United States Environmental Protection Agency
Region 10
1200 Sixth Avenue Suite 900
Seattle, Washington 98101-3140

Authorization to Discharge Under the National Pollutant Discharge Elimination System

In compliance with the provisions of the Clean Water Act, 33 U.S.C. §1251 *et seq*., as amended by the Water Quality Act of 1987, P.L. 100-4, the "Act",

South Fork Coeur d'Alene Sewer District (SFCDSD) Mullan Wastewater Treatment Plant

is authorized to discharge from the water pollution control facility located at 191 Mill Road Mullan, Idaho at the following location:

Outfall	Receiving Water	Latitude	Longitude
001	South Fork Coeur d'Alene River	47º 27' 55"	115 º 48' 38"

in accordance with discharge point(s), effluent limitations, monitoring requirements and other conditions set forth herein.

This permit shall become effective insert date.

This permit and the authorization to discharge shall expire at midnight, insert date.

The permittee shall reapply for a permit reissuance on or before insert date, 180 days before the expiration of this permit if the permittee intends to continue operations and discharges at the facility beyond the term of this permit.

Signed this day of

DRAFT

Daniel D. Opalski, Director
Office of Water and Watersheds

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Schedule of Submissions

The following is a summary of some of the items the permittee must complete and/or submit to EPA during the term of this permit:

	Item	Permit Reference	Due Date
1.	Discharge Monitoring Reports (DMR)	III.B.1	The DMRs are due monthly and must be postmarked on or before 15th day of the month for the previous monitoring month.
2.	Surface Water Monitoring Report	I.C.3	Data must be submitted with DMR for the month the sampling was completed. Additionally, the permittee must submit all monitoring results and sample collection dates electronically on an Excel® spreadsheet with the NPDES application which is due 180 days before the expiration date of the permit.
3.	Operation and Maintenance (O&M) Plan	II.A	The permittee must provide to the EPA and the IDEQ with written notification that the Plan has been developed and implemented within 180 days after the effective date of the final permit. The Plan must be kept on site and made available to EPA and the IDEQ upon request.
4.	Quality Assurance Plan (QAP)	II.B	The permittee must provide to the EPA and the IDEQ written notification that the Plan has been developed and implemented within 60 days after the effective date of the final permit. The Plan must be kept on site and made available to the EPA and the IDEQ upon request.
5.	Compliance Schedule – Report of Progress	II.C	The permittee must provide to the EPA and the IDEQ written notification of the progress toward compliance with the cadmium, lead and zinc limit. The first submission is due March 1, 2017 for the calendar year 2016, and annually thereafter.
6.	Compliance Schedule	II.C and III.K "Compliance Schedules"	Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit must be submitted no later than 14 days following each schedule date.
7.	Facility Planning Requirement	II.D	The permittee must develop a facility plan for maintaining capacity if annual average values exceed 85% of the design criteria.

Item	Permit Reference	Due Date
8. Emergency Response and Public Notification Plan	II.E	The permittee must develop and implement an overflow emergency response and public notification plan. The permittee must submit written notice to EPA and the IDEQ that the plan has been developed and implemented within 180 days of the effective date of this permit.
9. Twenty-Four Hour Notice of Noncompliance Reporting	III.G	The permittee must report certain occurrences of noncompliance by telephone within 24 hours from the time the permittee becomes aware of the noncompliance.
10. NPDES Application Renewal	V.B	The application must be submitted at least 180 days before the expiration date of the permit.

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I. Limitations and Monitoring Requirements

A. Discharge Authorization

During the effective period of this permit, the permittee is authorized to discharge pollutants from outfall 001 specified herein to the South Fork Coeur d'Alene River, within the limits and subject to the conditions set forth herein. This permit authorizes the discharge of only those pollutants resulting from facility processes, waste streams, and operations that have been clearly identified in the permit application process.

B. Effluent Limitations and Monitoring

1. The permittee must limit and monitor discharges from outfall 001 as specified in Table 1. All figures represent maximum effluent limits unless otherwise indicated. The permittee must comply with the effluent limits in the table at all times unless otherwise indicated, regardless of the frequency of monitoring or reporting required by other provisions of this permit.

Table 1. Effluent Limitations and Monitoring Requirements

Parameter	Effluent Limitations				Monitoring Requirements		
	Units	Average Monthly	Average Weekly	Maximum Daily[2]	Sample Location	Sample Frequency	Sample Type
Numeric Effluent Limits							
Biochemical Oxygen Demand (BOD_5)	mg/L	**30**	**45**	**—**	Influent & Effluent	1/week	24-hour composite
	lb/day	**75**	**113**	**—**			
	% removal	**85% min.**	**—**	**—**	% removal	1/month	Calculation[3]
Total Suspended Solids (TSS) *TMDL-based limit*	mg/L	**30**	**45**	**—**	Influent & Effluent	1/week	24-hour composite
	lb/day	**67.5**	**176**	**—**			
	% removal	**85% min.**	**—**	**—**	% removal	1/month	Calculation[3]
E. coli Bacteria[1]	#/100 ml	**126 (geometric mean)**	**—**	**576 (instantaneous maximum)**	Effluent	5/month	grab
pH	s.u.	**Daily minimum 6.5** **Daily maximum 9.0**			Effluent	5/week or continuous	Grab or measurement
Total Residual Chlorine[2]	µg/L	**18**	**—**	**45**	Effluent	5/week or continuous	Grab or measurement
	lb/day	**0.082**	**—**	**0.21**			
Total Ammonia (as N)	mg/L	**8.4**	**—**	**22**	Effluent	1/week	24-hour composite
	lb/day	**39**	**—**	**101**			
Numeric Effluent Limits under Variance - Effective until midnight July 30, 2014							
Cadmium	µg/L	**5.5**	**—**	**10.8**	Effluent	1/month	24-hour composite
	lb/day	**0.025**	**—**	**0.049**			
Zinc	µg/L	**1,610**	**—**	**3,682**	Effluent	1/month	24-hour composite
	lb/day	**7.4**	**—**	**17**			

Parameter	Effluent Limitations				Monitoring Requirements		
	Units	Average Monthly	Average Weekly	Maximum Daily[2]	Sample Location	Sample Frequency	Sample Type
Interim Numeric Effluent Limits under Compliance Schedule							
Cadmium **7/31/2014 through 12/31/2034**	µg/L	**5.5**	**—**	**10.8**	Effluent	1/month	24-hour composite
	lb/day	**0.025**	**—**	**0.049**			
Lead **Upon Permit Issuance through 12/31/2034**	µg/L	**30**	**—**	**0.14**	Effluent	1/month	24-hour composite
	lb/day	**49**	**—**	**0.22**			
Zinc **7/31/2014 through 12/31/2034**	µg/L	**1,610**	**—**	**3,682**	Effluent	1/month	24-hour composite
	lb/day	**7.4**	**—**	**17**			
Final Numeric Effluent Limits – Water Quality-Based – Effective as noted below							
Cadmium *Effective* ***January 1, 2035***	µg/L	**0.68**	**—**	**1.36**	Effluent	1/month	24-hour composite
	lb/day	**0.0031**	**—**	**0.0062**			
Lead *Effective* ***January 1, 2035***	µg/L	**16**	**—**	**32**	Effluent	1/month	24-hour composite
	lb/day	**0.073**	**—**	**0.15**			
Zinc *Effective* ***January 1, 2035***	µg/L	**103**	**—**	**150**	Effluent	1/month	24-hour composite
	lb/day	**0.47**	**—**	**0.69**			
Report Parameters							
Flow	mgd	Report	—	Report	Influent or Effluent	Continuous	Measurement
Temperature	ºC	Report	—	Report.	Effluent	5/week	Grab
Dissolved Oxygen	mg/L	Report	—	Report	Effluent	1/month	Grab
Alkalinity, Total	mg/L as $CaCO_3$	Report	—	Report	Effluent	1/month	24-hour composite
Hardness, with metals sampling	mg/L as $CaCO_3$	Report	—	Report	Effluent	1/month	24-hour composite
Nitrate + Nitrite	mg/L	Report	—	Report	Effluent	2/year	24-hour composite
Oil and Grease	mg/L	Report	—	Report	Effluent	2/year	Grab
Total Phosphorus	mg/L	Report	—	Report	Effluent	2/year	24-hour composite
Total Kjeldahl Nitrogen	mg/L	Report	—	Report	Effluent	2/year	24-hour composite

1. The average monthly *E. coli* bacteria counts must not exceed a geometric mean of 126/100 ml. See Part VI for a definition of geometric mean.
2. Reporting is required within 24 hours of a maximum daily limit or instantaneous maximum limit violation. See I.B.2. and III.G.

   The limits for total residual chlorine are not quantifiable using EPA approved analytical methods. The Minimum Level (ML) for chlorine is 50 µg/L. When the daily maximum and average monthly effluent concentration is below the ML, EPA will consider the permittee in compliance with the total residual chlorine limitations.
3. The monthly average percent removal must be calculated from the arithmetic mean of the influent concentration values and the arithmetic mean of the effluent concentration values for that month. Influent and effluent samples must be taken over approximately the same time period.

2. The permittee must report within 24 hours any violation of the maximum daily limits or instantaneous maximum limits for the following pollutants: E. coli, total residual chlorine, total ammonia (as N), cadmium, lead and zinc (See III.G.). Violations of all other effluent limits are to be reported at the time that discharge monitoring reports are submitted (See III.B. and III.H.).
3. The permittee must not discharge floating, suspended, or submerged matter of any kind in amounts causing nuisance or objectionable conditions or that may impair designated beneficial uses of the receiving water.
4. The permittee must collect effluent samples from the effluent stream after the last treatment unit prior to discharge into the receiving waters.
5. Minimum Levels. For all effluent monitoring, the permittee must use methods that can achieve a minimum level (ML) less than current applicable the effluent limitation. For parameters that do not have effluent limitations, the permittee must use methods that can achieve MLs less than or equal to those specified in Table 2. For purposes of reporting on the DMR for a single sample, if a value is less than the MDL, the permittee must report "less than {numeric value of the MDL}" and if a value is less than the ML, the permittee must report "less than {numeric value of the ML}."

Table 2. Minimum Levels (MLs)

Parameter	Units	Maximum ML
Dissolved Oxygen	mg/L	0.2
Alkalinity, Total (as Ca CO_3)	mg/L	5
Hardness (as Ca CO_3)	mg/L	0.2
Nitrate + Nitrite	µg/L	50
Oil and Grease	µg/L	-
Total Phosphorus	µg/L	10
Total Kjeldahl Nitrogen	µg/L	100
Cadmium	µg/L	1.6
Lead	µg/L	1.9
Zinc	µg/L	5.7

6. For purposes of calculating monthly averages, zero may be assigned for values less than the MDL, and the {numeric value of the MDL} may be assigned for values between the MDL and the ML. If the average value is less than the MDL, the permittee must report "less than {numeric value of the MDL}" and if the average value is less than the ML, the permittee must report "less than {numeric value of the ML}." If a value is equal to or greater than the ML, the permittee must report and use the actual value. The resulting average value must be compared to the compliance level, the ML, in assessing compliance.
7. The permittee must perform the effluent testing required by Part D of NPDES application Form 2A (EPA Form 3510-2A, revised 1-99). The permittee must submit the results of this testing with each Discharge Monitoring Report (DMR)

following the compilation of analytical results and with its application for renewal of this NPDES permit. To the extent that effluent monitoring required by other conditions of this permit satisfies this requirement, these samples may be used to satisfy the requirements of this paragraph.

C. Surface Water Monitoring

The permittee must conduct surface water monitoring as indicated in Table 4 below. Surface water monitoring must start 90 days after the effective date of the permit. The surface water monitoring program must meet the following requirements:

1. Monitoring Locations

   a) Monitoring stations must be established in the South Fork Coeur d'Alene River at locations approved by the IDEQ. The monitoring locations must be:

      (i) Above the influence of the facility's discharge.

   b) Monitoring location must be identified in the QAP (see Part II.B.). The permittee must seek approval from the IDEQ for any changes to the surface water monitoring location. A failure to obtain the IDEQ approval of surface water monitoring stations does not relieve the permittee of the surface water monitoring requirements of this permit.

2. Sample Collection and Analysis

   a) To the extent practicable, surface water sample collection must occur on the same day as effluent sample collection.

   b) Quality assurance/quality control plans for all monitoring must be documented in the Quality Assurance Plan required under Part II.B., "Quality Assurance Plan".

   c) The analytical test methods for metals must, at a minimum, achieve a minimum level (ML), as specified in Table 2, or ML or interim ML (IML) as specified 40 CFR Part 136.

   d) Samples must be analyzed for the parameters listed in Table 3.

3. Reporting

   Surface water monitoring results must be reported with the appropriate Discharge Monitoring Report (DMR) in the month following the sampling event. Additionally, the permittee must submit, to the EPA, all monitoring results and sample collection dates electronically on an Excel® spreadsheet. The Excel® spreadsheet must be submitted with the NPDES application which is due 180 days before the expiration date of the permit.

Table 3. Surface Water Monitoring Requirements

Parameter	Units	Sample Locations	Sample Frequency	Sample Type	Minimum Level (ML)
River Flow	cfs	Upstream only	Continuous	Measurement, as daily average	—

Parameter	Units	Sample Locations	Sample Frequency	Sample Type	Minimum Level (ML)
Temperature	ºC	Upstream only	Continuous	Measurement, as daily max.	—
pH	standard units	Upstream of the point of discharge as described in I.C.1.a. and as approved by IDEQ	Semi-Annually[1]	Grab	—
Total Phosphorus	mg/L			Grab	Refer to 1.B.5
Total Ammonia (as N)	mg/L			Grab	Refer to 1.B.5
Hardness (as $CaCO_3$)	mg/L			Grab	Refer to 1.B.5
1. Once during low flow (June-November) period and once during high flow (December-May) period					

II. Special Conditions

A. Operation and Maintenance Plan

In addition to the requirements specified in Section IV.E. of this permit (Proper Operation and Maintenance), by 60 days after the effective date of this permit, the permittee must provide written notice to EPA and the IDEQ that an operation and maintenance plan for the current wastewater treatment facility has been updated or developed. The plan must be implemented within 180 days of the effective date of this permit. The plan shall be retained on site and made available on request to EPA and the IDEQ**.** Any changes occurring in the operation of the plant shall be reflected within the Operation and Maintenance Plan.

B. Quality Assurance Plan (QAP)

The permittee must develop a quality assurance plan (QAP) for all monitoring required by this permit. The permittee must submit written notice to the EPA and the IDEQ that the Plan has been developed and implemented within 60 days of the effective date of this permit. Any existing QAPs may be modified for compliance with this section.

1. The QAP must be designed to assist in planning for the collection and analysis of effluent and receiving water samples in support of the permit and in explaining data anomalies when they occur.
2. Throughout all sample collection and analysis activities, the permittee must use the EPA-approved QA/QC and chain-of-custody procedures described in *EPA Requirements for Quality Assurance Project Plans* (EPA/QA/R-5) and *Guidance for Quality Assurance Project Plans* (EPA/QA/G-5). The QAP must be prepared in the format that is specified in these documents.
3. At a minimum, the QAP must include the following:
   a) Details on the number of samples, type of sample containers, preservation of samples, holding times, analytical methods, analytical detection and quantitation limits for each target compound, type and number of quality assurance field samples, precision and accuracy requirements, sample

preparation requirements, sample shipping methods, and laboratory data delivery requirements.

b) Map(s) indicating the location of each sampling point.

c) Qualification and training of personnel.

d) Name, address and telephone number of each laboratory used by or proposed to be used by the permittee.

4. The permittee must amend the QAP whenever there is a modification in sample collection, sample analysis, or other procedure addressed by the QAP.

5. Copies of the QAP must be kept on site and made available to the EPA and/or the IDEQ upon request.

C. Schedule of Compliance for the Cadmium, Lead and Zinc Limitations

1. The permittee must achieve compliance with the cadmium, lead and zinc effluent limitations of Part I.A.1. (Table 1), by December 31, 2034.

2. Until compliance with the final effluent limitations for cadmium, lead and zinc are achieved, at a minimum, the permittee must complete the tasks and reports listed in the Table 4.

Table 4. Tasks Required Under the Schedule of Compliance

Task No.	Due By	Task Description
1	**December 31, 2014**	**I/I Reduction Study** The permittee must complete the I/I Reduction Study to identify and prioritize I/I reduction projects, and serve as justification to appropriate funding. The study must establish a schedule to address I/I projects. The permittee should collaborate with satellite entities to produce a comprehensive study. Deliverable: The permittee must provide the I/I Reduction Study to the IDEQ for review and approval, and submit a copy to the EPA.
2	**December 31, 2015**	**Facility Planning** The permittee must develop a facility plan that evaluates the options that would allow the facility to meet the final water quality-based effluent limitations for cadmium, lead and zinc, and select a preferred alternative. The plan may include a combination of I/I reduction projects and WWTP upgrades. In addition, the plan must include I/I study and analysis of the expected cost and efficacy of I/I reduction projects as compared to metals treatment. Deliverable: The permittee must provide the facility plan to the IDEQ for review and the necessary approvals and submit a copy to the EPA.

Task No.	Due By	Task Description
3	**December 31, 2016 and annually through December 31, 2029**	**Progress Report to Address I/I** The permittee must address I/I within its own collection system to implement I/I reduction projects. Deliverable: The permittee must submit a progress report to the EPA and the IDEQ on an annual basis. The report must discuss progress of the past year, projects implemented and the cost of sewer rehabilitation projects and proposed projects for the next year.
4	**December 31, 2030**	**Treatment System Design** The permittee must complete design of the selected alternative for meeting the cadmium, lead and zinc effluent limitations. (The permittee may engage in renewed facility planning efforts to identify any new technologies for metals treatment. Another alternative may be implemented upon IDEQ approval. Planning must be done with respect to the design deadline without extending the design phase.) Deliverable: The permittee must provide written notification to the EPA and the IDEQ that the final design is complete.
5	**December 31, 2031**	**Award Bid for Construction** The permittee must complete the awarding of the bid for construction of the project to meet the cadmium, lead and zinc effluent limitations. Deliverable: The permittee must provide written notification the EPA and the IDEQ that the bid award is complete.
6	**December 31, 2032**	**Annual Report of Progress on Construction** Deliverable: The permittee must provide a report on the progress of construction.
7	**December 31, 2033**	**Construction Complete** The permittee must complete construction to achieve the final water quality-based effluent limitations for cadmium, lead and zinc. Deliverable: The permittee must submit construction completion reports to the EPA and the IDEQ.
8	**December 31, 2034**	**Meet WQ-based Effluent Limitation for Cadmium, Lead and Zinc** The permittee must achieve compliance with the final water quality-based effluent limitations for cadmium, lead and zinc. Deliverable: The permittee must provide written verification to the EPA and the IDEQ that the final water quality-based effluent limitations for cadmium, lead and can be reliably met.

3. The permittee must provide written notification to the EPA and the IDEQ within fourteen (14) days upon completion of each of the above mentioned tasks at the addresses provided in III.B.1.

4. In addition, the permittee must submit an annual report of progress which outlines the progress made towards reaching the compliance date for the cadmium, lead and zinc effluent limitations. The annual report of progress must be submitted by March 1st of each year. The first report is due for the year ending December 31, 2016 and annually thereafter, until compliance with the cadmium and zinc

effluent limits are achieved. See also Part III.K. "Compliance Schedules". At a minimum, the annual report must include:

a) An assessment of the previous year of cadmium, lead and zinc data and comparison to the effluent limitations.

b) A report on progress made towards meeting the effluent limitations, including the applicable deliverable required under II.D.2 (Table 4).

c) Further actions and milestones targeted for the upcoming year.

D. Facility Planning Requirement

Each month, the permittee must compute an annual rolling average value for the flow, BOD5 loading, and TSS loading entering the facility based on the previous twelve months. If the facility has completed a plant upgrade that affects the facility planning values listed in Table 5, only the data collected after the upgrade should be used in determining the annual average value.

When the annual average values exceed 85% of the facility planning values listed in Table 5, the permittee must develop a facility plan and schedule within one year from the date of the first exceedence. The plan must include the permittee's strategy for continuing to maintain compliance with effluent limits and must be made available to the EPA, IDEQ or authorized representative upon request.

Table 5. Mullan WWTP Design Criteria

Criteria	Design Values	85% of Design	Units
Average Flow	0.55	0.47	mgd
Influent BOD_5 Loading	75	64	lbs/day
Influent TSS Loading	75	64	lbs/day

E. Emergency Response and Public Notification Plan

1. The permittee must develop and implement an overflow emergency response and public notification plan. The plan must identify measures to protect public health from overflows that may endanger health and unanticipated bypasses or upsets that exceed any effluent limitation in the permit. At a minimum the plan must include mechanisms to:

a) Ensure that the permittee is aware (to the greatest extent possible) of all overflows from portions of the collection system over which the permittee has ownership or operational control and unanticipated bypass or upset that exceed any effluent limitation in the permit;

b) Ensure appropriate responses including assurance that reports of an overflow or of an unanticipated bypass or upset that exceed any effluent limitation in the permit are immediately dispatched to appropriate personnel for investigation and response;

c) Ensure immediate notification to the public, health agencies, and other affected public entities (including public water systems). The overflow

response plan must identify the public health and other officials who will receive immediate notification;

d) Ensure that appropriate personnel are aware of and follow the plan and are appropriately trained; and

e) Provide emergency response operations.

2. The permittee must submit written notice to the EPA and the IDEQ that the plan has been developed and implemented within 180 days of the effective date of this permit. Any existing emergency response and public notification plan may be modified for compliance with this section.

III. Monitoring, Recording and Reporting Requirements

A. Representative Sampling (Routine and Non-Routine Discharges)

Samples and measurements must be representative of the volume and nature of the monitored discharge.

In order to ensure that the effluent limits set forth in this permit are not violated at times other than when routine samples are taken, the permittee must collect additional samples at the appropriate outfall whenever any discharge occurs that may reasonably be expected to cause or contribute to a violation that is unlikely to be detected by a routine sample. The permittee must analyze the additional samples for those parameters limited in Part I.B. of this permit that are likely to be affected by the discharge.

The permittee must collect such additional samples as soon as the spill, discharge, or bypassed effluent reaches the outfall. The samples must be analyzed in accordance with paragraph III.C ("Monitoring Procedures"). The permittee must report all additional monitoring in accordance with paragraph III.D ("Additional Monitoring by Permittee").

B. Reporting of Monitoring Results

The permittee must either submit monitoring data and other reports in paper form, or must report electronically using NetDMR, a web-based tool that allows permittees to electronically submit DMRs and other required reports via a secure internet connection. Specific requirements regarding submittal of data and reports in paper form and submittal using NetDMR are described below.

1. Paper Copy Submissions

   Monitoring data must be submitted using the DMR form (EPA No. 3320-1) or equivalent and must be postmarked by the 15th day of the month following the completed reporting period. The permittee must sign and certify all DMRs, and all other reports, in accordance with the requirements of Part V.E. of this permit ("Signatory Requirements"). The permittee must submit the legible originals of these documents to the Director, Office of Compliance and Enforcement, with copies to the IDEQ at the following addresses:

U.S. Environmental Protection Agency Region 10
Attn: ICIS Data Entry Team
M/S OCE-133
1200 Sixth Avenue, Suite 900
Seattle, Washington 98101-3140

Idaho Department of Environmental Quality
Coeur d'Alene Regional Office
2110 Ironwood Parkway
Coeur d'Alene, ID 83814

2. Electronic Copy Submissions

   Monitoring data must be submitted electronically to the EPA no later than the 15th of the month following the completed reporting period. All reports required under this permit must be submitted to the EPA as a legible electronic attachment to the DMR. The permittee must sign and certify all DMRs, and all other reports, in accordance with the requirements of Part V.E. of this permit ("Signatory Requirements"). Once a permittee begins submitting reports using NetDMR, it will no longer be required to submit paper copies of DMRs or other reports to the EPA and the IDEQ.

   The permittee may use NetDMR after requesting and receiving permission from US EPA Region 10. NetDMR is accessed from http://www.epa.gov/netdmr.

C. Monitoring Procedures

Monitoring must be conducted according to test procedures approved under 40 CFR 136, unless other test procedures have been specified in this permit or approved by the EPA as an alternate test procedure under 40 CFR §136.5.

D. Additional Monitoring by Permittee

If the permittee monitors any pollutant more frequently than required by this permit, using test procedures approved under 40 CFR §136 or as specified in this permit, the permittee must include the results of this monitoring in the calculation and reporting of the data submitted in the DMR.

Upon request by the EPA, the permittee must submit results of any other sampling, regardless of the test method used.

E. Records Contents

Records of monitoring information must include:

1. the date, exact place, and time of sampling or measurements;
2. the name(s) of the individual(s) who performed the sampling or measurements;
3. the date(s) analyses were performed;
4. the names of the individual(s) who performed the analyses;

5. the analytical techniques or methods used; and
6. the results of such analyses.

F. Retention of Records

The permittee must retain the following records of all monitoring information for a period of at least five years from the date of the sample, measurement, report or application. This period may be extended by request of the EPA or the IDEQ at any time.

1. all calibration and maintenance records,
2. all original strip chart recordings for continuous monitoring instrumentation,
3. copies of all reports required by this permit,
4. copies of DMRs,
5. a copy of the NPDES permit, and
6. records of all data used to complete the application for this permit.

G. Twenty-four Hour Notice of Noncompliance Reporting

1. The permittee must report the following occurrences of noncompliance by telephone within 24 hours from the time the permittee becomes aware of the circumstances:
   a) any noncompliance that may endanger health or the environment;
   b) any unanticipated bypass that exceeds any effluent limitation in the permit (See Part IV.F., "Bypass of Treatment Facilities");
   c) any upset that exceeds any effluent limitation in the permit (See Part IV.G., "Upset Conditions"); or
   d) any violation of a maximum daily discharge limitation for applicable pollutants identified by Part I.B, Table 1;
   e) any overflow prior to the treatment works over which the permittee has ownership or has operational control. An overflow is any spill, release or diversion of municipal sewage including:
      (i) an overflow that results in a discharge to waters of the United States; and
      (ii) an overflow of wastewater, including a wastewater backup into a building (other than a backup caused solely by a blockage or other malfunction in a privately owned sewer or building lateral) that does not reach waters of the United States.
2. The permittee must also provide a written submission within five days of the time that the permittee becomes aware of any event required to be reported under subpart 1 above. The written submission must contain:
   a) a description of the noncompliance and its cause;

b) the period of noncompliance, including exact dates and times;

c) the estimated time noncompliance is expected to continue if it has not been corrected; and

d) steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

e) if the noncompliance involves an overflow, the written submission must contain:

(i) The location of the overflow;

(ii) The receiving water (if applicable);

(iii) An estimate of the volume of the overflow;

(iv) A description of the sewer system component from which the release occurred (e.g., manhole, constructed overflow pipe, crack in pipe);

(v) The estimated date and time when the overflow began and stopped or will be stopped;

(vi) The cause or suspected cause of the overflow;

(vii) Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the overflow and a schedule of major milestones for those steps;

(viii) An estimate of the number of persons who came into contact with wastewater from the overflow; and

(ix) Steps taken or planned to mitigate the impact(s) of the overflow and a schedule of major milestones for those steps.

3. The Director of the Office of Compliance and Enforcement may waive the written report on a case-by-case basis if the oral report has been received within 24 hours by the NPDES Compliance Hotline in Seattle, Washington, by telephone, (206) 553-1846.

4. Reports must be submitted to the addresses in Part III.B ("Reporting of Monitoring Results").

H. Other Noncompliance Reporting

The permittee must report all instances of noncompliance, not required to be reported within 24 hours, at the time that monitoring reports for Part III.B ("Reporting of Monitoring Results") are submitted. The reports must contain the information listed in Part III.G.2 of this permit ("Twenty-four Hour Notice of Noncompliance Reporting").

I. Public Notification

The permittee must immediately notify the public, health agencies and other affected entities (e.g., public water systems) of any overflow which the permittee owns or has operational control; or any unanticipated bypass or upset that exceeds any effluent

limitation in the permit in accordance with the notification procedures developed in accordance with Part III.G.

J. Notice of New Introduction of Toxic Pollutants

The permittee must notify the Director of the Office of Water and Watersheds and the IDEQ in writing of:

1. Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to Sections 301 or 306 of the Act if it were directly discharging those pollutants; and
2. Any substantial change in the volume or character of pollutants being introduced into the POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
3. For the purposes of this section, adequate notice must include information on:
   a) The quality and quantity of effluent to be introduced into the POTW, and
   b) Any anticipated impact of the change in the quantity or quality of effluent to be discharged from the POTW.
4. The permittee must notify the Director of the Office of Water and Watersheds at the following address:

   U.S. Environmental Protection Agency Region 10
   Attn: NPDES Permits Unit Manager
   M/S OWW-130
   1200 Sixth Avenue, Suite 900
   Seattle, WA 98101-3140

K. Compliance Schedules

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit must be submitted no later than 14 days following each schedule date.

IV. Compliance Responsibilities

A. Duty to Comply

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application.

B. Penalties for Violations of Permit Conditions

1. Civil and Administrative Penalties. Pursuant to 40 CFR Part 19 and the Act, any person who violates section 301, 302, 306, 307, 308, 318 or 405 of the Act, or any permit condition or limitation implementing any such sections in a permit issued under section 402, or any requirement imposed in a pretreatment program approved under sections 402(a)(3) or 402(b)(8) of the Act, is subject to a civil

penalty not to exceed the maximum amounts authorized by Section 309(d) of the Act and the Federal Civil Penalties Inflation Adjustment Act (28 U.S.C. § 2461 note) as amended by the Debt Collection Improvement Act (31 U.S.C. § 3701 note) (currently $37,500 per day for each violation).

5. Administrative Penalties. Any person may be assessed an administrative penalty by the Administrator for violating section 301, 302, 306, 307, 308, 318 or 405 of this Act, or any permit condition or limitation implementing any of such sections in a permit issued under section 402 of this Act. Pursuant to 40 CFR 19 and the Act, administrative penalties for Class I violations are not to exceed the maximum amounts authorized by Section 309(g)(2)(A) of the Act and the Federal Civil Penalties Inflation Adjustment Act (28 U.S.C. § 2461 note) as amended by the Debt Collection Improvement Act (31 U.S.C. § 3701 note) (currently $16,000 per violation, with the maximum amount of any Class I penalty assessed not to exceed $37,500). Pursuant to 40 CFR 19 and the Act, penalties for Class II violations are not to exceed the maximum amounts authorized by Section 309(g)(2)(B) of the Act and the Federal Civil Penalties Inflation Adjustment Act (28 U.S.C. § 2461 note) as amended by the Debt Collection Improvement Act (31 U.S.C. § 3701 note) (currently $16,000 per day for each day during which the violation continues, with the maximum amount of any Class II penalty not to exceed $177,500).

6. Criminal Penalties:

   a) Negligent Violations. The Act provides that any person who negligently violates sections 301, 302, 306, 307, 308, 318, or 405 of the Act, or any condition or limitation implementing any of such sections in a permit issued under section 402 of the Act, or any requirement imposed in a pretreatment program approved under section 402(a)(3) or 402(b)(8) of the Act, is subject to criminal penalties of $2,500 to $25,000 per day of violation, or imprisonment of not more than 1 year, or both. In the case of a second or subsequent conviction for a negligent violation, a person shall be subject to criminal penalties of not more than $50,000 per day of violation, or by imprisonment of not more than 2 years, or both.

   b) Knowing Violations. Any person who knowingly violates such sections, or such conditions or limitations is subject to criminal penalties of $5,000 to $50,000 per day of violation, or imprisonment for not more than 3 years, or both. In the case of a second or subsequent conviction for a knowing violation, a person shall be subject to criminal penalties of not more than $100,000 per day of violation, or imprisonment of not more than 6 years, or both.

   c) Knowing Endangerment. Any person who knowingly violates section 301, 302, 303, 306, 307, 308, 318 or 405 of the Act, or any permit condition or limitation implementing any of such sections in a permit issued under section 402 of the Act, and who knows at that time that he thereby places another person in imminent danger of death or serious bodily injury, shall, upon conviction, be subject to a fine of not more than $250,000 or imprisonment of

not more than 15 years, or both. In the case of a second or subsequent conviction for a knowing endangerment violation, a person shall be subject to a fine of not more than $500,000 or by imprisonment of not more than 30 years, or both. An organization, as defined in section 309(c)(3)(B)(iii) of the Act, shall, upon conviction of violating the imminent danger provision, be subject to a fine of not more than $1,000,000 and can be fined up to $2,000,000 for second or subsequent convictions.

d) False Statements. The Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $10,000, or by imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than $20,000 per day of violation, or by imprisonment of not more than 4 years, or both. The Act further provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

C. Need To Halt or Reduce Activity not a Defense

It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with this permit.

D. Duty to Mitigate

The permittee must take all reasonable steps to minimize or prevent any discharge in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment.

E. Proper Operation and Maintenance

The permittee must at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by the permittee only when the operation is necessary to achieve compliance with the conditions of the permit.

F. Bypass of Treatment Facilities

1. Bypass not exceeding limitations. The permittee may allow any bypass to occur that does not cause effluent limitations to be exceeded, but only if it also is for

essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs 2 and 3 of this Part.

2. Notice.

   a) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it must submit prior written notice, if possible at least 10 days before the date of the bypass.

   b) Unanticipated bypass. The permittee must submit notice of an unanticipated bypass as required under Part III.G ("Twenty-four Hour Notice of Noncompliance Reporting").

3. Prohibition of bypass.

   a) Bypass is prohibited, and the Director of the Office of Compliance and Enforcement may take enforcement action against the permittee for a bypass, unless:

      (i) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

      (ii) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass that occurred during normal periods of equipment downtime or preventive maintenance; and

      (iii) The permittee submitted notices as required under paragraph 2 of this Part.

   b) The Director of the Office of Compliance and Enforcement may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed above in paragraph 3.a. of this Part.

G. Upset Conditions

1. *Effect of an upset.* An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the permittee meets the requirements of paragraph 2 of this Part. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

2. *Conditions necessary for a demonstration of upset*. To establish the affirmative defense of upset, the permittee must demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

   a) An upset occurred and that the permittee can identify the cause(s) of the upset;

   b) The permitted facility was at the time being properly operated;

c) The permittee submitted notice of the upset as required under Part III.G, "Twenty-four Hour Notice of Noncompliance Reporting;" and

d) The permittee complied with any remedial measures required under Part IV.D, "Duty to Mitigate."

3. *Burden of proof.* In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

H. Toxic Pollutants

The permittee must comply with effluent standards or prohibitions established under Section 307(a) of the Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

I. Planned Changes

The permittee must give written notice to the Director of the Office of Water and Watersheds as specified in Part III.J.4. and the IDEQ as soon as possible of any planned physical alterations or additions to the permitted facility whenever:

1. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source as determined in 40 CFR 122.29(b); or
2. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants that are not subject to effluent limitations in this permit.
3. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application site.

J. Anticipated Noncompliance

The permittee must give written advance notice to the Director of the Office of Compliance and Enforcement and the IDEQ of any planned changes in the permitted facility or activity that may result in noncompliance with this permit.

K. Reopener

This permit may be reopened to include any applicable standard for sewage sludge use or disposal promulgated under section 405(d) of the Act. The Director may modify or revoke and reissue the permit if the standard for sewage sludge use or disposal is more stringent than any requirements for sludge use or disposal in the permit, or controls a pollutant or practice not limited in the permit.

V. General Provisions

A. Permit Actions

This permit may be modified, revoked and reissued, or terminated for cause as specified in 40 CFR §§122.62, 122.64, or 124.5. The filing of a request by the permittee for a permit modification, revocation and reissuance, termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

B. Duty to Reapply

If the permittee intends to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. In accordance with 40 CFR §122.21(d), and unless permission for the application to be submitted at a later date has been granted by the Regional Administrator, the permittee must submit a new application at least 180 days before the expiration date of this permit.

C. Duty to Provide Information

The permittee must furnish to the EPA and the IDEQ, within the time specified in the request, any information that the EPA or the IDEQ may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee must also furnish to the EPA or the IDEQ, upon request, copies of records required to be kept by this permit.

D. Other Information

When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or that it submitted incorrect information in a permit application or any report to the EPA or the IDEQ, it must promptly submit the omitted facts or corrected information in writing.

E. Signatory Requirements

All applications, reports or information submitted to the EPA and the IDEQ must be signed and certified as follows.

1. All permit applications must be signed as follows:
   a) For a corporation: by a responsible corporate officer.
   b) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively.
   c) For a municipality, state, federal, Indian tribe, or other public agency: by either a principal executive officer or ranking elected official.
2. All reports required by the permit and other information requested by the EPA or the IDEQ must be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
   a) The authorization is made in writing by a person described above;

b) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company; and

c) The written authorization is submitted to the Director of the Office of Compliance and Enforcement and the IDEQ.

3. Changes to authorization. If an authorization under Part V.E.2 is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Part V.E.2. must be submitted to the Director of the Office of Compliance and Enforcement and the IDEQ prior to or together with any reports, information, or applications to be signed by an authorized representative.

4. Certification. Any person signing a document under this Part must make the following certification:

> *"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*

F. Availability of Reports

In accordance with 40 CFR Part 2, information submitted to the EPA pursuant to this permit may be claimed as confidential by the permittee. In accordance with the Act, permit applications, permits and effluent data are not considered confidential. Any confidentiality claim must be asserted at the time of submission by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, the EPA may make the information available to the public without further notice to the permittee. If a claim is asserted, the information will be treated in accordance with the procedures in 40 CFR Part 2, Subpart B (Public Information) and 41 Fed. Reg. 36902 through 36924 (September 1, 1976), as amended.

G. Inspection and Entry

The permittee must allow the Director of the Office of Compliance and Enforcement; the IDEQ; or an authorized representative (including an authorized contractor acting as a representative of the Administrator), upon the presentation of credentials and other documents as may be required by law, to:

1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
4. Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the Act, any substances or parameters at any location.

H. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to persons or property or invasion of other private rights, nor any infringement of federal, tribal, state or local laws or regulations.

I. Transfers

This permit is not transferable to any person except after written notice to the Director of the Office of Water and Watersheds as specified in Part III.J.4. The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Act. (See 40 CFR §122.61; in some cases, modification or revocation and reissuance is mandatory).

J. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by Section 510 of the Act.

VI. Definitions

1. “Act” means the Clean Water Act.
2. “Acute Toxic Unit” (“TUa”) is a measure of acute toxicity. TUa is the reciprocal of the effluent concentration that causes 50 percent of the organisms to die by the end on the acute exposure period (i.e., 100/”LC50”).
3. “Administrator” means the Administrator of the EPA, or an authorized representative.
4. “Average monthly discharge limitation” means the highest allowable average of “daily discharges” over a calendar month, calculated as the sum of all “daily discharges” measured during a calendar month divided by the number of “daily discharges” measured during that month.
5. “Average weekly discharge limitation” means the highest allowable average of “daily discharges” over a calendar week, calculated as the sum of all “daily discharges”

measured during a calendar week divided by the number of "daily discharges" measured during that week.

6. "Best Management Practices" (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the United States. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage areas.
7. "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility.
8. "Chronic toxic unit" ("TUc") is a measure of chronic toxicity. TUc is the reciprocal of the effluent concentration that causes no observable effect on the test organisms by the end of the chronic exposure period (i.e., 100/"NOEC").
9. "Composite" - see "24-hour composite".
10. "Daily discharge" means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day.
11. "Director of the Office of Compliance and Enforcement" means the Director of the Office of Compliance and Enforcement, EPA Region 10, or an authorized representative.
12. "Director of the Office of Water and Watersheds" means the Director of the Office of Water and Watersheds, EPA Region 10, or an authorized representative.
13. "DMR" means discharge monitoring report.
14. "EPA" means the United States Environmental Protection Agency.
15. "Geometric Mean" means the nth root of a product of n factors, or the antilogarithm of the arithmetic mean of the logarithms of the individual sample values.
16. "Grab" sample is an individual sample collected over a period of time not exceeding 15 minutes.
17. "IDEQ" means the Idaho Department of Environmental Quality.
18. "Inhibition concentration", IC, is a point estimate of the toxicant concentration that causes a given percent reduction (p) in a non-quantal biological measurement (e.g., reproduction or growth) calculated from a continuous model (e.g., Interpolation Method).
19. "Interference" is defined in 40 CFR 403.3.
20. "Interim Minimum Level (IML)" is used when a method-specific "Minimum Level (ML)" has not been published by EPA. The IML is equal to 3.18 times the method-specified "Method Detection Limit (MDL)". The IML for non-metals is rounded to the nearest multiple of 2, 5, 10, 20, 50.
21. "LC50" means the concentration of toxicant (e.g., effluent) which is lethal to 50 percent of the test organisms exposed in the time period prescribed by the test.

22. “Maximum daily discharge limitation” means the highest allowable “daily discharge.”
23. “Method Detection Limit (MDL)” means the minimum concentration of a substance (analyte) that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix containing the analyte.
24. “Minimum Level (ML)” means the concentration at which the entire analytical system must give a recognizable signal and an acceptable calibration point. The ML is the concentration in a sample that is equivalent to the concentration of the lowest calibration standard analyzed by a specific analytical procedure, assuming that all the method-specified sample weights, volumes and processing steps have been followed.
25. “NOEC” means no observed effect concentration. The NOEC is the highest concentration of toxicant (e.g., effluent) to which organisms are exposed in a chronic toxicity test [full life-cycle or partial life-cycle (short term) test], that causes no observable adverse effects on the test organisms (i.e., the highest concentration of effluent in which the values for the observed responses are not statistically significantly different from the controls).
26. “NPDES” means National Pollutant Discharge Elimination System, the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits . . . under sections 307, 402, 318, and 405 of the CWA.
27. “Pass Through” means a Discharge which exits the POTW into waters of the United States in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation).
28. “QA/QC” means quality assurance/quality control.
29. “Regional Administrator” means the Regional Administrator of Region 10 of the EPA, or the authorized representative of the Regional Administrator.
30. “Severe property damage” means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
31. “Significant Industrial User” means all industrial users subject to Categorical Pretreatment Standards under 40 CFR 403.6 and 40 CFR chapter I, subchapter N; and any other industrial user that: discharges an average of 25,000 gallons per day or more of process wastewater to the POTW (excluding sanitary, noncontact cooling and boiler blowdown wastewater); contributes a process wastestream which makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the POTW treatment plant; or is designated as such by the Control Authority as defined in 40 CFR 403.12(a) on the basis that the industrial user has a reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement (in accordance with 40 CFR 403.8(f)(6)). Upon a finding that an industrial user meeting above the

criteria has no reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement, the Control Authority (as defined in 40 CFR 403.12(a)) may at any time, on its own initiative or in response to a petition received from an industrial user or POTW, and in accordance with 40 CFR 403.8(f)(6), determine that such industrial user is not a significant industrial user.

32. “Upset” means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

33. “24-hour composite” sample means a combination of at least 8 discrete sample aliquots of at least 100 milliliters, collected over periodic intervals from the same location, during the operating hours of a facility over a 24 hour period. The composite must be flow proportional. The sample aliquots must be collected and stored in accordance with procedures prescribed in the most recent edition of Standard Methods for the Examination of Water and Wastewater.