acid	PFHxA	307-24-4
1.0Perfluorododecanoic acid	PFDoDA	307-55-1
N-Methyl perfluorooctane sulfonamide	MeFOSA	31506-32-8*
Perfluorooctanoic acid	PFOA	335-67-1
Perfluorodecanoic acid	PFDA	335-76-2
Perfluorodecane sulfonic acid	PFDS	335-77-3
4,4,5,5,6,6,6-Heptafluorohexanoic Acid	3:3 FTCA	356-02-5*
Perfluorohexane sulfonic acid	PFHxS	355-46-4
Perfluorobutanoic acid	PFBA	375-22-4
Perfluorobutane sulfonic acid	PFBS	375-73-5
Perfluoroheptanoic acid	PFHpA	375-85-9
Perfluoroheptane sulfonic acid	PFHpS	375-92-8
Perfluorononanoic acid	PFNA	375-95-1
Perfluorotetradecanoic acid	PFTeDA	376-06-7
2H,2H,3H,3H-Perfluorodecanoic acid	7:3 FTCA	812-70-4*
8:2 Fluorotelomer sulfonic acid	8:2 FTS	39108-34-4
N-Ethyl perfluorooctane sulfonamide	EtFOSA	4151-50-2*
Perfluorononane sulfonic acid	PFNS	474511-07-4*
Perfluorohexadecanoic acid	PFHxDA	67905-19-5*
Perfluorotridecanoic acid	PFTrDA	72629-94-8
Perfluorooctanesulfonamide	FOSA	754-91-6
4:2 Fluorotelomer sulfonic acid	4:2 FTS	757124-72-4
Perfluoro(2-((6-chlorohexyl)oxy)ethanesulfonic acid)	9Cl-PF3ONS	756426-58-1*
2-[(8-Chloro-1,1,2,2,3,3,4,4,4,5,5,6,6,7,7,8,8-hexadecafluorooctyl)oxy]-1,1,2,2-tetrafluoroethanesulfonic acid	11Cl-PF3OUdS	763051-92-9*
2H,2H,3H,3H-Perfluorooctanoic Acid (CAS 914637-49-3)	5:3 FTCA	914637-49-3*
4,8-Dioxa-3H-perfluorononanoic acid	Adona	919005-14-4*

Note: Only the 23 analytes without the asterisk (*) are required to be analyzed as part of this Order. The analytes with the asterisk (*) are included in some but not all lists provided by accredited laboratories and are encouraged to be analyzed as part of this effort.

C. LANDFILL OPERATOR QUESTIONNAIRE

Operator/Principal Name			
Name of Facility			
Address of Landfill			
City		County	Zip
Phone number		Email Address	
PER- AND POLY-FLUOROALKYL SUBSTANCES (PFAS) - CONSTITUENT SCREENING			
1. Do you possess any data or information produced by your facility concerning the presence of PFAS in soil, soil-gas, storm water, leachate, and/or groundwater?		YES	NO
<i>If yes, please describe by attachment and include method of analysis, a summary table of analytical results, as well as the laboratory analytical report.</i>			
2. Has any waste generator supplied data or information that you possess concerning the presence of PFAS in off-site generated waste at your facility?		YES	NO
<i>If yes, please describe by attachment.</i>			
3. Do you possess any data or information that was produced by your facility concerning the presence of PFAS in off-site generated waste at your facility?		YES	NO
<i>If yes, please describe by attachment.</i>			
CERTIFICATION			
<p>This form is only required to be completed if your facility did not accept, discharge, spill, release in any way, or dispose PFAS materials or you have already conducted sampling for PFAS materials. This form and supporting documentation must be uploaded to GeoTracker by the date specified in the Order.</p> <p>I, _____, certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision, and the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant civil penalties for submitting false information.</p> <p>Signature: Title: Date:</p>			

State Water Resources Control Board

ATTACHMENT 3

Fact Sheet – Requirements for Submitting Technical Reports Under Section 13267 of the Water Code

What does it mean when the Regional Water Board or the State Water Board (jointly referred to as the Water Boards) require a technical report?

Section 13267¹ of the Water Code provides that "...the regional board may require that any person who has discharged, discharges, or who is suspected of having discharged or discharging, or who proposes to discharge waste...that could affect the quality of waters...shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires." Additionally, the state water board may carry out the authority granted to a regional board pursuant to Section 13267 if, after consulting with the regional board, the state board determines that it will not duplicate the efforts of the regional board.

This requirement for a technical report seems to mean that I am guilty of something, or at least responsible for cleaning something up. What if that is not so?

The requirement for a technical report is a tool the Water Boards use to investigate water quality issues or problems. The information provided can be used by the Regional Water Board to clarify whether a given party has responsibility.

Are there limits to what the Water Boards can ask for?

Yes. The information required must relate to an actual or suspected or proposed discharge of waste (including discharges of waste where the initial discharge occurred many years ago), and the burden of compliance must bear a reasonable relationship to the need for the report and the benefits obtained. The Water Boards are required to explain the reasons for its request.

What if I can provide the information, but not by the date specified?

A time extension may be given for good cause. Your request should be promptly submitted in writing, giving reasons.

Are there penalties if I don't comply?

Depending on the situation, the Water Boards can impose a fine of up to \$5,000 per day, and a court can impose fines of up to \$25,000 per day as well as criminal penalties. A person who submits false information or fails to comply with a requirement to submit a technical report may be found guilty of a misdemeanor. For some reports, submission of false information may be a felony.

Do I have to use a consultant or attorney to comply?

There is no legal requirement for this, but as a practical matter, in most cases the specialized nature of the information required makes use of a consultant and/or attorney advisable.

If I have more questions, whom do I ask?

Requirements for technical reports include the name, telephone number, and email address of the Regional Water Board staff contact.

¹ All code sections referenced herein can be found by going to www.leginfo.legislature.ca.gov.