



# **Central Valley Regional Water Quality Control Board**

28 December 2018

Lance Roberts City of Lodi, Utilities Manager 1331 South Ham Lane Lodi, CA 95242 CERTIFIED MAIL 91 7199 9991 7039 7041 3404

## NOTICE OF APPLICABILITY

# STATE WATER RESOURCES CONTROL BOARD ORDER WQ 2016-0068-DDW WATER RECLAMATION REQUIREMENTS FOR RECYCLED WATER USE CITY OF LODI WHITE SLOUGH WATER POLLUTION CONTROL FACILITY SAN JOAQUIN COUNTY

Central Valley Regional Water Quality Control Board (Central Valley Water Board) staff reviewed the City of Lodi's (Discharger's) Notice of Intent (NOI), dated 15 August 2018, for regulatory coverage under Water Quality Order WQ 2016-0068-DDW, *Water Reclamation Requirements for Recycled Water Use* (hereafter, General Order) for the Discharger's Water Pollution Control Facility (WPCF). The NOI included the *Title 22 Engineering Report*, dated August 2016. The Division of Drinking Water issued an approval letter for the City of Lodi's Title 22 Engineering Report on 5 September 2018 which stated the report is complete and in compliance with Title 22 regulations. Based on the information provided in the NOI, the discharge is eligible for coverage under the General Order. This letter serves as formal notice that the General Order is applicable to your system and the discharge described below. You are hereby assigned General Order WQ 2016-0068-DDW-R5007.

You should familiarize yourself with the entire General Order and its attachments enclosed with this letter, which describe mandatory discharge and monitoring requirements. Sampling, monitoring, and reporting requirements applicable to your treatment and disposal methods must be completed in accordance with the appropriate treatment system sections of the General Order and the attached *Monitoring and Reporting Program* (MRP) No. WQ 2016-0068-DDW-R5007. The MRP was developed after consideration of your waste characterization and site conditions described in the attached memorandum.

#### **FACILITY AND DISCHARGE DESCRIPTION**

The WPCF is located approximately four miles west of the City of Lodi at 12751 N. Thornton Road in San Joaquin County. The Discharger owns and operates two separate wastewater collection systems, a municipal wastewater system and an industrial wastewater line that collects primarily food processing wastewater primarily from a local cannery.

KARL E. LONGLEY ScD, P.E., CHAIR | PATRICK PULUPA, Esq., EXECUTIVE OFFICER

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The municipal wastewater treatment process consists of a conventional activated sludge system with nitrification and denitrification and tertiary treatment using filtration and ultraviolet light pathogen deactivation (UV Disinfection). Tertiary treated wastewater is discharged to the Sacramento-San Joaquin River Delta at Dredger Cut, which is currently regulated under Order R5-2013-0125-01 (NPDES No. CA0079243).

Undisinfected secondary treated municipal wastewater is pumped to the Discharger's 40-acres of storage ponds and land application areas (LAAs). Tertiary level treated municipal wastewater that complies with Title 22, Uses of Recycled Water, is supplied to the San Joaquin County Vector District and the Northern California Power Agency. Wastewater from the industrial line is either discharged to the LAAs during the irrigation season or mixed with the secondary treated effluent stored in the ponds during the non-irrigation season. Discharges to the storage ponds and LAAs, the tertiary treated recycled water, and the industrial wastewater line are regulated under Order R5-2013-0126-01.

#### **FACILITY CHANGES**

The Discharger plans to construct a new Tertiary Storage Pond and Fill Station within the Discharger-owned property for recycled water storage and additional uses of recycled water from the WPCF. The Tertiary Storage Pond and Fill Station is regulated under this NOA (Order No. 2016-0068-DDW-R5007). The Tertiary Storage Pond, also referred to as Storage Pond 5, will be located in the western portion of the facility, as shown on Attachment A. The pond will have a design capacity of approximately 98 million gallons with a maximum working depth of 8.8 feet. The pond will have a dedicated supply line from the final effluent from the treatment facility and will only receive recycled water that meets "Disinfected Tertiary Recycled Water" standards under Title 22. Until the construction of the new Fill Station is complete, recycled water in the Tertiary Storage Pond will be applied to the LAAs regulated under Order R5-2013-0126-01.

Recycled water diversions to the Tertiary Storage Pond will occur generally between November and March of each year. Estimated flow rates to the pond are shown below.

Estimated Flow Rates to the

| lertiary Storage Pond    |       |  |  |  |
|--------------------------|-------|--|--|--|
| Month                    | GPM   |  |  |  |
| January                  | 50    |  |  |  |
| February                 | 60    |  |  |  |
| March                    | 220   |  |  |  |
| April                    |       |  |  |  |
| May                      |       |  |  |  |
| June                     |       |  |  |  |
| July                     |       |  |  |  |
| August                   |       |  |  |  |
| September                |       |  |  |  |
| October                  |       |  |  |  |
| November                 | 1,700 |  |  |  |
| December                 | 550   |  |  |  |
| GPM = gallons per minute |       |  |  |  |
| = no anticipated flow    |       |  |  |  |

White Slough Water Pollution Control Facility

The Discharger will be able to return water stored in the Tertiary Storage Pond upstream of the filter facility and treat the diverted water through the filtration and UV disinfection processes. This allows the Discharger to direct additional disinfected tertiary recycled water to the approved users (San Joaquin County Vector District and the Northern California Power Agency).

The new Fill Station will be used to provide disinfected tertiary recycled water to permitted City trucks and commercial haulers. The Fill Station will be located at the facility, adjacent to the treatment facilities, as shown on Attachment A.

City-owned trucks and commercial haulers permitted through the Discharger's User Permit program will be allowed access to the Fill Station. An automated access control system will be used to ensure only permitted users will be allowed access recycled water stored in the Fill Station facilities. The User Permit will specify allowed uses of the recycled water, which may include the following:

- Irrigation of landscaping, golf courses, crops, pasture, or nursery stock
- Use in recreational or landscape impoundments (provided they are not connected to surface waters)
- Use for industrial or commercial cooling purposes
- Industrial process water
- Industrial boiler feed
- Construction activities such as: backfill consolidation, soil compaction, mixing concrete, dust control
- Fire fighting
- Decorative fountains
- Commercial car washes
- Dust control or cleaning roads, sidewalks and outdoor work areas
- Flushing sanitary sewers
- General dust control

Fill Station Users will be permitted by the Discharger and required to use tanker trucks that are dedicated to non-potable uses only. Users will apply water from the trucks using attached hoses. These trucks, hoses, and appurtenances will be labeled with notice stickers provided by the Discharger indicating their use for recycled water applications and will not be used for any potable water applications.

#### **RECYCLED WATER PROGRAM**

The Discharger will be responsible for the administration of their Recycled Water Program authorized pursuant to this General Order, including the requirements of Title 22. The Discharger is the recycled water producer and distributer and is responsible for all permit requirements related to the production and distribution of recycled water to recycled water users within the boundaries of all approved service areas defined by the Discharger. Recycled water users will be required to obtain a permit for recycled water from the Discharger.

#### **GENERAL INFORMATION AND REQUIREMENTS**

The Discharger shall comply with the Prohibitions, Specifications, Water Recycling Administration Requirements, and General Provisions of the General Order. Please review this NOA carefully to

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ensure that it completely and accurately reflects the proposed Recycled Water Program. If the discharge violates the terms or conditions, the Central Valley Water Board may take enforcement action, including the assessment of an administrative civil liability. Failure to abide by the conditions of the General Order, including its monitoring and reporting requirements, and this letter authorizing applicability could result in enforcement actions, as authorized by provisions of the California Water Code.

The required annual fee specified in the annual billing from the State Water Board shall be paid until this NOA is officially terminated. The City must submit in writing a Notice of Termination following completion or cessation of the discharge.

#### RECYCLED WATER USE AREA MONITORING AND REPORTING REQUIREMENTS

Recycled water production, disinfection, storage, and use shall be monitored in accordance with the attached Monitoring and Reporting Program (MRP). When monitoring requirements listed in the General Order's MRP duplicate existing requirements under other WDRs or waivers, duplication of sampling and monitoring is not required if the monitoring activity satisfies the requirements of the General Order. The results of such monitoring shall also be included as part of the annual report, required by this General Order's MRP. The annual report is due by 1 April following the monitoring year.

#### **DOCUMENT SUBMITTAL**

All monitoring reports and other correspondence should be converted to searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50 MB should be emailed to:

centralvalleysacramento@waterboards.ca.gov.

To ensure that your submittal is routed to the appropriate staff person, the following information should be included in the body of the email or any documentation submitted to the mailing address for this office:

| Facility Name: City of Lodi, White Slough Water Pollution Control Facility, San Joaquin County |                               |                        |  |  |
|--|-------------------------------|------------------------|--|--|
| Program: Non-15 Compliance   | Order: WQ 2016-0068-DDW-R5007 | CIWQS Place ID: 272444 |  |  |

Documents that are 50 MB or larger should be copied to a CD, DVD, or flash drive and mailed to:

Central Valley Regional Water Quality Control Board ECM Mailroom 11020 Sun Center Drive, Suite 200 Rancho Cordova, CA 95670

City of Lodi

White Slough Water Pollution Control Facility

Now that the Notice of Applicability has been issued, the Board's Compliance and Enforcement section will take over management of your case. Brendan Kenny is your new point of contact for any questions about the General Order. If you find it necessary to make a change to your permitted operations, Brendan will direct you to the appropriate Permitting staff. You may contact Brendan at (916) 464-4635 or at *bkenny@waterboards.ca.gov*.

--original signed by--

Patrick Pulupa Executive Officer

Enc: WQ Order 2016-0068-DDW

Monitoring and Reporting Program WQ 2016-0068-DDW-R5007

Attachment A, Site Location Map and Site Plan

cc w/o enc: Tim O'Brien, State Water Resources Control Board, Sacramento

San Joaquin Environmental Health Department, Stockton Bhupinder Sahota, Division of Drinking Water, Stockton

# CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD CENTRAL VALLEY REGION

#### MONITORING AND REPORTING PROGRAM WQ 2016-0068-DDW-R5007

FOR

# CITY OF LODI WHITE SLOUGH WATER POLLUTION CONTROL FACILITY SAN JOAQUIN COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for monitoring portions of the wastewater treatment system at the White Slough Water Pollution Control Facility (WPCF) regulated by the Notice of Applicability (NOA) of Water Quality Order WQ 2016-0068-DDW-R5007. The White Slough WPCF is owned and operated by the City of Lodi (the Discharger). This MRP is issued pursuant to Water Code section 13267. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) or Executive Officer.

Water Code section 13267 states, in part:

"In conducting an investigation specified in subdivision (a), the regional board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. 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 13268 states, in part:

- "(a) Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of section 13267 or failing or refusing to furnish a statement of compliance as required by subdivision (b) of section 13399.2, or falsifying any information provided therein, is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b).
- (b)(1) Civil liability may be administratively imposed by a regional board in accordance with article 2.5 (commencing with section 13323) of chapter 5 for a violation of subdivision (a) in an amount which shall not exceed one thousand dollars (\$1,000) for each day in which the violation occurs."

Pursuant to Water Code section 13267, the Discharger shall implement this MRP and submit the monitoring reports described herein. The reports are necessary to ensure that the Discharger complies with the NOA and General Order.

All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. The name of the sampler, sample type (grab or composite), time, date,

location, bottle type, and any preservative used for each sample shall be recorded on the sample chain of custody form. The chain of custody form must also contain all custody information including date, time, and to whom samples were relinquished. If composite samples are collected, the basis for sampling (time or flow weighted) shall be approved by Central Valley Water Board staff.

Field test instruments (such as those used to test pH, dissolved oxygen, and electrical conductivity) may be used provided that they are used by a State Water Resources Control Board, Environmental Laboratory Accreditation Program certified laboratory, or:

- 1. The user is trained in proper use and maintenance of the instruments;
- 2. The instruments are field calibrated prior to monitoring events at the frequency recommended by the manufacturer;
- 3. Instruments are serviced and/or calibrated by the manufacturer at the recommended frequency; and
- 4. Field calibration reports are maintained and available for at least three years.

#### **POND MONITORING**

At a minimum, the Discharger shall monitor the Tertiary Storage Pond as specified below:

| Parameter      | Units    | Type of Sample | Monitoring<br>Frequency | Reporting Frequency |
|----------------|----------|----------------|-------------------------|---------------------|
| Freeboard      | 0.1 feet | Staff Gage     | Quarterly               | Annually            |
| Berm Condition |          | Observation    | Quarterly               | Annually            |
| Odors          |          | Observation    | Quarterly               | Annually            |

#### **DISINFECTION SYSTEM MONITORING**

Samples shall be collected immediately downstream of the disinfection system and prior to discharging to the Tertiary Storage Pond. When monitoring requirements listed in this MRP duplicate existing requirements under other WDRs or waivers, duplication of sampling and monitoring is not required if the monitoring activity satisfies the requirements of the General Order and this MRP. The results of such monitoring shall also be included as part of the annual report required by this MRP. Disinfection monitoring shall include the following:

| Parameter                | Units      | Type of Sample | Monitoring<br>Frequency | Reporting<br>Frequency |
|--------------------------|------------|----------------|-------------------------|------------------------|
| Total Coliform Organisms | MPN/100 mL | Grab           | Daily 1                 | Quarterly              |
| Turbidity                | NTU        | Meter          | Continuous              | Quarterly              |

<sup>&</sup>lt;sup>1</sup> Daily monitoring shall occur on days that recycled water is being discharged to the Tertiary Storage Pond.

MPN/100 mL = most probable number per 100 mL sample

NTU = nephelometric turbidity unit

#### **USE AREA MONITORING**

The Discharger will designate an Administrator who shall monitor use areas(s) at a frequency appropriate to determine compliance with this General Order and the recycled water use program requirements. The Administrator may assign monitoring responsibilities to a User as part of the Water Recycling Use Permit program; the Administrator retains responsibility to ensure the data is collected, as well as prepare and submit the annual report.

The following shall be recorded for each user with additional reporting for use areas as appropriate. The frequency of use area inspections shall be based on the complexity and risk of each use area. Use areas may be aggregated to combine acreage for calculation or observation purposes. Use area monitoring shall include the following parameters:

| Parameter                       | Units            | Sample<br>Type | Sampling<br>Frequency | Reporting<br>Frequency |
|---------------------------------|------------------|----------------|-----------------------|------------------------|
| Recycled Water User             |                  |                |                       | Annually               |
| Recycled Water Flow             | gpd              | Meter 1        | Monthly               | Annually               |
| Acreage Applied <sup>2</sup>    | acres            | Calculated     |                       | Annually               |
| Application Rate                | inches/acre/year | Observation    |                       | Annually               |
| Soil Saturation/Ponding         |                  | Observation    | Quarterly             | Annually               |
| Nuisance Odors/Vectors          |                  | Observation    | Quarterly             | Annually               |
| Discharge Off-Site              |                  | Observation    | Quarterly             | Annually               |
| Notification Signs <sup>3</sup> |                  | Observation    | Quarterly             | Annually               |

- Meter requires meter reading, a pump run time meter, or other approved method.
- <sup>2</sup> Acreage applied denotes the acreage to which recycled water is applied.
- Notification signs shall be consistent with the requirements of California Code of Regulations, Title 22, section 60306 (g)

#### REPORTING

In reporting monitoring data, the Administrator shall arrange the data in tabular form so that the date, data type (e.g., flow rate, bacteriological, etc.), and reported analytical or visual inspection results are readily discernible. The data shall be summarized to illustrate compliance with this General Order and NOA as applicable. The results of any monitoring done more frequently than required at the locations specified in the MRP shall be reported in the next regularly scheduled monitoring report and shall be included in calculations as appropriate.

All monitoring reports should be converted to a searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50MB should be emailed to: centralvalleysacramento@waterboards.ca.gov.

Documents that are 50 MB or larger should be transferred to a CD, DVD, or flash drive and mailed to the following address:

Central Valley Regional Water Quality Control Board ECM Mailroom 11020 Sun Center Drive, Suite 200 Rancho Cordova, California 95670

To ensure that your submittal is routed to the appropriate staff person, the following information

should be included in the body of the email or transmittal sheet:

Attention: Compliance/Enforcement Section

City of Lodi

White Slough WPCF San Joaquin County Place ID: 272444

Monitoring information shall include the method detection limit (MDL) and the Reporting limit (RL) or practical quantitation limit (PQL). If the regulatory limit for a given constituent is less than the RL (or PQL), then any analytical results for that constituent that are below the RL (or PQL) but above the MDL shall be reported and flagged as estimated. For a Discharger conducting any of its own analyses, reports must be signed and certified by the chief of the laboratory.

### A. Quarterly Monitoring Reports

Quarterly reports shall be submitted to the Regional Water Board on the **first day of the second month after the quarter ends** (e.g., the January-March Quarterly Report is due by May 1<sup>st</sup>). The reports shall bear the certification and signature of the Discharger's authorized representative. At a minimum, the quarterly reports shall include:

- 1. Results of all required quarterly monitoring. Data shall be organized by the associated monitoring section (Disinfection System Monitoring) and presented in tabular format.
- 2. A comparison of monitoring data to the discharge specifications and requirements.
- 3. A disclosure of any violations of the NOA and/or General Order requirements and an explanation of corrective actions.
- 4. If requested by staff, copies of laboratory analytical report(s) and chain of custody form(s).

#### **B.** Annual Report

Annual Reports shall be submitted to the Regional Water Board by **April 1**st **following the monitoring year**. The Annual Report shall include the following:

- A summary table of all recycled water Users and use areas. Maps may be included to identify use areas. Newly permitted recycled water Users and use areas shall be identified. When applicable, supplement to the Title 22 Engineering Report and the State Water Board approval letter supporting those additions shall be included.
- 2. A summary table of all inspections and enforcement activities initiated by the Administrator. Include a discussion of compliance and the corrective action taken, as well as any planned or proposed actions needed to bring the discharge into compliance with the NOA and/or General Order. Copies of documentation of any enforcement actions taken by the Administrator shall be provided.
- 3. An evaluation of the performance of the recycled water treatment facility, including discussion of capacity issues, system problems, and a forecast of the flows anticipated in the next year.
- 4. Tabular and graphical summaries of all monitoring data collected during the year, including priority pollutant monitoring, if required.

5. The name and contact information for the recycled water operator responsible for operation, maintenance, and system monitoring.

A letter transmitting the monitoring reports shall accompany each report. The letter shall report violations found during the reporting period, and actions taken or planned to correct the violations and prevent future violations. The transmittal letter shall contain the following penalty of perjury statement and shall be signed by the Discharger or the Discharger's authorized agent:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

The Discharger shall implement the above monitoring program as of the date of this MRP.

I, PATRICK PULUPA, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of a Monitoring and Reporting Program issued by the California Regional Water Quality Control Board, Central Valley Region on 28 December 2018.

--original signed by-PATRICK PULUPA. Executive Officer

#### **GLOSSARY**

BOD<sub>5</sub> Five-day biochemical oxygen demand

CaCO3 Calcium carbonate

DO Dissolved oxygen

EC Electrical conductivity at 25° C

FDS Fixed dissolved solids

NTU Nephelometric turbidity unit

TKN Total Kjeldahl nitrogen
TDS Total dissolved solids
TSS Total suspended solids

Continuous The specified parameter shall be measured by a meter continuously.

24-hr Composite Samples shall be a flow-proportioned composite consisting of at least eight

aliquots over a 24-hour period.

Daily Every day except weekends or holidays.

Twice Weekly Twice per week on non-consecutive days.

Weekly Once per week.

Twice Monthly Twice per month during non-consecutive weeks.

Monthly Once per calendar month.

Bimonthly Once every two calendar months (i.e., six times per year) during non-

consecutive months.

Quarterly Once per calendar quarter.

Semiannually Once every six calendar months (i.e., two times per year) during non-

consecutive quarters.

Annually Once per year.

mg/L Milligrams per liter

mL/L Milliliters [of solids] per liter

μg/L Micrograms per liter

µmhos/cm Micromhos per centimeter

gpd Gallons per day

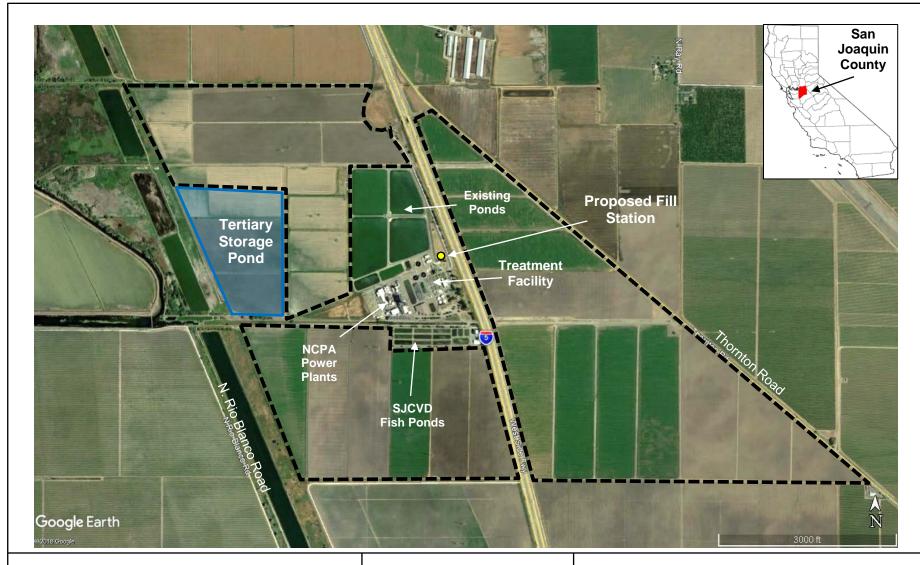
mgd Million gallons per day

MPN/100 mL Most probable number [of organisms] per 100 milliliters

MTF Multiple tube fermentation

# Appendix A to 40 CFR, Part 423--126 Priority Pollutants

| 002 Acroleim         048 Dichlorobromomethane         091 Chlorodane (technical mixture and metabolites)           003 Acrylomitrile         051 Chlorodalbromomethane         092 Hexachlorobutadiene         093 4.4-DDT           005 Benzidine         053 Hexachloromyclopentadiene         093 4.4-DDT         093 4.4-DDT           006 Carbon tetrachloride (tetrachloromethane)         055 Naphthalene         095 Alpha-endosulfan         094 4.4-DDD (p.p-TDE)           007 Chlorobenzene         058 Nitrobenzene         058 Mitrobenzene         095 Alpha-endosulfan           008 L2,4-trichlorobenzene         057 2-nitrophenol         097 Endosulfan sulfate           001 12,4-dichlorochane         063 M-nitrosodimethylamine         098 Endrain           012 Hexachlorochane         061 N-nitrosodimethylamine         099 Endrain alehyde           014 1,1,2-trichlorochane         061 N-nitrosodimethylamine         061 N-nitrosodimethylamine         099 Endosulfan           015 2,4-dichlorochane         063 N-nitrosodihenylamine         064 Pentachlorophenol         064 Pentachlorophenol         065 Blis(2-chlorochylamine           018 Bis(2-chlorochyl) vinyl ether (mixed)         068 Di-N-Busyl phthalate         067 Busyl Partyl phthalate         067 Busyl Partyl phthalate         067 Di-nocyt) phthalate         067 Di-nocyt) phthalate         070 Diethyl Phthalate         070 Diethyl Phthalate         070 Diethyl Phthalate   |                                   |   |                                       |
|--|-----------------------------------|---|---------------------------------------|
| 003 Agrylonitrile         051 Chlorodibromomethane         metabolites)           004 Benzene         052 Hexachlorobutadiene         092 4,4-DDT           005 Benzidine         053 Hexachlorobutadiene         093 4,4-DDT (pp-DDX)           006 Carbon tetrachloride (tetrachloromethane)         054 Isophorone         094 4,4-DDD (pp-DDX)           007 Chlorobenzene         055 Naphthalene         095 Alpha-endosulfan           007 Chlorobenzene         056 Nitrobenzene         095 Edu-andosulfan           008 Hexachlorobenzene         057 2-nitrophenol         097 Endosulfan           009 Hexachlorobenzene         058 4-nitrophenol         098 Endrin           001 1, 2-dichloroethane         060 4,6-dimitro-o-cresol         098 Endrin           011 1,1,1-trichloroethane         061 N-nitrosodimentylamine         100 Heptachlor           012 Hexachloroethane         063 N-nitrosodiphenylamine         100 Heptachlor           015 1,1,2-2 tetrachloroethane         063 Bis-2-biforoethyl) ether         065 Bis/2-ethylhexyl) phthalate         100 Heptachlor           012 2-4,6-frichlorophenol         065 Bis/2-buyl phthalate         100 Belthyl Phthalate         100 Gelthyl Grobanzien           021 2-4,6-frichlorophenol         070 Diethyl Phthalate         107 Dimethyl phthalate         107 Dimethyl phthalate           022 1, 3-dichlorobenzene         071  | 001 Acenaphthene                  | 047 Bromoform (tribromomethane)           | 090 Dieldrin                          |
| 004 Benzene         052 Hexachlorobutadiene         092 4,4-DDT           005 Benzidine         053 Hexachloromyclopentadiene         093 4,4-DDE (p.p-DDX)           006 Carbon tetrachloride (tetrachloromethane)         053 Hexachloromyclopentadiene         094 4,4-DDE (p.p-DDX)           007 Chlorobenzene         055 Nitrobenzene         095 Alpha-endosulfan           008 1,2-4-trichlorobenzene         057 2-nitrophenol         097 Endosulfan sulfate           009 Hexachlorotehane         059 2,4-dimitrophenol         098 Ending           010 1,2-dichloroethane         059 2,4-dimitrophenol         099 Endiria aldehyde           011 1,1,1-trichloroethane         061 N-nitrosodimethylamine         099 Endria aldehyde           012 1,1-dichloroethane         061 N-nitrosodimethylamine         (BHC-hexachloroeyclobexane)           013 1,1-dichloroethane         062 N-nitrosodimethylamine         (BHC-hexachloroeyclobexane)           015 1,1,2-dicthloroethane         063 N-nitrosodinethylamine         (BHC-hexachloroeyclobexane)           016 Chloroethane         065 Phenol         064 Pentachloropylamine         065 Phenol           018 Bis(2-chloroethyl vinyl ether (mixed)         067 Enbenol         068 Dix-N-BBUJ Phthalate         105 Delta-BHC (PCB-polychlorinated biphenyls)           019 22 Parachlorometa cresol         069 Dix-n-octyl phthalate         107 Delta/Phthalate <td< td=""><td>002 Acrolein</td><td>•</td><td>091 Chlordane (technical mixture and</td></td<>   | 002 Acrolein                      | •   | 091 Chlordane (technical mixture and  |
| 004 Benzene         052 Hexachlorobutadiene         092 4,4-DDT           005 Benzidine         053 Hexachloromyclopentadiene         093 4,4-DDE (p.p-DDX)           006 Carbon tetrachloride (tetrachloromethane)         053 Hexachloromyclopentadiene         094 4,4-DDE (p.p-DDX)           007 Chlorobenzene         055 Nitrobenzene         095 Alpha-endosulfan           008 1,2-4-trichlorobenzene         057 2-nitrophenol         097 Endosulfan sulfate           009 Hexachlorotehane         059 2,4-dimitrophenol         098 Ending           010 1,2-dichloroethane         059 2,4-dimitrophenol         099 Endiria aldehyde           011 1,1,1-trichloroethane         061 N-nitrosodimethylamine         099 Endria aldehyde           012 1,1-dichloroethane         061 N-nitrosodimethylamine         (BHC-hexachloroeyclobexane)           013 1,1-dichloroethane         062 N-nitrosodimethylamine         (BHC-hexachloroeyclobexane)           015 1,1,2-dicthloroethane         063 N-nitrosodinethylamine         (BHC-hexachloroeyclobexane)           016 Chloroethane         065 Phenol         064 Pentachloropylamine         065 Phenol           018 Bis(2-chloroethyl vinyl ether (mixed)         067 Enbenol         068 Dix-N-BBUJ Phthalate         105 Delta-BHC (PCB-polychlorinated biphenyls)           019 22 Parachlorometa cresol         069 Dix-n-octyl phthalate         107 Delta/Phthalate <td< td=""><td>003 Acrylonitrile</td><td>051 Chlorodibromomethane</td><td>metabolites)</td></td<>   | 003 Acrylonitrile                 | 051 Chlorodibromomethane                  | metabolites)                          |
| 006 Carbon tetrachloride (ketrachlorome thane)         054 Isophorone         094 4.4-DDD (p.p-TDE)           (ketrachlorome thane)         055 Naphthalene         095 Alpha-endosulfan           007 Chlorobenzene         056 Nitrobenzene         096 Beta-endosulfan           008 1, 2, 4-trichlorobenzene         057 2-nitrophenol         097 Endosulfan           010 1, 2-dichloroethane         059 2, 4-dinitrophenol         098 Endrin           011 1, 1, 1-trichloroethane         060 4, 6-dinitro-o-cresol         100 Heptachlor epoxide           012 Hexachloroethane         061 N-nitrosodimethylamine         101 Heptachlor epoxide           014 1, 1, 2-trichloroethane         063 N-nitrosodi-n-propylamin         102 Alpha-BHC           015 1, 1, 2, 2-tetrachloroethane         064 Pentachlorophenol         103 Beta-BHC           016 Chloroethane         065 Phenol         101 Heptachlor epoxide           018 Bis(2-chloroethyl) ether         066 Bis(2-ethylhexyl) phthalate         105 Delta-BHC (Indane)           019 2-chlorothyl vinyl ether (mixed)         067 Butyl benzyl phthalate         105 Delta-BHC (PCB-polychlorinated biphenyls)           020 2-horoethyl vinyl ether (mixed)         068 Di-N-Butyl Pthhalate         106 PCB-1224 (Arochlor 1242)           021 2, 4, 6-trichlorophenol         069 Di-n-octyl phthalate         107 Dimethyl phthalate         107 PCB-1234 (Arochlor 1248)   | 004 Benzene                       | 052 Hexachlorobutadiene                   | 092 4,4-DDT                           |
| 006 Carbon tetrachloride (ketrachlorome thane)         054 Isophorone         094 4.4-DDD (p.p-TDE)           (ketrachlorome thane)         055 Naphthalene         095 Alpha-endosulfan           007 Chlorobenzene         056 Nitrobenzene         096 Beta-endosulfan           008 1, 2, 4-trichlorobenzene         057 2-nitrophenol         097 Endosulfan           010 1, 2-dichloroethane         059 2, 4-dinitrophenol         098 Endrin           011 1, 1, 1-trichloroethane         060 4, 6-dinitro-o-cresol         100 Heptachlor epoxide           012 Hexachloroethane         061 N-nitrosodimethylamine         101 Heptachlor epoxide           014 1, 1, 2-trichloroethane         063 N-nitrosodi-n-propylamin         102 Alpha-BHC           015 1, 1, 2, 2-tetrachloroethane         064 Pentachlorophenol         103 Beta-BHC           016 Chloroethane         065 Phenol         101 Heptachlor epoxide           018 Bis(2-chloroethyl) ether         066 Bis(2-ethylhexyl) phthalate         105 Delta-BHC (Indane)           019 2-chlorothyl vinyl ether (mixed)         067 Butyl benzyl phthalate         105 Delta-BHC (PCB-polychlorinated biphenyls)           020 2-horoethyl vinyl ether (mixed)         068 Di-N-Butyl Pthhalate         106 PCB-1224 (Arochlor 1242)           021 2, 4, 6-trichlorophenol         069 Di-n-octyl phthalate         107 Dimethyl phthalate         107 PCB-1234 (Arochlor 1248)   | 005 Benzidine                     | 053 Hexachloromyclopentadiene             |                                       |
| (tetrachloromethane)         055 Naphthalene         095 Alpha-endosulfan           007 Chlorobenzene         056 Nitrobenzene         096 Ehe-endosulfan           008 1,2,4-trichlorobenzene         057 2-nitrophenol         097 Endosulfan sulfate           009 Hexachlorobenzene         058 4-nitrophenol         098 Endrin           010 1,1-dichloroethane         050 4,6-dinitro-o-cresol         099 Endrin aldehyde           011 1,1,1-trichloroethane         061 N-nitrosodimentylamine         096 Endrin           012 Hexachloroethane         061 N-nitrosodimentylamine         097 Endosulfan sulfate           013 1,1-dichloroethane         062 N-nitrosodimentylamine         010 Heptachlor epoxide           014 1,1,2-trichloroethane         064 Pentachlorophenol         103 Esta-BHC           016 Chloroethane         065 Phenol         104 Gamma-BHC (Indane)           018 Bis(2-chloroethyl ether         066 Bis(2-ethylhexyl) phthalate         105 Deta-BHC (PCB-polychlorinated biphenyls)           010 2, 4,6-trichlorophenol         068 Di-N-Butyl Phthalate         106 PCB-1224 (Arochlor 1242)           012 2, 4-dichlorobenzene         070 Diethyl Phthalate         107 PCB-1254 (Arochlor 1242)           012 3, Chloroform (trichloromethane)         071 Diembyl phthalate         109 PCB-1224 (Arochlor 1242)           015 1, 3-dichlorobenzene         073 Benzof(a)pyrene (3,4-benzo-p   | 006 Carbon tetrachloride          |   | 094 4,4-DDD (p,p-TDE)                 |
| 007 Chlorobenzene         0.56 Nitrobenzene         0.96 Beta-endosulfan           008 1,2,4-trichlorobenzene         0.57 2-nitrophenol         0.97 Endosulfan sulfate           009 Hexachlorobenzene         0.58 4-nitrophenol         0.99 Endrin aldehyde           010 1,2-dichloroethane         0.60 4,6-dinitro-o-cresol         100 Heptachlor           012 Hexachloroethane         0.61 N-nitrosodimethylamine         101 Heptachlor epoxide           013 L.,1-dichloroethane         0.62 N-nitrosodin-propylamin         102 Alpha-BHC           014 1,1,2-terkolroroethane         0.63 N-nitrosodi-n-propylamin         102 Alpha-BHC           015 1,1,2,2-tetrachloroethane         0.64 Pentachlorophenol         103 Beta-BHC           016 Chloroethane         0.65 Phenol         103 Beta-BHC           018 Bis(2-chloroethyl) ether         0.66 Bis(2-ethylhexyl) phthalate         105 Delta-BHC (PCB-polychlorinated biphenyls)           019 2-chloroenhyl vinyl ether (mixed)         0.67 Buryl benzyl phthalate         105 Delta-BHC (PCB-polychlorinated biphenyls)           010 22 Parachlorometa cresol         0.70 Diethyl Prihalate         1.07 CPB-1254 (Arochlor 1242)           012 3 Chloroform (trichloromethane)         0.71 Diethyl phthalate         1.07 PCB-1232 (Arochlor 1221)           013 5 1, -2-dichlorobenzene         0.72 J, -2-benzanthracene (benzo(a)         1.10 PCB-1248 (Arochlor 1232)  | (tetrachloromethane)              |   |                                       |
| Description of the search of   | 007 Chlorobenzene                 | -   | -                                     |
| 009   Endrin   009    | 008 1,2,4-trichlorobenzene        | 057 2-nitrophenol                         | 097 Endosulfan sulfate                |
| 010   1,2-dichloroethane   056   2,4-dinitro-herost   050   04,6-dinitro-herost   050   04,6-dinitro-herost   050   04,6-dinitro-herost   050   04,6-dinitro-herost   050   04,6-dinitro-herost   050   05   | 009 Hexachlorobenzene             | 058 4-nitrophenol                         | 098 Endrin                            |
| 101 1,1.1-trichloreothane  | 010 1,2-dichloroethane            | -   | 099 Endrin aldehyde                   |
| 101 Heptachlor epoxide   061 N-nitrosodimethylamine   062 N-nitrosodiphenylamine   063 N-nitrosodiphenylamine   063 N-nitrosodiphenylamine   064 Pentachlorophenol   064 Pentachlorophenol   065 Phenol   065 Phenol   066 Bis(2-ethloroethyl) ether   066 Bis(2-ethlyhkexyl) phthalate   067 Butyl benzyl phthalate   068 Bis(2-ethloroethyl) ether   069 Di-n-oetyl phthalate   070 Diethyl P   | 011 1,1,1-trichloreothane         | •   |                                       |
| 1013   1,1-dichloroethane  | 012 Hexachloroethane              |   |                                       |
| 101   1,1,2-trichloroethane  | 013 1.1-dichloroethane            |   |                                       |
| 1015   1,1,2,2-tetrachloroethane   064   Pentachlorophenol   103   Beta-BHC   104   Gamma-BHC (lindane)   105   Delta-BHC (PCB-polychlorinated biphenyls)   105   Delta-BHC (PCB-polychlorinated biphenyls   105   Delta-BHC (PCB-polychlorinated biphenyls   105   Delta-BHC (PCB-polychlorinated biphenyls   105   Delta-BHC (PCB-polychlen)   105   Delta-BHC (PCB-polychlen)   106   PCB-1242 (Arochlor 1242)   107   PCB-1248 (Arochlor 1242)   107   PCB-1248 (Arochlor 1221)   107   102   Delta-BHC (PCB-polychlorinated biphenyls   107   PCB-1248 (Arochlor 1242)   107   PCB-1248 (Arochlor 1221)   107   102   Delta-BHC (PCB-polychlorinated biphenyls   107   PCB-1248 (Arochlor 1242)   107   PCB-1248 (Arochlor 1221)   107   102   Delta-BHC (PCB-polychlorinated biphenyls   107   PCB-1248 (Arochlor 1221)   107   PCB-1248 (Arochlor 1221)   107   PCB-1232 (Arochlor 1221)   107   102   Delta-BHC (PCB-polychlorinated biphenyls   110   PCB-1248 (Arochlor 1221)   107   PCB-1248 (Arochlor 1220)   112   PCB-1248 (Arochlor 1260)   112   PCB-1248 (Arochlor 1260)   112   PCB-1248 (Arochlor 1260)   112   PC   |                                   |   |                                       |
| 0.65   Chloroethane   0.65   Phenol   0.66   Bis(2-chloroethyl) ether   0.67   Butyl benzyl phthalate   0.68   Di-N-Butyl Phthalate   0.68   Di-N-Butyl Phthalate   0.69   Di-n-octyl phthalat   |                                   |   | •                                     |
| 018 Bis(2-chloroethyl) ether         066 Bis(2-ethylhexyl) phthalate         105 Delta-BHC (PCB-polychlorinated biphenyls)           019 2-chloroethyl vinyl ether (mixed)         067 Butyl benzyl phthalate         507 Butyl benzyl phthalate         508 Di-N-octyl phthalate         509 PCB-1234 (Arochlor 1242)         509 PCB-1254 (Arochlor 1254)         509 PCB-1254 (Arochlor 1254)         509 PCB-1234 (Arochlor 1234)         509 PCB-1234 (Arochlor 1248)         509 PCB-1234 (Arochlor 1234)         509 PCB-1234 (Arochlor 1234)         509 PCB-1234 (Arochlor 1248)         509 PCB-1234 (Arochlor 1248)         509 PCB-1234 (Arochlor 1248)   |                                   | -   |                                       |
| 019 2-chloroethyl vinyl ether (mixed) 020 2-chloronaphthalene 021 2,4,6-trichlorophenol 022 Parachlorometa cresol 023 Chloroform (trichloromethane) 024 2-chlorophenol 025 (1,2-dichlorobenzene 026 1,3-dichlorobenzene 027 1,2-benzanthracene (benzo(a) 028 3,3-dichlorobenzene 029 1,1-dichloroethylene 030 1,2-trans-dichlorophenol 031 2,2-dichlorophenol 032 1,2-dichlorophenol 033 1,2-dichlorophenol 043 1,2-dichlorophenol 054 1,2-dichlorophenol 055 1,1-dichlorophenzene 076 Benzo(a)pyrene (3,4-benzo-pyrene) 077 1,1-di-chloroethylene 078 1,1-di-chlorophenol 079 1,1-di-chlorophenol 070 1,1-di-chlorophenol 070 1,2-trans-di-chlorophenol 071 1,2-benzofluoranthene (benzo(b) 072 1,2-dichlorophenol 073 1,2-di-chlorophenol 074 3,4-Benzofluoranthene (benzo(b) 075 11,12-benzofluoranthene (benzo(b) 076 Chrysene 077 Acenaphthylene 078 Anthracene 079 1,1-2-benzoperylene (benzo(ghi) 031 1,2-dichloropropene) 079 1,1-2-benzoperylene (benzo(ghi) 032 2,4-dinitrotoluene 033 2,4-dinitrotoluene 034 2,4-dimitrotoluene 035 2,4-dinitrotoluene 036 2,6-dinitrotoluene 037 1,2-diphenylhydrazine 038 Ethylbenzene 039 Fluoranthene 030 1,2-diphenylhydrazine 039 Fluoranthene 039 Fluoranthene 030 1,2-diphenylhydrazine 039 Fluoranthene 030 1,3-dichlorophenyl ether 040 4-chlorophenyl phenyl ether 041 4-bromophenyl phenyl ether 042 Bis(2-chlorostopropyl) ether 043 Methyl chloride (dichloromethane) 044 Methylene chloride (dichloromethane) 045 Methyl chloride (dichloromethane) 046 Methyl chloride (dichloromethane) 047 Methyl chloride (dichloromethane) 048 Winyl chloride (chloroethylene) 049 Winyl chloride (chloroethylene)  |                                   |   |                                       |
| 020 2-chloronaphthalene         068 Di-N-Butyl Phthalate         106 PCB-1242 (Arochlor 1242)           021 24, 4, 6-trichlorophenol         069 Di-n-octyl phthalate         107 PCB-1254 (Arochlor 1254)           022 Parachlorometa cresol         070 Diethyl Phthalate         108 PCB-1221 (Arochlor 1254)           023 Chloroform (trichloromethane)         071 Dimethyl phthalate         109 PCB-1332 (Arochlor 1232)           024 2-chlorophenol         072 1,2-benzanthracene (benzo(a)         110 PCB-1248 (Arochlor 1232)           025 1,2-dichlorobenzene         073 Benzo(a)pyrene (3,4-benzo-pyrene)         111 PCB-1260 (Arochlor 1248)           026 1,3-dichlorobenzene         073 Benzo(a)pyrene (3,4-benzo-pyrene)         112 PCB-1016 (Arochlor 1260)           027 1,4-dichlorobenzene         074 3,4-Benzofluoranthene (benzo(b)         113 Toxaphene           028 3,3-dichlorobenzidine         fluoranthene)         115 Arsenic           031 1,2-trans-dichloroethylene         fluoranthene)         115 Arsenic           031 2,4-dichloropropane         076 Chrysene         117 Beryllium           032 1,2-dichloropropane         077 Acenaphthylene         118 Cadmium           033 1,2-dichloropropane         079 Anthracene         119 Chromium           01,3-dichloropropane         079 I.12-benzoperylene (benzo(ghi)         120 Copper           034 2,4-dimethylphenol         080 Fluo   |                                   |   | ` 1                                   |
| 021  |                                   |   |                                       |
| 022 Parachlorometa cresol 023 Chloroform (trichloromethane) 024 2-chlorophenol 025 1,2-dichlorobenzene 026 1,3-dichlorobenzene 027 1,4-dichlorobenzene 028 3,3-dichlorobenzene 029 1,1-dichlorobenzene 030 1,2-trans-dichloroethylene 031 2,4-dichlorophenol 032 1,2-dichlorophenol 033 1,2-dichlorophenol 034 2,4-dichlorophenol 035 1,2-dichlorophenol 036 2,4-dichlorophenol 037 1,2-dichlorophenol 038 3,1-dichlorophenol 039 1,2-trans-dichloroethylene 030 1,2-trans-dichloroethylene 031 2,4-dichlorophenol 032 1,2-dichlorophenol 033 1,2-dichloropropane 034 2,4-dimitrylophenol 035 2,4-dimitrylophenol 036 2,6-dimitrotoluene 037 1,2-diphenylhydrazine 038 Ethylbenzene 039 Fluoranthene 040 4-chlorophenyl phenyl ether 041 4-bromophenyl phenyl ether 042 Bis(2-chloroisopropyl) ether 043 Methylene chloride (dichloromethane) 044 Methylene chloride (dichloromethane) 045 Methyl chloride (dichloromethane) 046 Methyl chloride (dichloromethane) 047 Methylene chloride (dichloromethane) 048 Methyl chloride (dichloromethane) 049 Methylene chloride (dichloromethane) 040 Methylene chloride (dichloromethane) 040 Methylene chloride (dichloromethane) 041 Methylene chloride (dichloromethane) 042 Metyl chloride (dichloromethane) 043 Metyl chloride (dichloromethane) 044 Metyl chloride (dichloromethane) 045 Methyl chloride (dichloromethane) 046 Metyl chloride (dichloromethane) 047 Metyl chloride (dichloromethane) 048 Metyl chloride (dichloromethane) 049 Metyl chloride (dichloromethane) 040 Metyl chloride (dichloromethane) 040 Metyl chloride (dichloromethane) 040 Metyl chloride (dichloromethane) 040 Metyl chloride (dichloromethane) 041 Metyl chloride (dichloromethane) 042 Metyl chloride (dichloromethane) 045 Metyl chloride (dichloromethane) 046 Metyl chloride (dichloromethane) 047 Dimethyl phthalate 048 Dipthalate 049 Deta-1221 (Arochlor 1221) 110 PCB-1232 (Arochlor 1232) 110 PCB-1232 (Arochlor 1232) 110 PCB-1248 (Arochlor 1260) 111 PCB-1260 (Arochlor 1260) 112 PCB-1016 (Arochlor 1260) 113 Toxaphene 114 Antimony 115 Arsenic 116 Asbestos 117 Beryllium  |                                   | •   |                                       |
| 023 Chloroform (trichloromethane)         071 Dimethyl phthalate         109 PCB-1232 (Arochlor 1232)           024 2-chlorophenol         072 1,2-benzanthracene (benzo(a)         110 PCB-1248 (Arochlor 1248)           025 1,2-dichlorobenzene         073 Benzo(a)pyrene (3,4-benzo-pyrene)         111 PCB-1260 (Arochlor 1260)           026 1,3-dichlorobenzene         074 3,4-Benzofluoranthene (benzo(b)         113 Toxaphene           027 1,4-dichlorobenzene         075 11,12-benzofluoranthene (benzo(b)         113 Toxaphene           028 3,3-dichlorobenzidine         075 11,12-benzofluoranthene (benzo(b)         115 Arsenic           030 1,2-trans-dichloroethylene         075 11,12-benzofluoranthene (benzo(b)         116 Asbestos           031 2,4-dichloropropane         076 Chrysene         117 Beryllium           032 1,2-dichloropropane         077 Acenaphthylene         118 Cadmium           033 1,2-dichloropropane         078 Anthracene         119 Chromium           013 2,4-dimethylphenol         120 Copper           034 2,4-dimethylphenol         121 Cyanide, Total           035 2,4-dinitrotoluene         081 Phenanthrene         122 Lead           036 2,6-dinitrotoluene         081 Phenanthrene         123 Mercury           039 Fluoranthene         083 Indeno (,1,2,3-cd) pyrene         126 Silver           040 4-chlorophenyl phenyl ether <td< td=""><td></td><td></td><td>· · · · · · · · · · · · · · · · · · ·</td></td<>   |                                   |   | · · · · · · · · · · · · · · · · · · · |
| 024 2-chlorophenol         072 1,2-benzanthracene (benzo(a)         110 PCB-1248 (Arochlor 1248)           025 1,2-dichlorobenzene         anthracene         111 PCB-1260 (Arochlor 1260)           026 1,3-dichlorobenzene         073 Benzo(a)pyrene (3,4-benzo-pyrene)         112 PCB-1016 (Arochlor 1260)           027 1,4-dichlorobenzene         074 3,4-Benzofluoranthene (benzo(b)         113 Toxaphene           028 3,3-dichlorobenzidine         fluoranthene)         114 Antimony           030 1,2-trans-dichloroethylene         075 11,12-benzofluoranthene (benzo(b)         115 Arsenic           031 2,4-dichlorophenol         076 Chrysene         116 Asbestos           031 2,2-dichloropropane         077 Acenaphthylene         118 Cadmium           033 1,2-dichloropropene)         078 Anthracene         119 Chromium           01,3-dichloropropene)         079 1,12-benzoperylene (benzo(ghi)         120 Copper           034 2,4-dimethylphenol         080 Fluorene         121 Cyanide, Total           035 2,4-dinitrotoluene         081 Phenanthrene         122 Lead           036 2,6-dinitrotoluene         081 Phenanthrene         123 Mercury           037 1,2-diphenylhydrazine         082 1,2,5,6-dibenzanthracene (dibenzo(h)         124 Nickel           038 Fluoranthene         083 Indeno (1,1,2,3-cd) pyrene         126 Silver           041 4-bromo  |                                   | •   |                                       |
| anthracene  3.2 dichlorobenzene  3.3 dichlorobenzene  3.4 dichlorobenzene  3.5 dichlorobenzene  3.6 dichlorobenzene  3.7 dichlorobenzene  3.8 dichlorobenzene  3.9 dichlorobenzene  3.0 dichlorobenzene  3.1 dichlorobenzene  3.2 dichlorobenzene  3.3 dichlorobenzidine  3.4 dichlorobenzene  3.5 dichlorobenzene  3.6 dichlorobenzene  3.7 dichlorobenzene  3.8 dichlorobenzene  3.9 dichloropethylene  3.1 dichloropethylene  3.1 dichloropethylene  3.2 dichlorophenol  3.3 dichlorophenol  3.4 dichlorophenol  3.5 dichloropropane  3.6 Chrysene  3.7 Acenaphthylene  3.8 dichloropropene)  3.8 dichlorophenyl phenyl ether  3.9 Fluoranthene  3.0 Silver  3.1 Texabloropethylene  3.1 Nataphene  3.1 PCB-1016 (Arochlor 1016)  3.1 Toxaphene  3.1 Antimony  3.1 Acspenic  3.1 Antimony  3.1 Acspenic  3.1 Antimony  3.1 Early Beryllium  3.1 Cadmium  3.1 Cadmium  3.1 Chromium  3.1 Chromium  3.1 Chromium  3.1 Cyanide, Total  3.2 Lead  3.2 Lead  3.3 Mercury  3.3 Mercury  3.3 Mercury  4. Nickel  3.4 Nickel  3.4 Nickel  3.5 Selenium  3.6 Silver  3.7 Thallium  3.7 Thallium  3.8 Ethylbenzene  3.8 Ethylbenzene  3.9 Fluoranthene  3.1 PCB-1016 (Arochlor 1016)  3.1 Antimony  3.1 Cadmium  3.1 Cadmium  3.1 Cadmium  4. Vichorophenyl phenyl ether  4. Vickel  4. Nickel  5. Silver  5. Selenium  5. Silver  5. Selenium  5. Silver  5. Silver  5. Silver  5. | •                                 | 1 · · · · · · · · · · · · · · · · · · ·   |                                       |
| 026 1,3-dichlorobenzene 027 1,4-dichlorobenzene 028 3,3-dichlorobenzidine 029 1,1-dichlorobenzidine 030 1,2-trans-dichloroethylene 031 2,4-dichloropropane 032 1,2-dichloropropane 033 1,2-dichloropropane 034 2,4-dimethylphenol 035 2,4-dimethylphenol 036 2,6-dinitrotoluene 037 Pluoranthene 038 Ethylbenzene 039 Fluoranthene 039 Fluoranthene 030 1,2-dichlorospropyl) ether 030 2,3-dichlorophenol 031 2,4-dimethylphenol 032 1,2-dichloropropene 033 3,2-dichloropropene 043 Benzo(a)pyrene (3,4-benzo-pyrene) 075 11,12-benzofluoranthene (benzo(b) 115 Arsenic 116 Asbestos 117 Beryllium 118 Cadmium 119 Chromium 119 Chromium 110 Chromium 110 Chromium 110 Copper 111 Cyanide, Total 111 PCB-1016 (Arochlor 1016) 112 PCB-1016 (Arochlor 1016) 113 Toxaphene 114 Antimony 115 Arsenic 116 Asbestos 117 Beryllium 118 Cadmium 119 Chromium 119 Chromium 110 Chromium 110 Chromium 110 Cyanide, Total 111 PCB-1016 (Arochlor 1016) 112 Antimony 113 Toxaphene 114 Antimony 115 Arsenic 116 Asbestos 117 Beryllium 118 Cadmium 119 Chromium 119 Chromium 110 Cyanide, Total 110 Cyanide, Total 111 PCB-1016 (Arochlor 1016) 113 Toxaphene 114 Antimony 115 Arsenic 116 Asbestos 117 Beryllium 119 Chromium 110 Chromium 110 Cyanide, Total 110 Cyanide, Total 111 PCB-1016 (Arochlor 1016) 113 Toxaphene 114 Antimony 115 Arsenic 116 Asbestos 117 Beryllium 118 Cadmium 119 Chromium 110 Cyanide, Total 120 Copper 121 Cyanide, Total 122 Lead 123 Mercury 124 Nickel 125 Selenium 126 Silver 127 Thallium 128 Zinc 129 Zi3,7,8-tetrachloro-dibenzo-p-dioxin 120 Copper 121 Cyanide, Total 122 Lead 123 Mercury 124 Nickel 125 Selenium 126 Silver 127 Thallium 128 Zinc 129 Zi3,7,8-tetrachloro-dibenzo-p-dioxin 120 Copper 121 Cyanide, Total 122 Lead 123 Mercury 124 Nickel 125 Selenium 126 Silver 127 Thallium 128 Zinc 129 Zi3,7,8-tetrachloro-dibenzo-p-dioxin 120 Copper 121 Cyanide, Total 122 Lead 123 Mercury 124 Nickel 125 Selenium 126 Silver 127 Thallium 128 Zinc 129 Zi3,7,8-tetrachloro-dibenzo-p-dioxin 120 Copper 121 Cyanide, Total 122 Lead 123 Mercury 124 Nickel 125 Selenium 126 Silver 1 | 1                                 | ` ` ` ` `                                 |                                       |
| 027 1,4-dichlorobenzene 028 3,3-dichlorobenzidine 029 1,1-dichloroethylene 030 1,2-trans-dichloroethylene 031 2,4-dichlorophenol 032 1,2-dichlorophenol 033 1,2-dichloropropane 033 1,2-dichloropropane 034 2,4-dimethylene 035 2,4-dimitrotoluene 036 2,6-dinitrotoluene 037 1,2-diphenylhydrazine 038 Ethylbenzene 039 Fluoranthene 039 Fluoranthene 030 1,2-diphenyl phenyl ether 040 4-chlorophenyl phenyl ether 041 4-bromophenyl phenyl ether 042 Bis(2-chloroethoxy) methane 044 Methylene chloride (dichloromethane) 045 Methyl chloride (dichloromethane) 046 Methyl chloride (dichloromethane) 047 A.4-Benzofluoranthene (benzo(b) 114 Antimony 115 Arsenic 116 Asbestos 117 Beryllium 118 Cadmium 119 Chromium 119 Chromium 120 Copper 121 Cyanide, Total 122 Lead 122 Lead 123 Mercury 124 Nickel 125 Selenium 126 Silver 126 Silver 127 Thallium 126 Silver 127 Thallium 126 Silver 127 Thallium 128 Zinc 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 120 Copper 121 Cyanide, Total 122 Lead 123 Mercury 124 Nickel 125 Selenium 126 Silver 127 Thallium 128 Zinc 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 120 Copper 121 Cyanide, Total 122 Lead 123 Mercury 124 Nickel 125 Selenium 126 Silver 126 Silver 127 Thallium 127 Thallium 128 Zinc 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin  |                                   | 073 Benzo(a)pyrene (3.4-benzo-pyrene)     |                                       |
| 114 Antimony 129 1,1-dichloroethylene 130 1,2-trans-dichloroethylene 131 2,4-dichlorophenol 132 1,2-dichloropropane 133 1,2-dichloropropane 133 1,2-dichloropropane 134 Antimony 135 Arsenic 136 Asbestos 137 Beryllium 137 Acenaphthylene 138 Cadmium 139 Chromium 130 Copper 130 Copper 131 Cyanide, Total 130 Mercury 131 Mercury 132 Lead 133 Mercury 133 Mercury 134 Antimony 135 Arsenic 136 Asbestos 137 Beryllium 138 Cadmium 139 Chromium 140 Copper 141 Cyanide, Total 143 Antimony 153 Arsenic 154 Arsenic 155 Arsenic 16 Asbestos 176 Edyllium 177 Beryllium 178 Cadmium 179 Chromium 179 Chromium 170 Copper 171 Cyanide, Total 179 Cyanide, Total 170 Cyanide 170 Cyanide 170 Cyanide 170 Cyanide 170 Cyanide 170 Cyanide 170  | •                                 | 1,710                                     |                                       |
| 075 11,12-benzofluoranthene (benzo(b) fluoranthene) 116 Asbestos 117 Beryllium 118 Cadmium 118 Cadmium 119 Chromium 119 Chromium 119 Copper 112 Cyanide, Total 122 Lead 123 Mercury 124 Nickel 125 Selenium 125 Selenium 126 Silver 126 Silver 126 Silver 128 Zinc 148 Silver 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 142 Methylene 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 142 CDD)   |                                   |   | -                                     |
| 116 Asbestos 117 Beryllium 118 Cadmium 119 Chromium 119 Chromium 120 Copper 121 Cyanide, Total 122 Lead 123 Mercury 137 L2-diphenylhydrazine 138 Ethylbenzene 139 Fluoranthene 130 Silver 14 Dromophenyl phenyl ether 14 Dromophenyl phenyl ether 15 Silver 16 Asbestos 17 Beryllium 18 Cadmium 19 Chromium 19 Chromium 119 Chromium 110 Copper 120 Copper 121 Cyanide, Total 122 Lead 123 Mercury 124 Nickel 125 Selenium 126 Silver 127 Thallium 127 Thallium 128 Cadmium 129 Chromium 120 Copper 121 Cyanide, Total 122 Lead 123 Mercury 124 Nickel 125 Selenium 126 Silver 127 Thallium 127 Thallium 128 Zinc 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 120 Copper 121 Cyanide, Total 122 Lead 123 Mercury 124 Nickel 125 Selenium 126 Silver 127 Thallium 128 Zinc 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 120 Copper 121 Cyanide, Total 122 Lead 123 Mercury 124 Nickel 125 Selenium 126 Silver 127 Thallium 128 Zinc 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 127 Thallium 128 Zinc 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 120 Copper 121 Cyanide, Total 122 Lead 123 Mercury 124 Nickel 125 Selenium 126 Silver 127 Thallium 128 Zinc 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin  |                                   |   | <b>1</b>                              |
| 031 2,4-dichlorophenol 032 1,2-dichloropropane 033 1,2-dichloropropylene 034 2,4-dimethylphenol 035 2,4-dimethylphenol 036 2,6-dinitrotoluene 037 1,2-diphenylhydrazine 038 Ethylbenzene 039 Fluoranthene 040 4-chlorophenyl phenyl ether 040 4 Sis(2-chloroethoxy) methane 044 Methylene chloride (dichloromethane) 045 Methyl chloride (dichloromethane) 046 Chrysene 077 Acenaphthylene 078 Anthracene 078 Anthracene 079 1,12-benzoperylene (benzo(ghi) perylene) 079 1,12-benzoperylene (benzo(ghi) perylene) 080 Fluorene 080 Fluorene 080 Fluorene 081 Phenanthrene 082 1,2,5,6-dibenzanthracene (dibenzo(,h) anthracene) 083 Indeno (,1,2,3-cd) pyrene 084 Pyrene 085 Tetrachloroethylene 086 Toluene 087 Trichloroethylene 088 Vinyl chloride (chloroethylene) 088 Vinyl chloride (chloroethylene) 088 Vinyl chloride (chloroethylene)  |                                   |   | 116 Asbestos                          |
| 032 1,2-dichloropropane077 Acenaphthylene118 Cadmium033 1,2-dichloropropylene078 Anthracene119 Chromium(1,3-dichloropropene)079 1,12-benzoperylene (benzo(ghi)120 Copper034 2,4-dimethylphenolperylene)121 Cyanide, Total035 2,4-dinitrotoluene080 Fluorene122 Lead036 2,6-dinitrotoluene081 Phenanthrene123 Mercury037 1,2-diphenylhydrazine082 1,2,5,6-dibenzanthracene (dibenzo(,h)124 Nickel038 Ethylbenzeneanthracene)125 Selenium039 Fluoranthene083 Indeno (,1,2,3-cd) pyrene126 Silver040 4-chlorophenyl phenyl ether(2,3-o-pheynylene pyrene)127 Thallium041 4-bromophenyl phenyl ether084 Pyrene126 Silver042 Bis(2-chloroisopropyl) ether085 Tetrachloroethylene128 Zinc043 Bis(2-chloroethoxy) methane086 Toluene129 2,3,7,8-tetrachloro-dibenzo-p-dioxin044 Methylene chloride (dichloromethane)087 Trichloroethylene(TCDD)   |                                   |   | 117 Bervllium                         |
| 078 Anthracene (1,3-dichloropropylene (1,3-dichloropropene) (120 Copper (121 Cyanide, Total (122 Lead (123 Mercury (124 Nickel (125 Selenium (126 Silver (127 Thallium (126 Silver (127 Thallium (126 Silver (127 Thallium (126 Silver (128 Zinc (129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (120 Copper (121 Cyanide, Total (122 Lead (123 Mercury (124 Nickel (125 Selenium (126 Silver (127 Thallium (127 Thallium (128 Zinc (129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (120 Copper (121 Cyanide, Total (120 Copper (121 Cyanide, Total (122 Lead (123 Mercury (124 Nickel (125 Selenium (126 Silver (127 Thallium (126 Silver (128 Zinc (128 Zinc (129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (120 Copper (121 Cyanide, Total (120 Copper (121 Cyanide, Total (122 Lead (123 Mercury (124 Nickel (125 Selenium (126 Silver (127 Thallium (128 Zinc (128 Zinc (129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (120 Copper (121 Cyanide, Total (120 Copper (121 Cyanide, Total (120 Copper (121 Cyanide, Total (122 Lead (123 Mercury (124 Nickel (125 Silver (127 Thallium (126 Silver (127 Thallium (128 Zinc (128 Zinc (129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (120 Zinc (12 | -                                 | •   |                                       |
| (1,3-dichloropropene) (034 2,4-dimethylphenol (035 2,4-dinitrotoluene (036 2,6-dinitrotoluene (037 1,2-diphenylhydrazine (038 Ethylbenzene (039 Fluoranthene (039 Fluoranthene (040 4-chlorophenyl phenyl ether (041 4-bromophenyl phenyl ether (042 Bis(2-chloroisopropyl) ether (043 Bis(2-chloroethoxy) methane (044 Methylene chloride (dichloromethane) (045 Methyl chloride (dichloromethane) (059 1,12-benzoperylene (benzo(ghi) perylene (080 Fluorene (080 Fluorene (081 Phenanthrene (081 Phenanthrene (082 1,2,5,6-dibenzanthracene (dibenzo(,h) anthracene) (082 1,2,5,6-dibenzanthracene (dibenzo(,h) anthracene) (083 Indeno (,1,2,3-cd) pyrene (2,3-o-pheynylene pyrene) (2,3 -o-pheynylene pyrene) (2,4 - Nickel (2,5 -o-pheynylene pyrene) (2,6 - Silver (2,7 -o-pheynylene pyrene) (2,7 -o-pheynylene pyrene) (2,8 -o-pheynylene pyrene) (2,9 -o-pheynylene py |                                   | 1 2                                       |                                       |
| perylene) 33   |                                   | 079 1,12-benzopervlene (benzo(ghi)        | 120 Copper                            |
| 0352,4-dinitrotoluene080Fluorene122Lead0362,6-dinitrotoluene081Phenanthrene123Mercury0371,2-diphenylhydrazine0821,2,5,6-dibenzanthracene (dibenzo(,h) anthracene)124Nickel038Ethylbenzene083Indeno (,1,2,3-cd) pyrene125Selenium0404-chlorophenyl phenyl ether(2,3-o-pheynylene pyrene)126Silver0414-bromophenyl phenyl ether084Pyrene126Silver042Bis(2-chloroisopropyl) ether085Tetrachloroethylene128Zinc043Bis(2-chloroethoxy) methane086Toluene1292,3,7,8-tetrachloro-dibenzo-p-dioxin044Methyl chloride (dichloromethane)088Vinyl chloride (chloroethylene)(TCDD)   |                                   |   |                                       |
| 036 2,6-dinitrotoluene 037 1,2-diphenylhydrazine 038 Ethylbenzene 039 Fluoranthene 040 4-chlorophenyl phenyl ether 041 4-bromophenyl phenyl ether 042 Bis(2-chloroisopropyl) ether 043 Bis(2-chloroethoxy) methane 044 Methylene chloride (dichloromethane) 045 Methyl chloride (dichloromethane) 048 Phenanthrene 049 1,2,5,6-dibenzanthracene (dibenzo(,h) anthracene) 040 1,2,3-cd) pyrene 040 1,2,3-cd) pyrene 041 2,3 Selenium 042 Silver 043 Bis(2-chloroisopropyl) ether 044 Methylene chloride (dichloromethane) 045 Methyl chloride (dichloromethane) 046 Methyl chloride (dichloromethane) 047 Trichloroethylene 048 Vinyl chloride (chloroethylene) 048 Vinyl chloride (chloroethylene)   | • •                               |   |                                       |
| 037 1,2-diphenylhydrazine 038 Ethylbenzene 039 Fluoranthene 040 4-chlorophenyl phenyl ether 041 4-bromophenyl phenyl ether 042 Bis(2-chloroisopropyl) ether 043 Bis(2-chloroethoxy) methane 044 Methylene chloride (dichloromethane) 045 Methyl chloride (dichloromethane) 048 Ethylbenzene (dibenzo(,h) anthracene (dibenzo(, |                                   | 081 Phenanthrene                          |                                       |
| 038 Ethylbenzeneanthracene)125 Selenium039 Fluoranthene083 Indeno (,1,2,3-cd) pyrene126 Silver040 4-chlorophenyl phenyl ether(2,3-o-pheynylene pyrene)127 Thallium041 4-bromophenyl phenyl ether084 Pyrene126 Silver042 Bis(2-chloroisopropyl) ether085 Tetrachloroethylene128 Zinc043 Bis(2-chloroethoxy) methane086 Toluene129 2,3,7,8-tetrachloro-dibenzo-p-dioxin044 Methylene chloride (dichloromethane)087 Trichloroethylene(TCDD)045 Methyl chloride (dichloromethane)088 Vinyl chloride (chloroethylene)   |                                   | 082 1,2,5,6-dibenzanthracene (dibenzo(,h) | <u> </u>                              |
| 039 Fluoranthene 040 4-chlorophenyl phenyl ether 041 4-bromophenyl phenyl ether 042 Bis(2-chloroisopropyl) ether 043 Bis(2-chloroethoxy) methane 044 Methylene chloride (dichloromethane) 045 Methyl chloride (dichloromethane) 045 Methyl chloride (dichloromethane) 046 Silver 127 Thallium 126 Silver 127 Thallium 126 Silver 128 Zinc 128 Zinc 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (TCDD)   |                                   |   | 125 Selenium                          |
| 040 4-chlorophenyl phenyl ether(2,3-o-pheynylene pyrene)127 Thallium041 4-bromophenyl phenyl ether084 Pyrene126 Silver042 Bis(2-chloroisopropyl) ether085 Tetrachloroethylene128 Zinc043 Bis(2-chloroethoxy) methane086 Toluene129 2,3,7,8-tetrachloro-dibenzo-p-dioxin044 Methylene chloride (dichloromethane)087 Trichloroethylene(TCDD)045 Methyl chloride (dichloromethane)088 Vinyl chloride (chloroethylene)   | 039 Fluoranthene                  |   |                                       |
| 041 4-bromophenyl phenyl ether 042 Bis(2-chloroisopropyl) ether 043 Bis(2-chloroethoxy) methane 044 Methylene chloride (dichloromethane) 045 Methyl chloride (dichloromethane) 045 Methyl chloride (dichloromethane) 046 Pyrene 087 Tetrachloroethylene 087 Trichloroethylene 088 Vinyl chloride (chloroethylene) 088 Vinyl chloride (chloroethylene)  |                                   |   |                                       |
| 042 Bis(2-chloroisopropyl) ether085 Tetrachloroethylene128 Zinc043 Bis(2-chloroethoxy) methane086 Toluene129 2,3,7,8-tetrachloro-dibenzo-p-dioxin044 Methylene chloride (dichloromethane)087 Trichloroethylene(TCDD)045 Methyl chloride (dichloromethane)088 Vinyl chloride (chloroethylene)   |                                   |   |                                       |
| 043 Bis(2-chloroethoxy) methane 086 Toluene 129 2,3,7,8-tetrachloro-dibenzo-p-dioxin 044 Methylene chloride (dichloromethane) 087 Trichloroethylene 085 Winyl chloride (chloroethylene)  |                                   |   |                                       |
| 044 Methylene chloride (dichloromethane) 087 Trichloroethylene (TCDD) 045 Methyl chloride (dichloromethane) 088 Vinyl chloride (chloroethylene)  |                                   |   |                                       |
| 045 Methyl chloride (dichloromethane) 088 Vinyl chloride (chloroethylene)  |                                   |   |                                       |
|  |                                   |   | <b> </b> `                            |
|  | 046 Methyl bromide (bromomethane) | 089 Aldrin                                |                                       |



## Legend

---- Agricultural Reuse Area (regulated under Order R5-2013-0126-01)

Proposed Fill Station

NCPA = Northern California Power Agency SJCVD = San Joaquin County Vector District



~3,000 feet

# SITE LOCATION MAP AND SITE PLAN

**CITY OF LODI** WHITE SLOUGH WATER POLLUTION **CONTROL FACILITY** 

**SAN JOAQUIN COUNTY**