

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

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[Regional Board Website](https://www.waterboards.ca.gov/centralvalley) (<https://www.waterboards.ca.gov/centralvalley>)

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**[TENTATIVE] MONITORING & REPORTING PROGRAM  
R5-2020-####**

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**ORDER INFORMATION**

<b>Order Type(s):</b>	Monitoring & Reporting Program (MRP)
<b>Status:</b>	TENTATIVE
<b>Program:</b>	Title 27
<b>Region 5 Office:</b>	Fresno
<b>Discharger(s):</b>	Kings Waste & Recycling Authority
<b>Facility:</b>	Corcoran Landfill
<b>Address:</b>	Southeast of the intersection of Nevada Avenue & SR 43
<b>County:</b>	Kings County
<b>Parcel Nos.:</b>	034-011-023-000
<b>WDID:</b>	5D160302001
<b>Prior Order(s):</b>	R5-2014-0164, 5-00-159, 92-198, 74-108





















## MONITORING & REPORTING PROGRAM

**IT IS HEREBY ORDERED**, pursuant to Water Code section 13267: that all previously issued Monitoring and Reporting Program(s) for the discharge of solid waste at the Facility are rescinded (except for enforcement purposes); and that the Discharger, their agents, employees and successors shall comply with the following Monitoring and Reporting Program (MRP). The Discharger shall not implement any changes until a revised MRP is issued by the Central Valley Water Board or its Executive Officer.

### A. General Provisions

1. **Incorporation of Standard Provisions**—The Discharger shall comply with all relevant provisions of the *Standard Provisions and Reporting Requirements for Nonhazardous Solid Waste Discharges Regulated by Subtitle D and/or Title 27 Municipal Solid Waste Facilities, December 2015 Edition* (SPRRs or Standard Provisions), which are incorporated herein. See, e.g., SPRRs section I (*Standard Monitoring Specifications*) and section J (*Response to Release*).
2. **Monitoring Provisions in WDRs Order**—The Discharger shall comply with all “Monitoring Provisions” in the Facility’s operative Title 27 WDRs Order, which are also incorporated herein.
3. **Compliance with Title 27**—The Discharger shall comply with all of Title 27 provisions as they pertain to activities described in this MRP (including SPRRs).
4. **Sample Collection and Analysis Plan (SCAP)**—All samples shall be collected, preserved and transported in accordance with the approved Sample Collection and Analysis Plan (SCAP) and the Quality Assurance/Quality Control (QA/QC) standards specified therein. The Discharger may use alternative analytical test methods (including new USEPA-approved methods), provided that the alternative methods have method detection limits (MDLs) equal to or lower than the analytical methods specified in this MRP and are identified in the approved SCAP.





monitored in 2015, and shall be analyzed again in 2020. (Title 27, § 20420, subd. (g).)

**Table 4—Groundwater Monitoring, Five-Year COCs**

Five-Year Constituent	GeoTracker Code	Units	Sampling & Reporting Freq.
Total Organic Carbon	TOC	mg/L	Every 5 Years
Dissolved Inorganics (Attachment B)	(various)	µg/L	Every 5 Years
Extended List VOCs (Attachment C)	(various)	µg/L	Every 5 Years
Semi-Volatile Organic Compounds (Attachment D)	(various)	µg/L	Every 5 Years
Chlorophenoxy Herbicides (Attachment E)	(various)	µg/L	Every 5 Years
Organophosphorus Compounds (Attachment F)	(various)	µg/L	Every 5 Years

See Glossary for definitions of terms and abbreviations in table.

- d. **Groundwater Conditions**—Each quarter, the Discharger shall monitor the Groundwater Conditions specified in **Table 5**, with the result of such monitoring being reported semiannually per **Section D.1.**<sup>3</sup> (Title 27, § 20415, subd. (b)(1).)

**Table 5—Groundwater Monitoring, Groundwater Conditions**

Groundwater Condition	GeoTracker Code	Monitoring Freq.	Reporting Freq.
Elevation (Well-Specific)	ELEV	Quarterly	Semiannually
Gradient	(none)	Quarterly	Semiannually
Flow Rate	(none)	Quarterly	Semiannually

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<sup>3</sup> To the extent feasible, this information shall be determined separately for: (1) the uppermost aquifer; (2) any zones of perched water; and (3) any additional zone of saturation monitored based upon water level elevations taken prior to the collection of the water quality data submitted in the report. (Title 27, § 20415, subd. (e)(15).)







therefore be routinely analyzed. (Title 27, §§ 20164, 20395(a), 20420(e)-(f).) For the purposes of this MRP, the Monitoring Parameters are:

- i. For **Groundwater**, those in Table 2 and Table 3; and
- f. **Five-Year COCs**—In addition to the Monitoring Parameters described above, this Order requires the *quinquennial analysis* of samples for a larger range of constituents that are reasonably expected to be found in, or derived from, the waste contained within each unit at the Facility. (Title 27, §§ 20395, 20420(g).) Analytical results for Five-Year COCs were last submitted to the Central Valley Water Board as part of the 2015 Annual Monitoring Report and are due again in 2020. For the purposes of this MRP, the Five-Year COCs are listed in:
  - i. **Attachment B** (*Dissolved Inorganics*);
  - ii. **Attachment C** (*Extended List VOCs*);
  - iii. **Attachment D** (*Semi-Volatile Organic Compounds*);
  - iv. **Attachment E** (*Chlorophenoxy Herbicides*);
  - v. **Attachment F** (*Organophosphorus Compounds*); and
  - vi. Any other COCs listed in **Table 4** (*Groundwater*)
- g. **Concentration Limits**—The Concentration Limit for each COC is the “background concentration,” as determined by the statistical methods outlined in subdivision (e)(8) of Title 27, section 20415.<sup>6</sup> (Title 27, § 20400, subds. (a), (b).) Methods for calculating Concentration Limits were proposed in the most recently approved WQPS Report. The approved methods use interwell tolerance limits.

Concentration Limits shall be proposed and/or updated by the Discharger on an annual basis, in the Annual Monitoring Report (AMR) submitted per **Section D.2** here. Unless expressly rejected

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<sup>6</sup> Concentration Limits are initially proposed by the discharger, then reviewed and approved by the Central Valley Water Board (subject to any necessary revisions). The limits specified herein are approved and incorporated as part of the Facility’s WDRs.











- g. Evaluation as to effectiveness of existing leachate monitoring and control facilities, and runoff/run-on control facilities.
  - h. Summaries of all Regular Visual Inspections conducted per Section C.2 during the reporting period.
  - i. For closed landfills, summaries of inspections, leak searches and final cover repairs conducted in accordance with an approved Post-Closure Maintenance Plan per Standard Provisions G.26-29 (*Standard Closure and Post-Closure Maintenance Specifications*).
  - j. Laboratory statements of results of all analyses evaluating compliance with the WDRs.
- 2. Annual Monitoring Reports (AMRs)**—On **1 February** of each year,<sup>7</sup> the Discharger shall submit an Annual Monitoring Report (AMR) containing following materials and information:
- a. In tabulated format, all monitoring data for which annual reporting is required under this MRP. (See Section D.9.b for additional requirements for monitoring reports.)
  - b. Graphs of historical trends for all Monitoring Parameters and Five-Year COCs (if such analyses were performed) with respect to each monitoring point over the five prior calendar years.<sup>8</sup>
  - c. An evaluation of Monitoring Parameters with regard to the cation/anion balance, and graphical presentation of same in a Stiff diagram, Piper graph or Schoeller plot.
  - d. All historical monitoring data for which there are detectable results, including data for the previous year, shall be submitted in tabular form in a digital file.

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<sup>7</sup> The Annual Monitoring Report may be combined with the Semiannual Monitoring Report for 1 July through 31 December of the same year, provided that the combination is clearly indicated in the title.

<sup>8</sup> Each graph shall contain individual data points (not mean values) and be appropriately scaled to accurately depict statistically significant trends or variations in water quality.







- b. *Map of Monitoring Points*—A map of all groundwater, surface water<sup>10</sup> and unsaturated zone monitoring points (including all background/upgradient and Point of Compliance monitoring points);
- c. *Groundwater Movement*—An evaluation of perennial direction(s) of groundwater movement within the uppermost zone(s);
- d. *Statistical Method for Concentration Limits*—A proposed statistical method for calculating Concentration Limits for Monitoring Parameters and Five-Year COCs (see § B.3.f) detected in at least 10 percent of the background data (naturally-occurring constituents) using a statistical procedure from subdivisions (e)(8)(A)-(D) or (e)(8)(E) of Title 27, section 20415; and
- e. *Retesting Procedure*—A retesting procedure to confirm or deny measurably significant evidence of a release (Title 27, §§ 20415(e)(8)(E), 20420(j)(1)-(3)).

## 9. General Reporting Provisions

- a. **Transmittal Letters**—Each report submitted under this MRP shall be accompanied by a Transmittal Letter providing a brief overview of the enclosed report, as well as the following:
  - i. Any violations found since the last report was submitted, a description of all actions undertaken to correct the violation (referencing any previously submitted time schedules for compliance), and whether the violations were corrected; and
  - ii. A statement from the submitting party, or its authorized agent, signed under penalty of perjury, certifying that, to the best of the signer's knowledge, the contents of the enclosed report are true, accurate and complete.
- b. **Monitoring Data and Reports**
  - i. **Electronic Submission via GeoTracker**—All reports with monitoring data (e.g., SMRs and AMRs) shall be submitted electronically via the State Water Board's [GeoTracker Database](https://geotracker.waterboards.ca.gov) (<https://geotracker.waterboards.ca.gov>). After

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<sup>10</sup> To the extent that surface water monitoring is included in the Detection Monitoring Program.

uploading a report, the Discharger shall notify Central Valley Water Board staff via email at [centralvalleyfresno@waterboards.ca.gov](mailto:centralvalleyfresno@waterboards.ca.gov). The following information shall be included in the body of the email:

<b>Attention:</b>	Title 27 Unit
<b>Report Title:</b>	[Title of Report]
<b>GeoTracker Upload ID:</b>	[Identification Number]
<b>Facility Name:</b>	Corcoran Landfill
<b>County:</b>	Kings County
<b>WDID:</b>	5D160302001

- ii. **Data Presentation and Formatting**—In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, the constituents, the concentrations, and the units are readily discernible. Additionally, data shall be summarized in a manner that clearly illustrates compliance/noncompliance with WDRs.
  - iii. **Non-Detections / Reporting Limits**—Unless the reporting limits (RL) are specified in the same table, non-detections and sub-RL concentrations shall be reported as “< [limit]” (e.g., “< 5 µg/L”).
  - iv. **Units**—Absent specific justification, all monitoring data shall be reported in the units specified herein.
- c. **Compliance with SPRRs**—All reports submitted under this MRP shall comply with applicable provisions of the SPRRs, including those in Section I (*Standard Monitoring Specifications*) and Section J (*Response to Release*).
  - d. **Additional Requirements for Monitoring Reports**—Every monitoring report submitted under this MRP (e.g., SMRs [§ D.1], AMRs [§ D.2]) shall include a discussion of relevant field and laboratory tests, and the results of all monitoring conducted at the site shall be reported to the Central Valley Water Board in accordance with the reporting schedule above for the calendar period in which samples were taken or observations made.
- E. Record Retention Requirements**—The Discharger shall maintain permanent records of all monitoring information, including without limitation: calibration and maintenance records; original strip chart recordings of continuous monitoring instrumentation; copies of all reports required by this MRP; and records of all

data used to complete the application for WDRs. Such records shall be legible, and show the following for each sample:

1. Sample identification and the monitoring point or background monitoring point from which it was taken, along with the identity of the individual who obtained the sample;
2. Date, time and manner of sampling;
3. Date and time that analyses were started and completed, and the name of the personnel and laboratory performing each analysis;
4. A complete list of procedures used (including method of preserving the sample, and the identity and volumes of reagents used);
5. A calculation of results; and
6. The results of all analyses, as well as the MDL and PQL for each analysis (all peaks shall be reported).

#### **LIST OF ATTACHMENTS**

Attachment A—Volatile Organic Compounds, Short-List  
Attachment B—Dissolved Inorganics (Five-Year COCs)  
Attachment C—Volatile Organic Compounds, Extended List (Five-Year COCs)  
Attachment D—Semi-Volatile Organic Compounds (Five-Year COCs)  
Attachment E—Chlorophenoxy Herbicides (Five-Year COCs)  
Attachment F—OrganoPhosphorous Compounds (Five-Year COCs)

## **ENFORCEMENT**

If, in the opinion of the Executive Officer, the Discharger fail to comply with the provisions of this Order, the Executive Officer may refer this matter to the Attorney General for judicial enforcement, may issue a complaint for administrative civil liability, or may take other enforcement actions. Failure to comply with this Order may result in the assessment of Administrative Civil Liability of up to \$10,000 per violation, per day, depending on the violation, pursuant to the Water Code, including sections 13268, 13350 and 13385. The Central Valley Water Board reserves its right to take any enforcement actions authorized by law.

## **ADMINISTRATIVE REVIEW**

Any person aggrieved by this Central Valley Water Board action may petition the State Water Board for review in accordance with Water Code section 13320 and California Code of Regulations, title 23, section 2050 et seq. To be timely, the petition must be received by the State Water Board by 5:00 pm on the 30th day after the date of this Order; if the 30th day falls on a Saturday, Sunday or state holiday, the petition must be received by the State Water Board by 5:00 pm on the next business day. The law and regulations applicable to filing petitions are available on the [State Water Board website](http://www.waterboards.ca.gov/public_notices/petitions/water_quality) ([http://www.waterboards.ca.gov/public\\_notices/petitions/water\\_quality](http://www.waterboards.ca.gov/public_notices/petitions/water_quality)). Copies will also be provided upon request.

## ATTACHMENT A—VOLATILE ORGANIC COMPOUNDS, SHORT-LIST

### USEPA Method 8260B

<b>Constituent</b> .....	<b>GeoTracker Code</b>
Acetone .....	ACE
Acrylonitrile.....	ACRAMD
Benzene .....	BZ
Bromochloromethane .....	BRCLME
Bromodichloromethane .....	BDCME
Bromoform (Tribromomethane).....	TBME
Carbon disulfide .....	CDS
Carbon tetrachloride.....	CTCL
Chlorobenzene .....	CLBZ
Chloroethane (Ethyl chloride).....	CLEA
Chloroform (Trichloromethane) .....	TCLME
Dibromochloromethane (Chlorodibromomethane) .....	DBCME
1,2 Dibromo 3 chloropropane (DBCP).....	DBCP
1,2 Dibromoethane (Ethylene dibromide; EDB) .....	EDB
o Dichlorobenzene (1,2 Dichlorobenzene) .....	DCBZ12
m Dichlorobenzene (1,3 Dichlorobenzene) .....	DCBZ13
p Dichlorobenzene (1,4 Dichlorobenzene) .....	DCBZ14
trans 1,4 Dichloro 2 butene .....	DCBE14T
Dichlorodifluoromethane (CFC-12) .....	FC12
1,1 Dichloroethane (Ethylidene chloride).....	DCA11
1,2 Dichloroethane (Ethylene dichloride).....	DCA12
1,1 Dichloroethylene (1,1 Dichloroethene; Vinylidene chloride) .....	DCE11
cis 1,2 Dichloroethylene (cis 1,2 Dichloroethene) .....	DCE12C
trans 1,2 Dichloroethylene (trans 1,2 Dichloroethene) .....	DCE12T
1,2 Dichloropropane (Propylene dichloride) .....	DCPA12
cis 1,3 Dichloropropene.....	DCP13C
trans 1,3 Dichloropropene .....	DCP13T

**ATTACHMENT A—VOLATILE ORGANIC COMPOUNDS, SHORT-LIST**

Di-isopropylether (DIPE) .....	DIPE
Ethanol .....	ETHANOL
Ethyltertiary butyl ether.....	ETBE
Ethylbenzene .....	EBZ
2 Hexanone (Methyl butyl ketone).....	HXO2
Hexachlorobutadiene .....	HCBU
Methyl bromide (Bromomethene).....	BRME
Methyl chloride (Chloromethane) .....	CLME
Methylene bromide (Dibromomethane) .....	DBMA
Methylene chloride (Dichloromethane).....	DCMA
Methyl ethyl ketone (MEK: 2 Butanone).....	MEK
Methyl iodide (Iodomethane).....	IME
Methyl t-butyl ether.....	MTBE
4-Methyl 2 pentanone (Methyl isobutylketone).....	MIBK
Naphthalene.....	NAPH
Styrene.....	STY
Tertiary amyl methyl ether.....	TAME
Tertiary butyl alcohol .....	TBA
1,1,1,2 Tetrachloroethane .....	TC1112
1,1,2,2 Tetrachloroethane .....	PCA
Tetrachloroethylene (Tetrachloroethene; Perchloroethylene) .....	PCE
Toluene .....	BZME
1,2,4-Trichlorobenzene .....	TCB124
1,1,1 Trichloroethane (Methylchloroform).....	TCA111
1,1,2 Trichloroethane .....	TCA112
Trichloroethylene (Trichloroethene) .....	TCE
Trichlorofluoromethane (CFC 11).....	FC11

1,2,3 Trichloropropane .....	TCPR123
Vinyl acetate.....	VA
Vinyl chloride.....	VC
Xylenes .....	XYLENES



**ATTACHMENT B—DISSOLVED INORGANICS (FIVE-YEAR COCS)**

<b>Constituent / Analytical Method.....</b>	<b>GeoTracker Code</b>
Aluminum, USEPA Method 6010 ..... AL	Zinc, USEPA Method 6010 ..... ZN
Antimony, USEPA Method 7041 ..... SB	Iron, USEPA Method 6010 ..... FE
Barium, USEPA Method 6010 ..... BA	Manganese, USEPA Method 6010 ..... MN
Beryllium, USEPA Method 6010 ..... BE	Arsenic, USEPA Method 7062 ..... AS
Cadmium, USEPA Method 7131A..... CD	Lead, USEPA Method 7421 ..... PB
Chromium, USEPA Method 6010 ..... CR	Mercury, USEPA Method 7470A..... HG
Cobalt, USEPA Method 6010 ..... CO	Nickel, USEPA Method 7521 ..... NI
Copper, USEPA Method 6010 ..... CU	Selenium, USEPA Method 7742 ..... SE
Silver, USEPA Method 6010 ..... AG	Thallium, USEPA Method 7841 ..... TL
Tin, USEPA Method 6010 ..... SN	Cyanide, USEPA Method 9010C..... CN
Vanadium, USEPA Method 6010 ..... V	Sulfide, USEPA Method 9030Bx ..... S

**ATTACHMENT C—VOLATILE ORGANIC COMPOUNDS, EXTENDED LIST  
(FIVE-YEAR COCS)**

**USEPA Method 8260,  
Extended List**

<b>Constituent</b> .....	<b>GeoTracker Code</b>
Acetone .....	ACE
Acetonitrile (Methyl cyanide) .....	ACCN
Acrolein .....	ACRL
Acrylonitrile.....	ACRAMD
Allyl chloride (3 Chloropropene) .....	CLPE3
Benzene .....	BZ
Bromochloromethane (Chlorobromomethane) .....	BRCLME
Bromodichloromethane (Dibromochloromethane).....	DBCME
Bromoform (Tribromomethane).....	TBME
Carbon disulfide .....	CDS
Carbon tetrachloride.....	CTCL
Chlorobenzene .....	CLBZ
Chloroethane (Ethyl chloride).....	CLEA
Chloroform (Trichloromethane) .....	TCLME
Chloroprene .....	CHLOROPRENE
Dibromochloromethane (Chlorodibromomethane) .....	DBCME
1,2 Dibromo 3 chloropropane (DBCP).....	DBCP
1,2 Dibromoethane (Ethylene dibromide; EDB) .....	EDB
o Dichlorobenzene (1,2 Dichlorobenzene) .....	DCBZ12
m Dichlorobenzene(1,3 Dichlorobenzene) .....	DCBZ13
p Dichlorobenzene (1,4 Dichlorobenzene) .....	DCBZ14
trans 1,4 Dichloro 2 butene .....	DCBE14T
Dichlorodifluoromethane (CFC 12).....	FC12
1,1 Dichloroethane (Ethylidene chloride).....	DCA11
1,2 Dichloroethane (Ethylene dichloride).....	DCA12
1,1 Dichloroethylene (1, I Dichloroethene; Vinylidene chloride) .....	DCE11

**ATTACHMENT C—VOLATILE ORGANIC COMPOUNDS, EXTENDED LIST (FIVE-YEAR COCS)**

cis 1,2 Dichloroethylene (cis 1,2 Dichloroethene).....	DCE12C
trans 1,2 Dichloroethylene (trans 1,2 Dichloroethene).....	DCE12T
1,2 Dichloropropane (Propylene dichloride) .....	DCPA12
1,3 Dichloropropane (Trimethylene dichloride).....	DCPA13
2,2 Dichloropropane (Isopropylidene chloride).....	DCPA22
1,1 Dichloropropene .....	DCP11
cis 1,3 Dichloropropene.....	DCP13C
trans 1,3 Dichloropropene .....	DCP13T
Di-isopropylether (DIPE) .....	DIPE
Ethanol.....	ETHANOL
Ethyltertiary butyl ether.....	ETBE
Ethylbenzene .....	EBZ
Ethyl methacrylate.....	EMETHACRY
Hexachlorobutadiene .....	HCBU
2 Hexanone (Methyl butyl ketone).....	HXO2
Isobutyl alcohol .....	ISOBTOH
Methacrylonitrile .....	METHACRN
Methyl bromide (Bromomethane).....	BRME
Methyl chloride (Chloromethane) .....	CLME
Methyl ethyl ketone (MEK; 2 Butanone).....	MEK
Methyl iodide (Iodomethane).....	IME
Methyl t-butyl ether.....	MTBE
Methyl methacrylate .....	MMTHACRY
4 Methyl 2 pentanone (Methyl isobutyl ketone) .....	MIBK
Methylene bromide (Dibromomethane) .....	DBMA
Methylene chloride (Dichloromethane).....	DCMA
Naphthalene.....	NAPH
Propionitrile (Ethyl cyanide).....	PACN
Styrene.....	STY
Tertiary amyl methyl ether.....	TAME

**ATTACHMENT C—VOLATILE ORGANIC COMPOUNDS, EXTENDED LIST (FIVE-YEAR COCS)**

Tertiary butyl alcohol .....	TBA
1,1,1,2 Tetrachloroethane .....	TC1112
1,1,2,2 Tetrachloroethane .....	PCA
Tetrachloroethylene (Tetrachloroethene; Perchloroethylene; PCE) .....	PCE
Toluene .....	BZME
1,2,4 Trichlorobenzene.....	TCB124
1,1,1 Trichloroethane (Methylchloroform).....	TCA111
1,1,2 Trichloroethane .....	TCA112
Trichloroethylene (Trichloroethene; TCE) .....	TCE
Trichlorofluoromethane (CFC 11).....	FC11
1,2,3 Trichloropropane .....	TCPR123
Vinyl acetate.....	VA
Vinyl chloride (Chloroethene) .....	VC
Xylene (total) .....	XYLENES

**ATTACHMENT D—SEMI-VOLATILE ORGANIC COMPOUNDS (FIVE-YEAR COCS)**

**USEPA Methods 8270C or 8270D  
(Base, Neutral & Acid Extractables)**

<b>Constituent .....</b>	<b>GeoTracker Code</b>
Acenaphthene .....	ACNP
Acenaphthylene .....	ACNPY
Acetophenone .....	ACPHN
2 Acetylaminofluorene (2 AAF) .....	ACAMFL2
Aldrin .....	ALDRIN
4 Aminobiphenyl.....	AMINOBPH4
Anthracene.....	ANTH
Benzo[a]anthracene (Benanthracene).....	BZAA
Benzo[b]fluoranthene .....	BZBF
Benzo[k]fluoranthene .....	BZKF
Benzo[g,h,i]perylene.....	BZGHIP
Benzo[a]pyrene .....	BZAP
Benzyl alcohol.....	BZLAL
Bis(2 ethylhexyl) phthalate .....	BIS2EHP
alpha BHC.....	BHCALPHA
beta BHC.....	BHCBETA
delta BHC.....	BHCDELTA
gamma BHC (Lindane).....	BHCGAMMA
Bis(2 chloroethoxy) methane.....	BECEM
Bis(2 chloroethyl) ether (Dichloroethyl ether) .....	BIS2CEE
Bis(2 chloro 1 methylethyl) ether (Bis(2 chloroisopropyl) ether; DCIP) .....	BIS2CIE
4 Bromophenyl phenyl ether .....	BPPE4
Butyl benzyl phthalate (Benzyl butyl phthalate).....	BBP
Chlordane.....	CHLORDANE
p Chloroaniline .....	CLANIL4
Chlorobenzilate .....	CLBZLATE

**ATTACHMENT D—SEMI-VOLATILE ORGANIC COMPOUNDS (FIVE-YEAR COCS)**

p Chloro m cresol (4 Chloro 3 methylphenol) .....	C4M3PH
2 Chloronaphthalene .....	CNPH2
2 Chlorophenol .....	CLPH2
4 Chlorophenyl phenyl ether .....	CPPE4
Chrysene .....	CHRYSENE
o Cresol (2 methylphenol) .....	MEPH2
m Cresol (3 methylphenol) .....	MEPH3
p Cresol (4 methylphenol) .....	MEPH4
4,4' DDD .....	DDD44
4,4' DDE .....	DDE44
4,4' DDT .....	DDT44
Diallate .....	DIALLATE
Dibenz[a,h]anthracene .....	DBAHA
Dibenzofuran .....	DBF
Di n butyl phthalate .....	DNBP
3,3' Dichlorobenzidine .....	DBZD33
2,4 Dichlorophenol .....	DCP24
2,6 Dichlorophenol .....	DCP26
Dieldrin .....	DIELDRIN
Diethyl phthalate .....	DEPH
p (Dimethylamino) azobenzene .....	PDMAABZ
7,12 Dimethylbenz[a]anthracene .....	DMBZA712
3,3' Dimethylbenzidine .....	DMBZD33
2,4 Dimehtylphenol (m Xylenol) .....	DMP24
Dimethyl phthalate .....	DMPH
m Dinitrobenzene .....	DNB13
4,6 Dinitro o cresol (4,6 Dinitro 2 methylphenol) .....	DN46M
2,4 Dinitrophenol .....	DNP24
2,4 Dinitrotoluene .....	DNT24
2,6 Dinitrotoluene .....	DNT26

**ATTACHMENT D—SEMI-VOLATILE ORGANIC COMPOUNDS (FIVE-YEAR COCS)**

Di n octyl phthalate.....	DNOP
Diphenylamine .....	DPA
Endosulfan I .....	ENDOSULFANA
Endosulfan II .....	ENDOSULFANB
Endosulfan sulfate.....	ENDOSULFANS
Endrin.....	ENDRIN
Endrin aldehyde .....	ENDRINALD
Ethyl methanesulfonate.....	EMSULFN
Famphur.....	FAMPHUR
Fluoranthene .....	FLA
Fluorene .....	FL
Heptachlor.....	HEPTACHLOR
Heptachlor epoxide .....	HEPT-EPOX
Hexachlorobenzene .....	HCLBZ
Hexachlorocyclopentadiene .....	HCCP
Hexachloroethane .....	HCLEA
Hexachloropropene .....	HCPR
Indeno(1,2,3 c,d) pyrene .....	INP123
Isodrin .....	ISODRIN
Isophorone .....	ISOP
Isosafrole.....	ISOSAFR
Kepone.....	KEP
Methapyrilene.....	MTPYRLN
Methoxychlor.....	MTXYCL
3 Methylcholanthrene .....	MECHLAN3
Methyl methanesulfonate .....	MMSULFN
2 Methylnaphthalene .....	MTNPH2
1,4 Naphthoquinone .....	NAPHQ14
1 Naphthylamine .....	AMINONAPH1
2 Naphthylamine .....	AMINONAPH2

**ATTACHMENT D—SEMI-VOLATILE ORGANIC COMPOUNDS (FIVE-YEAR COCS)**

o Nitroaniline (2 Nitroaniline) .....	NO2ANIL2
m Nitroaniline (3 Nitroaniline) .....	NO2ANIL3
p Nitroaniline (4 Nitroaniline) .....	NO2ANIL4
Nitrobenzene .....	NO2BZ
o Nitrophenol (2 Nitrophenol) .....	NTPH2
p Nitrophenol (4 Nitrophenol) .....	NTPH4
N Nitrosodi n butylamine (Di n butylNitrosamine) .....	NNSBU
N Nitrosodiethylamine (DiethylNitrosamine) .....	NNSE
N Nitrosodimethylamine (DimethylNitrosamine) .....	NNSM
N Nitrosodiphenylamine (DiphenylNitrosamine) .....	NNSPH
N Nitrosodipropylamine (N Nitroso N dipropylamine; Di n propylNitrosamine) .....	NNSPR
N Nitrosomethylethylamine (MethylethylNitrosamine).....	NNSME
N Nitrosopiperidine.....	NNSPPRD
N Nitrosopyrrolidine .....	NNSPYRL
5 Nitro o toluidine .....	TLDNONT5
Pentachlorobenzene .....	PECLBZ
Pentachloronitrobenzene (PCNB).....	PECLNO2BZ
Pentachlorophenol .....	PCP
Phenacetin .....	PHNACTN
Phenanthrene.....	PHAN
Phenol.....	PHENOL
p Phenylendiamine.....	ANLNAM4
Polychlorinated biphenyls (PCBs; Aroclors) .....	PCBS
Pronamide.....	PRONAMD
Pyrene.....	PYR
Safrole.....	SAFROLE
1,2,4,5 Tetrachlorobenzene .....	C4BZ1245
2,3,4,6 Tetrachlorophenol .....	TCP2346
o Toluidine.....	TLDNO
Toxaphene .....	TOXAP



KINGS WASTE & RECYCLING AUTHORITY

CORCORAN LANDFILL

KINGS COUNTY

**ATTACHMENT D—SEMI-VOLATILE ORGANIC COMPOUNDS (FIVE-YEAR COCS)**

2,4,5 Trichlorophenol.....	TCP245
0,0,0 Triethyl phosphorothioate .....	TEPTH
sym Trinitrobenzene.....	TNB135

**ATTACHMENT E—CHLOROPHENOXY HERBICIDES (FIVE-YEAR COCS)**

**USEPA Method 8151A**

<b>Constituent .....</b>	<b>GeoTracker Code</b>
Atrazine .....	ATRAZINE
Chlorpyrifos .....	CLPYRIFOS
0,0-Diethyl 0-2-pyrazinyl phosphorothioate (Thionazin) .....	ZINOPHOS
Diazinon .....	DIAZ
Dimethoate .....	DIMETHAT
Disulfoton.....	DISUL
Methyl parathion (Parathion methyl) .....	PARAM
Parathion .....	PARAE
Phorate.....	PHORATE
Simazine.....	SIMAZINE

**ATTACHMENT F—ORGANOPHOSPHOROUS COMPOUNDS (FIVE-YEAR COCS)**

**USEPA Method 8141B**

<b>Constituent .....</b>	<b>GeoTracker Code</b>
2,4 D (2,4 Dichlorophenoxyacetic acid).....	24D
Dinoseb (DNBP; 2 sec Butyl 4,6 dinitrophenol) .....	DINOSEB
Silvex (2,4,5 Trichlorophenoxypropionic acid; 2,4,5 TP) .....	SILVEX
2,4,5 T (2,4,5 Trichlorophenoxyacetic acid) .....	245T