

ISSUED TO: Intel Corporation
Ronler Acres Campus
2501 NE Century Blvd
Hillsboro, OR 97124

PERMIT CLASSIFICATION:
Categorical Industrial User: 40 CFR 469.18 Subpart A and Local Limits

SOURCES COVERED BY THIS PERMIT:

TYPE OF WASTE	OUTFALL	LOCATION
Pretreated wastewater - N2	006	45.548182, -122.919670
Pretreated wastewater - PAWN	007	45.546118, -122.920073
Pretreated wastewater - WATR	008	45.548229, -122.921636
Pretreated wastewater - CALC	010	Formula
(Inactive) Pretreated wastewater - IWW	005	45.542600, -122.923735

PERMITTED ACTIVITIES

Intel Corporation-Ronler Acres Campus (herein known as Permittee) is hereby authorized to discharge to the Rock Creek Advanced Wastewater Treatment Facility, through the discharge point(s) identified in Section 1.B., into the public sanitary sewer system in accordance with the conditions set forth in this permit.

This permit is effective **November 23, 2019**, and will expire at midnight on **November 22, 2024**. This renewed permit is issued based upon the information provided in the Application for Industrial Waste Discharge Permit, submitted on **May 1, 2018**.

Duty to Comply

Compliance with this permit does not relieve the Permittee of its obligation to comply with any or all applicable sewer regulations, standards or requirements under local, state and federal laws, including any such regulations, standards, requirements or laws that may become effective during the term of this permit.

Civil and Criminal Penalties

Discharges not identified in this permit may be cause for enforcement as identified in the following. Noncompliance with any term or condition of this permit, or any compliance schedule, shall constitute a violation of the District's Sewer Use Ordinance(s), and may be grounds for administrative action or enforcement proceedings including civil or criminal penalties (of up to \$25,000 per day per violation), injunctive relief and summary abatement, as identified in Sewer Use Ordinance No. 27 and Sewer Use Regulations Resolution & Order 09-1, or as amended.

Transferability

In no case will this permit be transferred to another owner, partnership or corporation without prior written permission from the District. The Permittee wishing to transfer a permit to a new owner must notify the District in writing at least 60 days in advance of any anticipated transfer. Written notification must include information by the new owner which certifies the new owner's intent not to change the facility's operations or processes; identifies the specific date on which the transfer is to occur; and acknowledges full responsibility for complying with the wastewater discharge permit.

Failure to provide advance notice of a transfer renders the wastewater permit void on the date of the facility transfer. In the event ownership of the permitted discharge changes, the owner of this permit shall provide a copy of this permit to the new owner or operator.

Duty to Reapply

If the Permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the Permittee must apply for and have the permit renewed. The Permittee is required to resubmit the Baseline Monitoring Report Application for an Industrial Waste Discharge Permit, which must be submitted at least 90 days prior to the expiration date in accordance with the requirements of the District's Sewer Use Ordinance and Resolution & Order 09-1, Sections 3.03 and 3.11, or as amended.

By: [Signature] Date: 21 November 2019
District Representative

[Signature] Date: 11/22/19 [Signature] Date: 11/22/19
Source Control Investigator Industry Representative

SECTION 1 MONITORING REQUIREMENTS

1.A. Applicable Federal Regulations for this permit: 40 CFR Part 403. EPA Categorical Classification: 40 CFR Part 469.18 Subpart A semiconductor manufacturing/silicon, photolithography, chemical etching & resist removal and Local Limits.

1.B. Permitted Outfalls

During the effective period of this permit, the Permittee is authorized to discharge process wastewater from the outfalls defined below: (Refer to diagrams on last pages of this permit for outfall locations).

- Outfall 005:** (Inactive)Wastewater from semiconductor manufacturing (IWW)
Located at D1X Bypass Road (on campus road), off NE Shute Road, west of D1X Mod2. Enter through RS5 security point for contractor access
- Outfall 006:** Wastewater from nitrogen gas manufacturing (N2)
Located at North Support Road (on campus road), off NW Evergreen Parkway, east of EGEN building. Enter through RS5 security point for contractor access
- Outfall 007:** Wastewater from semiconductor manufacturing (PAWN)
Located at Evergreen Reservoir Road (on campus road), off NE Shute Road. Enter through RS5 security point for contractor access
- Outfall 008:** Wastewater from semiconductor manufacturing (WATR)
Located off NW Evergreen Parkway, east of the RS4 building. Enter through RS5 security point for contractor access
- Outfall 010:** Calculated formulas for effluent limitations (CALC) - No physical location
Mathematical calculation for mass-based limits: total arsenic, total copper, temperature.

1.C. Representative Sampling

Samples and measurements taken as required by this permit shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in this permit, and unless otherwise specified, before the permitted discharge joins or is diluted by any other waste streams, body of water or substance. Samples must also be taken and analyzed in accordance with 40 CFR Part 136 methodology.

1.D. Monitoring Requirements

The Permittee shall monitor from the following parameters, sample type and unit of measurement at the indicated frequency for each permitted outfall listed in the following tables.

(INACTIVE)MONITORING REQUIREMENTS FOR OUTFALL 005 IWW⁶

Parameter	Sample Type	Frequency	Unit of Measurement
pH	Inline probe	Continuous ^{1, 2}	S.U.
Flow	Meter	Continuous	MGD
Ammonia Nitrogen	24-hr Flow Proportional Composite	1 x Week	mg/L
Nitrite/Nitrate Nitrogen, Total	24-hr Flow Proportional Composite	1 x Week	mg/L
Temperature ³	Inline probe	Continuous	Degrees Fahrenheit ⁴
Total Arsenic	24-hr Flow Proportional Composite	1 x Week	mg/L ⁴
Total Chemical Oxygen Demand	24-hr Flow Proportional Composite	1 x Week	mg/L
Total Copper	24-hr Flow Proportional Composite	1 x Week	mg/L ⁴
Total Dissolved Solids	24-hr Flow Proportional Composite	1 x Week	mg/L
Total Phosphate as Phosphorus	24-hr Flow Proportional Composite	1 x Week	mg/L
Total Toxic Organics	24-hr Flow Proportional Composite	Biannual	mg/L ^{4, 5}

¹ During period of discharge.

² Any variation due to calibration, non-discharge or other anomaly must be noted on pH data recording sheet or logbook.

³ During summer months as defined in Temperature Management Plan (Section 3.A.)

⁴ See Effluent Limitations Outfall 010 – CALC

⁵ Biannual TTO sampling is required by this permit for items listed in 40 CFR 469.12. In lieu of testing, an approved Toxic Organic Management Plan (TOMP) pursuant to 40 CFR 40 CFR 469.13(d) and a TTO certification statement pursuant to 40 CFR 469.13 may be substituted for the aforementioned TTO sampling.

⁶ 005 is inactive. If water is ever discharged through this outfall, monitoring will be required.

MONITORING REQUIREMENTS FOR OUTFALL 006 N2

Parameter	Sample Type	Frequency	Unit of Measurement
pH	Inline probe	Continuous ^{1, 2}	S.U.
Flow	Meter	Continuous	MGD
Temperature ³	Inline probe	Continuous	Degrees Fahrenheit ⁴
<div><div>¹ During period of discharge.</div><div>² Any variation due to calibration, non-discharge or other anomaly must be noted on pH data recording sheet or logbook.</div><div>³ During summer months as defined in Temperature Management Plan (Section 3.A.)</div><div>⁴ See Effluent Limitations Outfall 010 – CALC</div></div>			

MONITORING REQUIREMENTS FOR OUTFALL 007 PAWN

Parameter	Sample Type	Frequency	Unit of Measurement
pH	Inline probe	Continuous ^{1, 2}	S.U.
Flow	Meter	Continuous	MGD
Ammonia Nitrogen	24-hr Flow Proportional Composite	3 x Week	mg/L
Azoles	24-hr Flow Proportional Composite	3 x Week	mg/L
Nitrite/Nitrate Nitrogen, Total	24-hr Flow Proportional Composite	3 x Week	mg/L
Temperature ³	Inline probe	Continuous	Degrees Fahrenheit ⁴
Total Kjeldahl Nitrogen	24-hr Flow Proportional Composite	3 x Week	mg/L
Total Arsenic	24-hr Flow Proportional Composite	1 x Week	mg/L ⁴
Total Chemical Oxygen Demand	24-hr Flow Proportional Composite	1 x Week	mg/L
Total Cobalt	24-hr Flow Proportional Composite	1 x Week	mg/L
Total Copper	24-hr Flow Proportional Composite	1 x Week	mg/L ⁴
Total Dissolved Solids	24-hr Flow Proportional Composite	1 x Week	mg/L
Total Phosphate as Phosphorus	24-hr Flow Proportional Composite	1 x Week	mg/L
Total Suspended Solids	24-hr Flow Proportional Composite	3 x Week	mg/L
Total Toxic Organics	24-hr Flow Proportional Composite	Biannual	mg/L ^{4, 5}
<div><div>¹ During period of discharge.</div><div>² Any variation due to calibration, non-discharge or other anomaly must be noted on pH data recording sheet or logbook.</div><div>³ During summer months as defined in Temperature Management Plan (in Section 3.A.)</div><div>⁴ See Effluent Limitations Outfall 010 – CALC</div><div>⁵ Biannual TTO sampling is required by this permit for items listed in 40 CFR 469.12. In lieu of testing, an approved Toxic Organic Management Plan (TOMP) pursuant to 40 CFR 40 CFR 469.13(d) and a TTO certification statement pursuant to 40 CFR 469.13 may be substituted for the aforementioned TTO sampling.</div></div>			

MONITORING REQUIREMENTS FOR OUTFALL 008 WATR

Parameter	Sample Type	Frequency	Unit of Measurement
pH	Inline probe	Continuous ^{1, 2}	S.U.
Flow	Meter	Continuous	MGD
Ammonia Nitrogen	24-hr Flow Proportional Composite	3 x Week	mg/L
Hydrogen Peroxide	Grab	3 x Week	mg/L
Nitrite/Nitrate Nitrogen, Total	24-hr Flow Proportional Composite	3 x Week	mg/L
Temperature ³	Inline probe	Continuous	Degrees Fahrenheit ⁴
Total Kjeldahl Nitrogen	24-hr Flow Proportional Composite	3 x Week	mg/L
Total Arsenic	24-hr Flow Proportional Composite	1 x Week	mg/L ⁴
Total Chemical Oxygen Demand	24-hr Flow Proportional Composite	1 x Week	mg/L
Total Cobalt	24-hr Flow Proportional Composite	1 x Week	mg/L
Total Copper	24-hr Flow Proportional Composite	1 x Week	mg/L ⁴
Total Dissolved Solids	24-hr Flow Proportional Composite	1 x Week	mg/L
Total Phosphate as Phosphorus	24-hr Flow Proportional Composite	1 x Week	mg/L
Total Suspended Solids	24-hr Flow Proportional Composite	3 x Week	mg/L
Total Toxic Organics	24-hr Flow Proportional Composite	Biannual	mg/L ^{4, 5}
<div><div>¹ During period of discharge.</div><div>² Any variation due to calibration, non-discharge or other anomaly must be noted on pH data recording sheet or logbook.</div><div>³ During summer months as defined in Temperature Management Plan (in Section 3.A.)</div><div>⁴ See Effluent Limitations Outfall 010 – CALC</div><div>⁵ Biannual TTO sampling is required by this permit for items listed in 40 CFR 469.12. In lieu of testing, an approved Toxic Organic Management Plan (TOMP) pursuant to 40 CFR 40 CFR 469.13(d) and a TTO certification statement pursuant to 40 CFR 469.13 may be substituted for the aforementioned TTO sampling.</div></div>			

SECTION 2 EFFLUENT LIMITATIONS

The discharges from the following outfalls shall not exceed the specified effluent limitations.

(INACTIVE) EFFLUENT LIMITATIONS OUTFALL 005 – IWW⁵

Outfall	Parameter	Min Daily Conc.	Max Daily Conc.	Max Daily Load	Mo. Avg. Load	Unit	Sample Frequency	Sample Type
005	pH ¹	> 5.0	≤ 12.5	----	----	S.U.	Continuous	Continuous
005	pH ²	≥ 6.0	≤ 11.0	----	----	S.U.	Continuous	Continuous
005	Total Toxic Organics ^{3,4}	----	1.34	----	----	mg/L	Biannual	24-hr Flow Proportional Composite

EFFLUENT LIMITATIONS OUTFALL 006 - N2

Outfall	Parameter	Min Daily Conc.	Max Daily Conc.	Max Daily Load	Mo. Avg. Load	Unit	Sample Frequency	Sample Type
006	pH ¹	> 5.0	≤ 12.5	----	----	S.U.	Continuous	Continuous
006	pH ²	≥ 6.0	≤ 11.0	----	----	S.U.	Continuous	Continuous

EFFLUENT LIMITATIONS OUTFALL 007 - PAWN

Outfall	Parameter	Min Daily Conc.	Max Daily Conc.	Max Daily Load	Mo. Avg. Load	Unit	Sample Frequency	Sample Type
007	pH ¹	> 5.0	≤ 12.5	----	----	S.U.	Continuous	Continuous
007	pH ²	≥ 6.0	≤ 11.0	----	----	S.U.	Continuous	Continuous
007	Total Toxic Organics ^{3,4}	-----	1.37	----	----	mg/L	Biannual	24-hr Flow Proportional Composite

EFFLUENT LIMITATIONS OUTFALL 008 – WATR

Outfall	Parameter	Min Daily Conc.	Max Daily Conc.	Max Daily Load	Mo. Avg. Load	Unit	Sample Frequency	Sample Type
008	pH ¹	> 5.0	≤ 12.5	----	----	S.U.	Continuous	Continuous
008	pH ²	≥ 6.0	≤ 11.0	----	----	S.U.	Continuous	Continuous
008	Total Toxic Organics ^{3,4}	----	1.34	----	----	mg/L	Biannual	24-hr Flow Proportional Composite

¹

Any time the pH (evaluated by either grab or continuous monitoring) of the effluent is less than a pH level 5.0, or is equal to or greater than a pH of 12.5, a gross pH violation has occurred.

²

For continuous monitoring a daily violation will have occurred if during a calendar day (12:00 midnight to 12:00 midnight) a pH measurement exceeds the permit limit by continuous monitoring, is within the pH range of greater than 5.0 and less than 12.5 and the accumulated time outside the permit limit is greater than one hour.

³

Biannual TTO sampling is required by this permit for items listed in 40 CFR 469.12. In lieu of testing, an approved Toxic Organic Management Plan (TOMP) pursuant to 40 CFR 40 CFR 469.13(d) and a TTO certification statement pursuant to 40 CFR 469.13 may be substituted for the aforementioned TTO sampling.

⁴

See Effluent Limitations Outfall 010 – CALC

⁵

005 is inactive. If water is ever discharged through this outfall, effluent limitations will be in effect.

EFFLUENT LIMITATIONS OUTFALL 010 CALC⁴

Outfall	Parameter	Min Daily Conc.	Max Daily Conc.	Max Daily Average	Max Daily Load	Mo. Avg. Load	Unit
010	Calculated Copper: 005, 007, 008 ¹	----	----	-----	5.0	-----	Pounds per Day
010	Calculated Arsenic: 005,007, 008 ²	----	----	-----	-----	1.436	Pounds per Day
010	Calculated Temperature ³ 005,006,007,008	-----	-----	77	-----	-----	Degrees Fahrenheit
<div><div>¹Calculated copper daily load to be calculated and submitted, in addition to individual weekly copper analyses results from each outfall.</div><div>²Calculated arsenic monthly average to be calculated and submitted, in addition to individual weekly arsenic analyses results from each outfall.</div><div>³Calculated max daily average temperature to be calculated and submitted, in addition to individual max daily temperature readings from each outfall. Calculation method to be defined in Temperature Management Plan (in Section 3.A).</div><div>⁴005 is inactive. If water is ever discharged through this outfall, it will be used in calculations.</div></div>							

SECTION 3 PERMIT CONDITIONS

3.A. Additional Permit Conditions

The following additional permit conditions apply. By accepting this permit, the user acknowledges that all known constituents that could be disposed of into the sanitary sewer system have been disclosed to the District.

- a.

The target level for phosphorus at the outfalls is <3.0 mg/L.
- b.

No discharges are allowed directly to the sanitary sewer from any metal plating baths.
- c.

Permittee shall operate and maintain approved fluoride removal system(s) based an approved fluoride management plan. Plan has been received and approved by the District on July 15, 2019.
- d.

Hydrogen peroxide management plan has been received and approved by the District on September 5, 2019.
- e.

Temperature management plan has been received and approved by the District on September 5, 2019.
- f.

IWW diversion plan has been received and approved by the District on September 5, 2019.
- g.

Nitrification inhibition management plan has been received and approved by the District on September 5, 2019.

3.B. Report on Compliance

Within 90 days following the date for final compliance with an applicable Categorical Pretreatment Standard, or, in the case of a new source, within 90 days following commencement of the introduction of wastewater into the sewer system, the Permittee subject to Pretreatment Standards and Requirements shall submit to the District a Report On Compliance as required in 40 CFR 403.12(d) in order to determine compliance status. This is due no later than: **90 days after first silicon out of D1XMod2.**

3.C. Solvent and Toxic Organic Management Plan (STOMP/TOMP)

This plan is required in order to assess the uses and disposal procedures related to solvent and/or toxics presence and usage on the premises.

- ☒

A Solvent and Toxic Organic Management Plan has been received and approved by the District. Received on **February 10, 2017**. Approved on **November 29, 2017**.

3.D. Accidental Spill Prevention Plan (ASPP)

An Accidental Spill Prevention Plan is required for identification and correction of potential problems. This plan, per the requirements in 40 CFR Parts 403.8(f)(2)(vi) and 403.12(f) and (j), is necessary to assess and condition the emergency planning of the Permittee in case of a slug load or chemical spill at the facility. If District decides an Accidental Spill Prevention Plan is needed, it shall contain at a minimum:

- a.

A description of discharge practices, including nonroutine batch discharges.
- b.

A description or listing of stored chemicals.
- c.

Procedures for immediately notifying District of slug discharges with procedures for follow-up written notification within five (5) business days.
- d.

If necessary, procedures to prevent adverse impact from accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site runoff, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants (including solvents) and/or measures and equipment for emergency response.

Conditions of an approved Accidental Spill Prevention Plan are enforceable under this permit. Significant Industrial Users are required to notify District immediately of any changes at their facility affecting the potential for a slug discharge.

☒ An Accidental Spill Prevention Plan has been received and approved by the District. Received on **February 10, 2019** and approved on **November 29, 2019**.

3.E. Biannual Sampling

Biannual sampling, if required, may be performed at any time during the periods of January to June, and July to December. The results need to be reported to the District as indicated in Section 1.D. unless a violation has occurred, in which case the requirements of violation notification period specified in Section 4.D. and resampling/resubmitting shall prevail. In no case shall the interval of required biannual sampling exceed six (6) months.

3.F. Purchased Flow Capacity

Flow Volume: This permit is issued based on the following purchased capacity:

Monthly Average = 7,191,064 gallons per day

Any applicable flow meters are to be read and recorded **daily** on the self-monitoring report form. The total flow volume is to be calculated as directed. These flow values are to be reported with any other self-monitoring requirements established in Section 4 of this permit.

Administrative penalties defined in the District’s Resolution and Order 09-1, or as amended, will apply for volumes discharged beyond these purchased capacities.

SECTION 4 REPORTING REQUIREMENTS

4.A. Self-Monitoring Report (SMR) Submission

Any Permittee subject to sampling, testing and reporting schedules set out in the permit shall submit periodic compliance reports per 40 CFR Parts 403.12(e) and (h). The reports are due on the tenth (10th) day of the month following discharge. For any information faxed or emailed to the District, the original must be mailed to the District as a follow-up.

4.B. Self-Monitoring Report Data

The self-monitoring report will include the following information on a District-approved Industrial User self-monitoring report form. The self-monitoring report shall indicate the date, parameter, concentration and unit of measurement of all effluent monitoring requirements for which sampling, analysis and flow measurement were performed during the calendar month preceding the submission of each report.

SUBMISSION REQUIREMENTS FOR MONTHLY SELF-MONITORING REPORT

Flow	Date Month/Day/Year	Flow Meter Reading	Monthly End Flow Meter Reading	Flow in Million Gallons per Day (MGD)	Monthly Average Daily Flow (MGD)	Monthly Daily Flow Minimum	Monthly Daily Flow Maximum
Frequency	Daily	Daily	Monthly	Daily	Monthly	Monthly	Monthly
pH	Date Month/Day/Year	Monthly pH Minimum	Monthly pH Maximum	Daily pH Minimum	Daily pH Maximum	Minutes ≥11.0	Minutes < 6.0
Frequency	Daily	Monthly	Monthly	Daily	Daily	Daily	Daily
Monitoring Requirements	Date Month/Day/Year	Parameter	Concentration	Unit of Measurement			
Frequency	Date of sample	1	2	3			
<div><div>1</div>Example (Chemical Oxygen Demand, Total Suspended Solids, pH)<div>2</div>Example (0.09, 10.5, 3500)<div>3</div>Example (mg/L, S.U., minutes)</div>							

4.C. Submittal of Pollutant Analysis

If the Permittee subject to reporting requirements in 40 CFR 403.12(e) (periodic compliance reports) monitors any regulated pollutant more frequently than required by the District, using the procedures specified in 40 CFR Part 136, and from the location identified on the last page of this permit, the results of this monitoring shall be included in the compliance report.

4.D. Violation Notification Requirement

If sampling performed by the Permittee indicates a permit violation, the Permittee shall notify the District within **TWO (2) hours, but in no case more than 24 hours, once aware of the violation**. The Permittee shall also repeat the sampling and analysis and submit the results of the repeat analysis to the District within 30 days after becoming aware of the violation per 40 CFR Part 403.12(g). The Permittee must continue the notification and resampling requirement until compliance is achieved.

4.E. Notification of Significant Changes

The Permittee shall immediately report any significant changes (permanent or temporary) to the premises or operations that cause substantial changes in production, volume or character of the wastewater discharge, or deviate from the terms and conditions of this permit, per the requirements in 40 CFR Parts 403.12(j) and 403.6(c)(7). Unless emergency situations prevail, the District requires that changes be reported prior to being implemented. Permit violations may occur if notification requirements are not followed.

4.F. Notification of Slug Load or Spill

All categorical and non-categorical Industrial Users shall notify District immediately of all discharges that could cause problems to the Publicly Owned Treatment Works (POTW), including any slug loadings.

4.G. Hazardous Waste Notification Provision

Notification from the Permittee is required to the District, the EPA Resource Conservation and Recovery Act Director and the Oregon State Hazardous Waste Director within 90 days of the effective date of a published Resource Conservation and Recovery Act ruling, of a discharge (or changed discharge) of either a listed or characteristic hazardous waste to the sanitary sewer, per the requirements in 40 CFR Part 403.12(p). The District requests notification even if the results of the hazardous material sampling are submitted on self-monitoring reports (periodic compliance reports).

4.H. Affirmative Defense

An upset, and an affirmative defense for such, shall not be allowed under circumstances where noncompliance has been caused by operational error, improperly designed or inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation. In case of an upset or upon reduction, loss or failure of its treatment facility, the Permittee shall control production and/or all discharges to the extent necessary to maintain compliance with applicable pretreatment standards until treatment is restored or an alternative method of treatment is provided. This requirement also applies in situations where the primary source of power for the treatment facility is reduced, lost or fails.

4.I. Bypass

The intentional diversion of one or more waste streams or processes that would cause a permit violation of applicable Pretreatment Standards is prohibited. Notification of an anticipated bypass that exceeds applicable Pretreatment Standards must be made within 24 hours of the industry becoming aware of the bypass per the District's Industrial Sewer Rules and Regulations (R&O 09-1).

4.J. Reporting Requirements for Categorical Standards, Effective Date (180 days)

In the case of the baseline monitoring report requirement for industrial users upon the effective date of a categorical standard, if the standard requires compliance with a BMP or pollution prevention alternative, the user shall submit documentation as required by the District or the applicable standard to determine compliance with the standard.

SECTION 5 NOTIFICATION AND RECORD-KEEPING REQUIREMENTS

5.A. Application Provision for New or Changed Discharges

At least 90 days prior to commencement of discharge, new sources, including existing users which have changed operations or processes so as to become new sources shall be required to submit a Baseline Monitoring Report (Industrial Wastewater Discharge Permit Application) per the requirements in 40 CFR Part 403.12(b). The District may also request new applications if facility changes are of a magnitude that warrant additional or updated information on the processes, ownership or use.

5.B. Sample and Analysis Records Requirements

Any Permittee subject to reporting requirements in 40 CFR Part 403.12 shall retain and preserve all records, books, documents, memoranda, reports, correspondence and any and all summaries thereof, relating to monitoring, sampling and chemical analyses made by or on behalf of the Permittee in connection with its discharge. Documentation of activities to demonstrate compliance with any BMP requirements must also be retained by the Permittee. Such records shall be subject to review by the District, and shall include for all samples:

- a. The date, exact place, time and methods of sampling or measurements and sampling preservation techniques.
- b. Who performed the sampling or measurements.
- c. The date(s) the analyses were performed.
- d. Who performed the analyses.
- e. The analytical techniques or methods used.
- f. The results of such analyses.

5.C. Record Retention and Availability

The Permittee shall retain for a minimum of three years all such records defined in Section 5.B. above, and shall make such records available for inspection and copying by the District, the DEQ Director and the EPA Regional Administrator. This period may be extended by the District, the DEQ Director or the EPA at any time. All records that pertain to matters which are the subject of special orders or any other enforcement or litigation activities brought by the District shall be retained and preserved by the Permittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

SECTION 6 STANDARD CONDITIONS

6.A. Dilution Prohibition

The Permittee shall not increase the use of potable or process water in any way for the purpose of diluting a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the standards set forth in this discharge permit or any District ordinances, or in lieu of proper disposal of any material as solid waste. The District may impose mass limitations on dischargers which, in its judgment, appear to be using dilution to meet applicable pretreatment standards or requirements of this section, or in cases where the imposition of mass limitations is otherwise deemed appropriate by the District.

6.B. Representative Sampling

Samples and measurements taken as required by this permit shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in this permit, and unless otherwise specified, before the permitted discharge joins or is diluted by any other waste streams, body of water or substance. Samples must also be taken and analyzed in accordance with 40 CFR Part 136 methodology.

All equipment used for sampling and analyses must be routinely calibrated, inspected and maintained to ensure its accuracy. Monitoring points shall not be changed without notification to, and prior to District approval.

6.C. Inspection and Entry

The District may inspect the facilities of any Permittee to determine compliance with the requirements of the District rules and regulations. The Permittee shall allow the District or its representatives to enter upon the premises of the Permittee at all reasonable hours without being unreasonably detained (not to exceed 15 minutes) and without prior notification by the District, for inspection, sampling and records examination and copying. The District shall have the right to set upon the Permittee's property such devices as are necessary to conduct sampling, inspection, compliance monitoring and/or metering operations. Unusual clearance requirements for security may be considered unreasonable for purposes of this section.

6.D. Signatory Requirements/Certification Statement

The signed certification statement defined in 40 CFR Part 403.6(a)(2)(ii) shall accompany all reports and testing results submitted by any Permittee. All reports submitted by Significant Industrial Users shall be signed per the signatory requirements in 40 CFR Part 403.12(l).

6.E. Proper Sampling and Analysis Procedures

All collection, preservation, handling and laboratory analyses of samples for compliance monitoring shall be performed in accordance with 40 CFR Part 136, and amendments thereto, unless specified otherwise in this permit. If a commercial laboratory performs sampling and/or analysis on behalf of the Permittee, it is the Permittee's responsibility to ensure that all sampling and analyses are performed in accordance with 40 CFR Part 136, or as otherwise specified.

6.F. Grab vs. Composite Sample Pollutants

For any constituents listed under Section 1.D. of this permit, grab samples must be used for pH (unless using a chart recorder), cyanide, total phenols, oil and grease, sulfide and volatile organic compounds. For all other pollutants, 24-hour composite samples must be obtained through flow-proportional composite sampling techniques, unless time-proportional composite sampling or grab sampling is authorized by the District. If time-proportional or grab sampling is authorized, the samples must be representative of the discharge and the decision to allow such sampling techniques must be documented in the Industrial User's file.

6.G. Permit Modification

The District reserves the right to amend any Wastewater Discharge Permit issued hereunder for good cause including, but not limited to the following:

- a. To incorporate any new or revised local, state or federal pretreatment standards or requirements.
- b. Alterations or additions to the Permittee's operations, processes, discharge volume or characteristic not considered in drafting the original permit.
- c. A change in any condition at the Permittee's facility or the POTW requiring a temporary or permanent reduction or elimination of the authorized discharge.
- d. Information indicating that the permitted discharge poses a threat to the POTW's collection or treatment systems, personnel or receiving waters.
- e. Violation of any terms or conditions of the permit.
- f. Misrepresentation or failure to disclose fully all relevant facts in the permit application or any required reporting.
- g. Revision of, or a grant of variance from applicable categorical standards per 40 CFR Parts 403.13, 403.6(e) or 403.15.
- h. To correct typographical or other errors in the permit.
- i. To reflect transfer of the facility ownership and/or operation to a new owner/operator.
- j. Upon request of the permitted Industrial User, provided the request does not violate any requirements, standards, laws, rules or regulations.

6.H. Federal and Local General Discharge Prohibitions

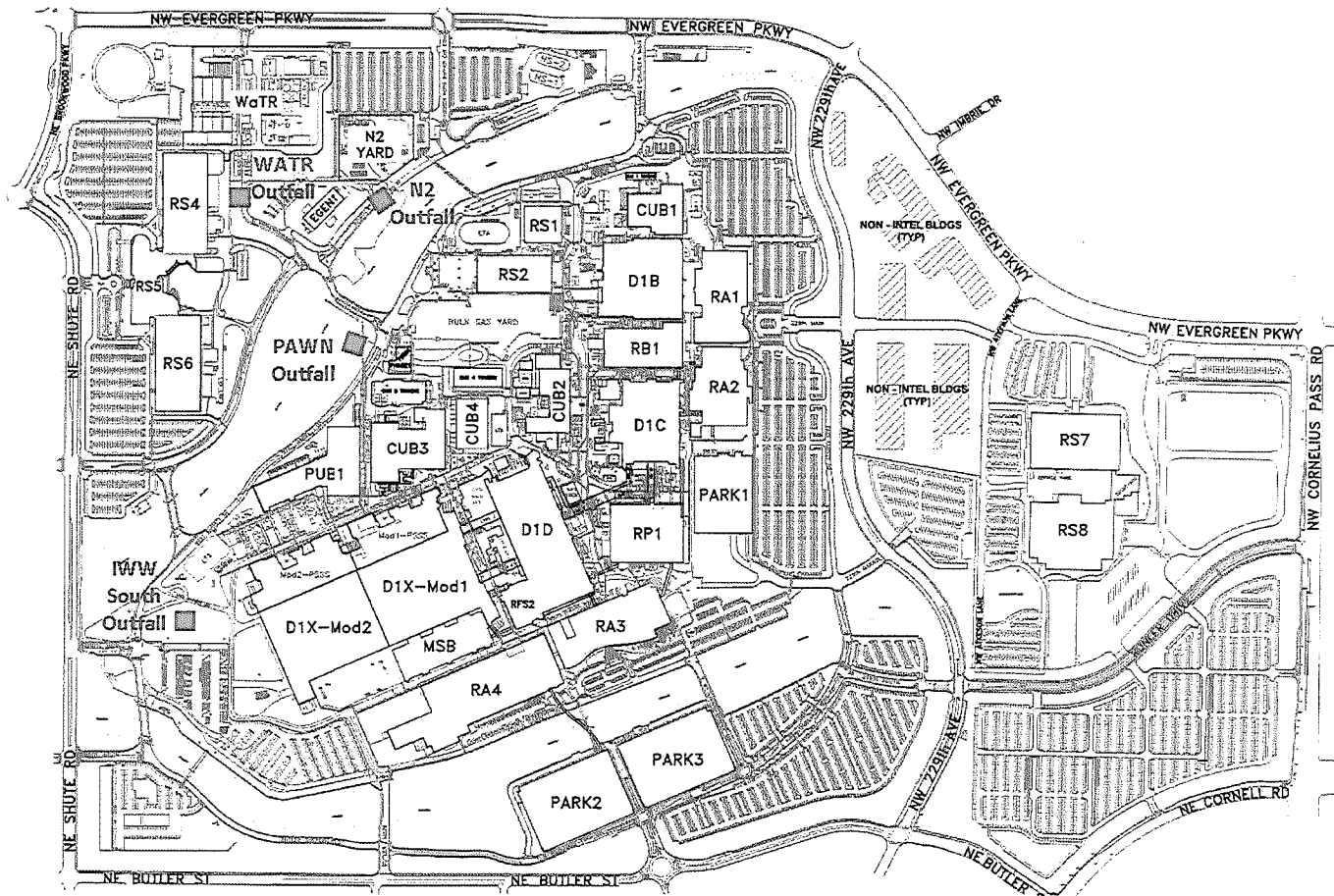
The Permittee shall not discharge, cause or permit to be discharged, directly or indirectly, any pollutant or wastewater, which will cause interference or pass-through at the treatment plant(s). These general and specific prohibitions apply to

all users of the District's wastewater system whether or not they are subject to Categorical Pretreatment Standards or any other national, state or local pretreatment standards or requirements. Per 40 CFR Part 403.5(b) and the District's Resolution & Order 09-1, Section 2.02, or as amended, the Permittee shall not discharge wastewater containing any of the following prohibitions from any of its permitted outfalls:

- a. Any liquids, solids or gases which by reason of their nature or quantity are, or may be sufficient either alone or by interaction to cause fire or explosion or be injurious in any other way to the facilities or operations of the District. This prohibition includes waste streams with a closed cup flash point of less than 140 degrees Fahrenheit (60 degrees Celsius), using the test method specified in 40 CFR 261.21; or any waste stream creating an atmospheric environment at any point in the system in which two (2) consecutive readings on an explosive hazard meter are recorded at a level greater than five percent (5%) nor any single reading over ten percent (10%) of the lower explosive limit of the meter.
- b. Such flammable or explosive substances include, but are not limited to, gasoline, kerosene, naphtha, benzene, hexane, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides and sulfides.
- c. Solid (greater than 1/2 inch in any dimension) or viscous substances (including but not limited to petroleum oil, non-biodegradable cutting oil or products of mineral oil origin), which will or may cause obstruction to the flow in a sewer or other interference with the operation of the wastewater system including, but not limited to animal and vegetable based fats, wax, grease or oils, emulsified or not, or containing substances which may solidify or become viscous at temperatures between 32 degrees Fahrenheit and 150 degrees Fahrenheit (0 degrees Celsius and 65 degrees Celsius).
- d. Any wastewater having any corrosive property capable of causing damage or hazard to structures, equipment or personnel of the District system, unless the District approves such waste in variance because of special conditions in the system, but in no case shall the pH be less than 5.0 or equal to or greater than 12.5.
- e. Any wastewater containing pollutants or other wastes in sufficient quantity, flow or concentration including, but not limited to BOD, COD, etc. either singly or by interaction, to cause pass-through or interfere with any wastewater treatment or biosolids disposal process, or constitute a hazard to humans or animals, or to exceed any limitations adopted as Categorical Pretreatment Standards. A toxic pollutant shall include, but not be limited to, any pollutant identified in the Organic Toxic Pollutant List set forth in 40 CFR Part 122, Appendix D. All toxic pollutants shall be deemed to be "prohibited or regulated substances" for purposes of this ordinance.
- f. Any noxious or malodorous liquids, gases, solids or other wastewater which either singly or by interaction are capable of creating a public nuisance or hazard to life or are sufficient to prevent entry into the sewers for their maintenance and repair. No discharges shall result in toxic gases, vapors or fumes within the collection or treatment system in a quantity that may cause worker health and safety problems.
- g. Any substance which may cause the system's effluent or treatment residues, biosolids or scums to be unsuitable for reclamation and reuse or to interfere with the reclamation process or any substance which may cause the system to be in noncompliance with biosolids use or disposal criteria, guidelines or regulations developed under Section 405 of the Act; any criteria, guidelines or regulations affecting biosolids use or disposal developed pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act or state standards applicable to the biosolids management methods being used.
- h. Any sludges, screenings or other residues from the pretreatment of industrial wastes.
- i. Any substance discharged in such strength as to potentially cause the District system to violate its NPDES and/or other disposal system permits.
- j. Any trucked or hauled pollutants, except at discharge points designated by the District.
- k. Any substances identified as hazardous waste according to 40 CFR Part 261, except as specifically authorized by the District.
- l. Any substance with objectionable color not removed in the treatment process, such as, but not limited to, dye wastes and vegetable tanning solutions.
- m. Any wastewater having a temperature which will inhibit biological activity in a District treatment plant resulting in interference; but in no case, wastewater with a temperature at the introduction into the POTW (measured at the nearest downstream manhole) which exceeds 104 degrees Fahrenheit (40 degrees Celsius).
- n. Any slug load.
- o. Any unpolluted water including, but not limited to, noncontact cooling water, rainwater, groundwater, surface drainage, roof drainage, water from yard fountains, ponds or pools, (except filter backwash water from swimming pools and reverse osmosis reject water) unless prior written approval has been obtained from the District.
- p. Any wastewater containing any radioactive wastes or isotopes of such half-life or concentration as to exceed limits established by the District or any applicable state or federal regulations.
- q. Any wastewater which causes a hazard to human life or creates a public nuisance, such as, but not limited to, other wastes as defined in Section 1.04.39 of the Sewer Use Rules and Regulations (Resolution and Order 9-01).

“Other wastes include wastes other than human waste, but are not limited to ashes, cinders, industrial sludges, sand, mud, straw, insoluble shavings, metal, glass, rags, feathers, tar, creosote, waste antifreeze, plastics, wood, animal paunch contents, offal, blood, bones, meat trimmings and wastes, fish or fowl heads, entrails, trimmings and wastes, lard, tallow, baking dough, chemicals, paint residues, cannery waste bulk solids, hair and fleshings, or plastic or paper dishes, cups, or food or beverage containers, whether whole or ground.”

Location of Four Outfalls in Site Map



Pretreatment System Diagram

